

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062530.D
 Acq On : 15 Jul 2020 12:55
 Operator : JC/MD
 Sample : VN0715WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

Quant Time: Jul 16 01:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	198148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	331536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	158562	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	7.55	113	113074	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.06	98	446352	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.37	95	164154	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36879	18.272	ug/l	96
3) Chloromethane	2.04	50	53611	16.554	ug/l	97
4) Vinyl Chloride	2.16	62	47229	17.800	ug/l	99
5) Bromomethane	2.53	94	24414	17.133	ug/l	99
6) Chloroethane	2.67	64	24658	15.956	ug/l	95
7) Trichlorofluoromethane	2.98	101	62895	18.665	ug/l	100
8) Diethyl Ether	3.37	74	30302	20.110	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	40889	20.469	ug/l	98
10) Methyl Iodide	3.91	142	46769	17.731	ug/l	100
11) Tert butyl alcohol	4.73	59	48967	96.855	ug/l	98
12) 1,1-Dichloroethene	3.70	96	38684	19.021	ug/l	96
13) Acrolein	3.56	56	41281	113.189	ug/l	99
14) Allyl chloride	4.28	41	86370	18.057	ug/l	98
15) Acrylonitrile	4.93	53	129614	97.752	ug/l	100
16) Acetone	3.78	43	108355	83.740	ug/l	93
17) Carbon Disulfide	4.01	76	111169	17.444	ug/l	99
18) Methyl Acetate	4.27	43	63475	19.657	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	158340	20.535	ug/l	99
20) Methylene Chloride	4.50	84	63651	23.007	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	43398	19.697	ug/l	95
22) Diisopropyl ether	5.90	45	188423	19.939	ug/l	100
23) Vinyl Acetate	5.84	43	753299	96.227	ug/l	100
24) 1,1-Dichloroethane	5.80	63	95466	19.550	ug/l	99
25) 2-Butanone	6.78	43	170814	90.391	ug/l	96
26) 2,2-Dichloropropane	6.77	77	74996	20.030	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	50895	19.943	ug/l	98
28) Bromochloromethane	7.15	49	51095	19.259	ug/l	96
29) Tetrahydrofuran	7.17	42	118438	93.092	ug/l	98
30) Chloroform	7.33	83	89881	20.385	ug/l	99
31) Cyclohexane	7.61	56	83348	18.004	ug/l	87
32) 1,1,1-Trichloroethane	7.53	97	74267	20.250	ug/l	97
36) 1,1-Dichloropropene	7.75	75	66139	19.801	ug/l	99
37) Ethyl Acetate	6.88	43	73592	18.842	ug/l	98
38) Carbon Tetrachloride	7.73	117	62403	20.781	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062530.D
 Acq On : 15 Jul 2020 12:55
 Operator : JC/MD
 Sample : VN0715WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

Quant Time: Jul 16 01:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	70797	19.853	ug/l	97
40) Benzene	8.00	78	197919	20.105	ug/l	100
41) Methacrylonitrile	7.12	41	33554	20.562	ug/l	96
42) 1,2-Dichloroethane	8.08	62	78424	21.757	ug/l	99
43) Isopropyl Acetate	8.12	43	120659	19.556	ug/l	94
44) Trichloroethene	8.80	130	44311	20.287	ug/l	97
45) 1,2-Dichloropropane	9.08	63	60468	21.159	ug/l	99
46) Dibromomethane	9.17	93	34144	21.172	ug/l	98
47) Bromodichloromethane	9.37	83	73038	21.183	ug/l	99
48) Methyl methacrylate	9.17	41	57287	18.928	ug/l	96
49) 1,4-Dioxane	9.17	88	17983	408.224	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	368138	99.897	ug/l	99
52) Toluene	10.12	92	121547	21.376	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	81152	21.009	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	90181	21.159	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	49117	21.963	ug/l	98
56) Ethyl methacrylate	10.40	69	78848	20.214	ug/l	97
57) 1,3-Dichloropropane	10.68	76	87957	21.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	120814	91.059	ug/l	97
59) 2-Hexanone	10.72	43	260045	97.201	ug/l	97
60) Dibromochloromethane	10.87	129	52351	21.589	ug/l	98
61) 1,2-Dibromoethane	10.98	107	48835	21.632	ug/l	100
64) Tetrachloroethene	10.60	164	38021	20.815	ug/l	97
65) Chlorobenzene	11.40	112	124438	20.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	47153	21.372	ug/l	99
67) Ethyl Benzene	11.48	91	230729	20.546	ug/l	99
68) m/p-Xylenes	11.59	106	167380	42.102	ug/l	99
69) o-Xylene	11.92	106	80749	20.861	ug/l	99
70) Styrene	11.94	104	134908	21.089	ug/l	99
71) Bromoform	12.10	173	36161	22.358	ug/l #	100
73) Isopropylbenzene	12.22	105	218969	20.495	ug/l	100
74) N-amyl acetate	12.04	43	102766	19.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	75263	20.951	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	70391m	20.778	ug/l	
77) Bromobenzene	12.50	156	52277	21.523	ug/l	92
78) n-propylbenzene	12.56	91	254848	20.420	ug/l	100
79) 2-Chlorotoluene	12.65	91	155072	20.473	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	183461	20.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23175	18.310	ug/l	97
82) 4-Chlorotoluene	12.75	91	156642	20.370	ug/l	97
83) tert-Butylbenzene	12.97	119	153767	20.688	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	186597	21.434	ug/l	98
85) sec-Butylbenzene	13.15	105	208849	21.205	ug/l	99
86) p-Isopropyltoluene	13.26	119	177767	20.912	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	89400	21.335	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	89181	20.684	ug/l	98
89) n-Butylbenzene	13.59	91	147609	19.666	ug/l	100
90) Hexachloroethane	13.85	117	34092	20.388	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	88896	21.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13484	20.568	ug/l	97

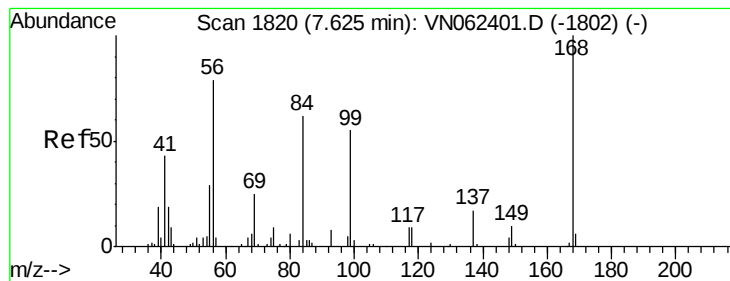
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
Data File : VN062530.D
Acq On : 15 Jul 2020 12:55
Operator : JC/MD
Sample : VN0715WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Quant Time: Jul 16 01:40:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40677	20.739	ug/l	97
94) Hexachlorobutadiene	14.98	225	24550	22.822	ug/l	99
95) Naphthalene	15.10	128	103318	21.047	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	40894	20.759	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

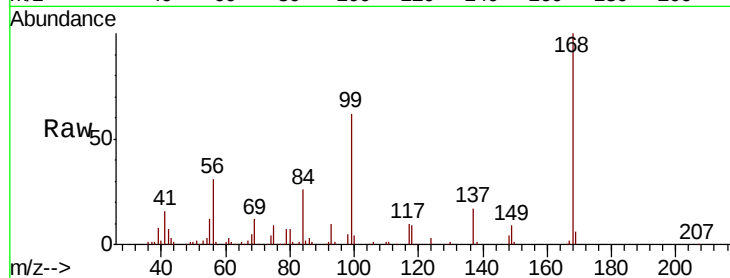
VN0715WBSD01

Tot Ion:168 Resp: 198148

Ion Ratio Lower Upper

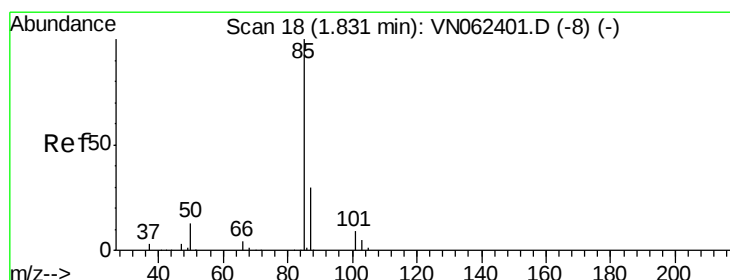
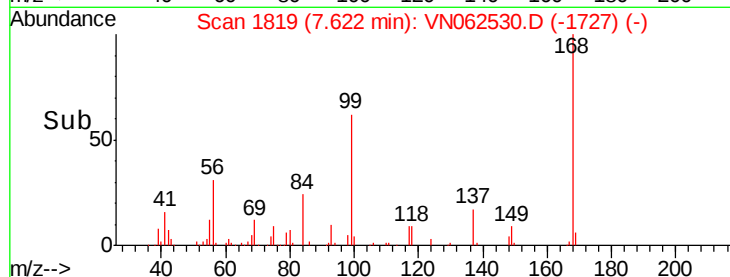
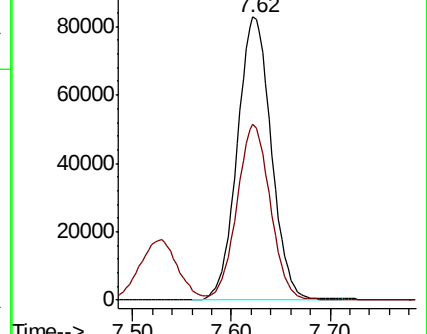
168 100

99 61.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.272 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062530.D

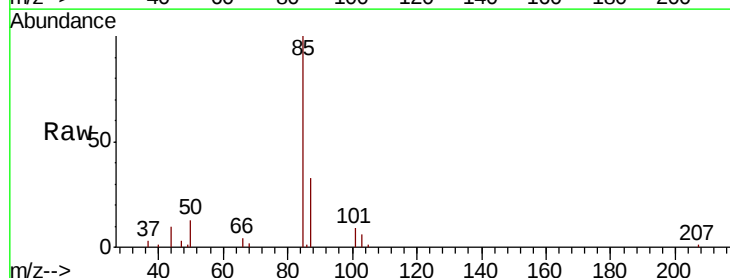
Acq: 15 Jul 2020 12:55

Tgt Ion: 85 Resp: 36879

Ion Ratio Lower Upper

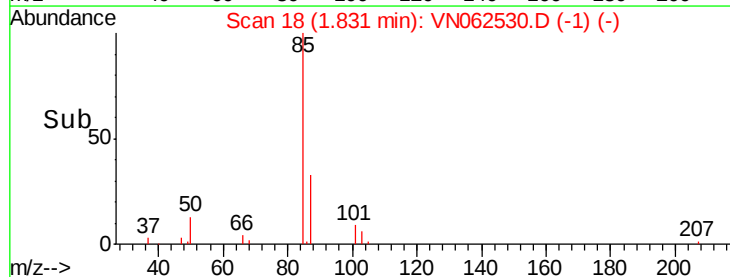
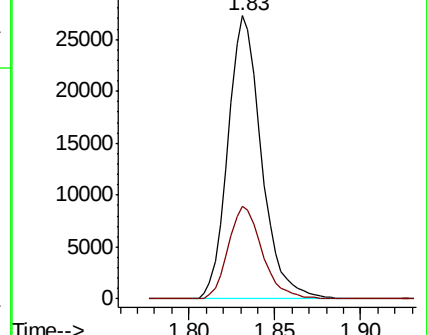
85 100

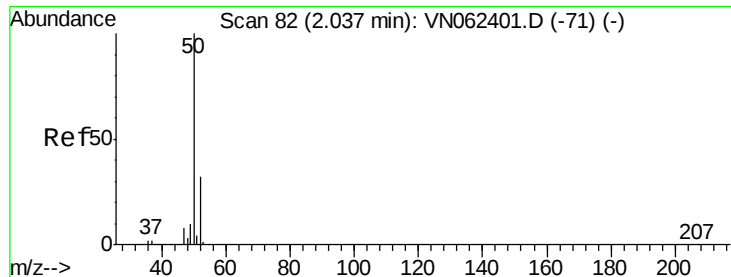
87 32.6 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 16.554 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

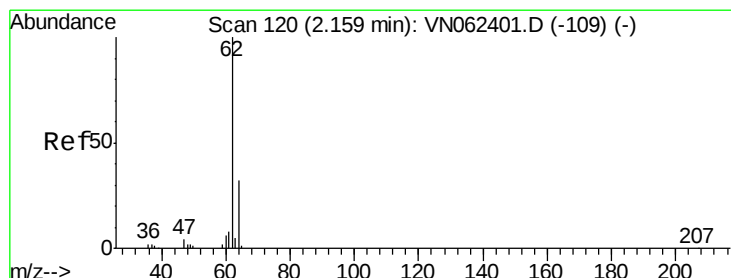
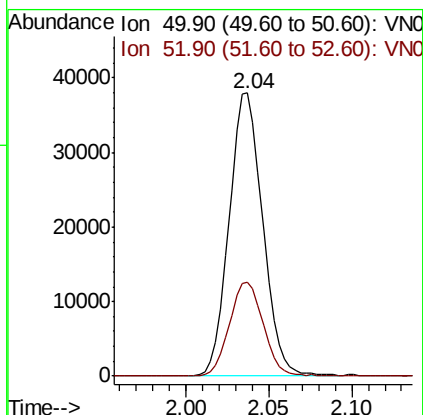
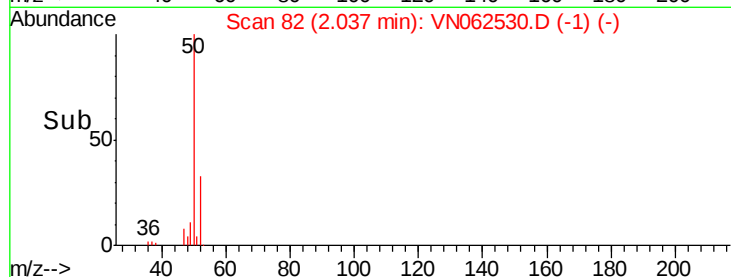
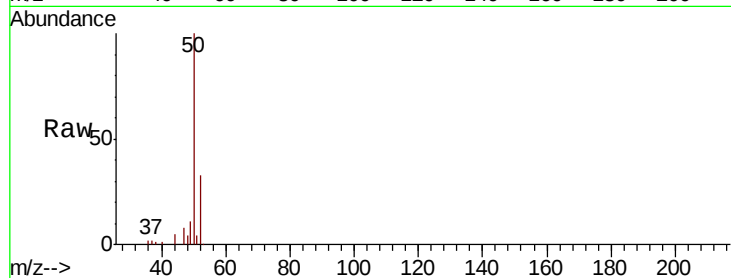
VN0715WBSD01

Tot Ion: 50 Resp: 53611

Ion Ratio Lower Upper

50 100

52 33.4 25.5 38.3



#4

Vinyl Chloride

Concen: 17.800 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062530.D

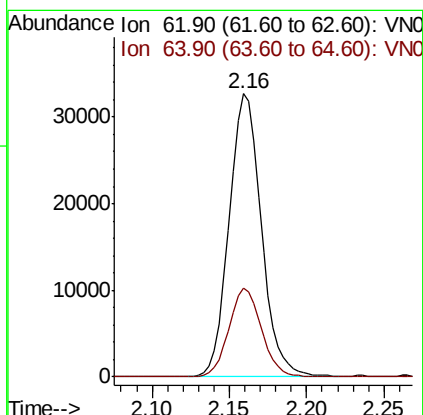
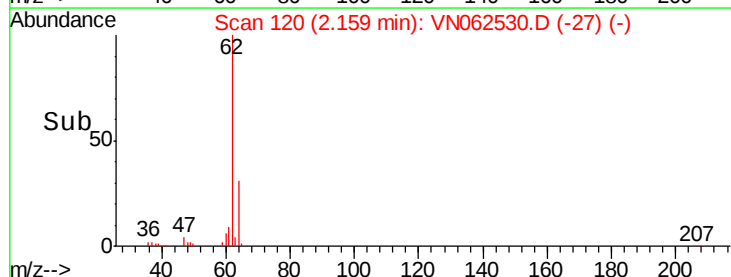
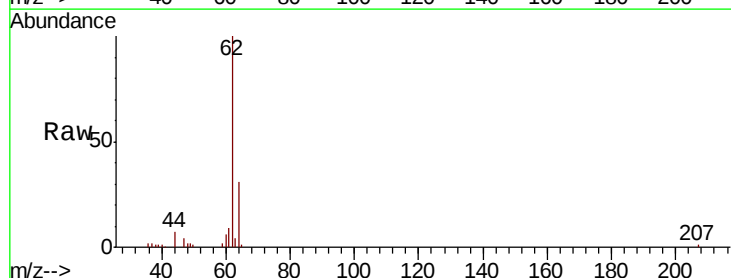
Acq: 15 Jul 2020 12:55

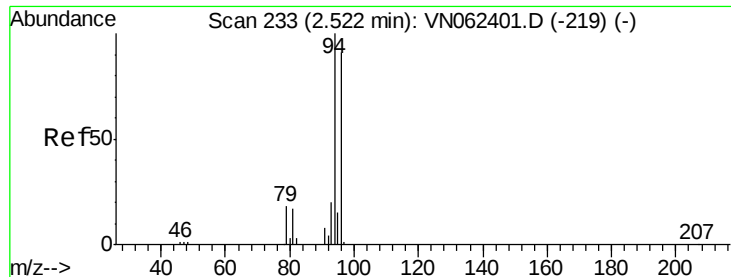
Tgt Ion: 62 Resp: 47229

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 17.133 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

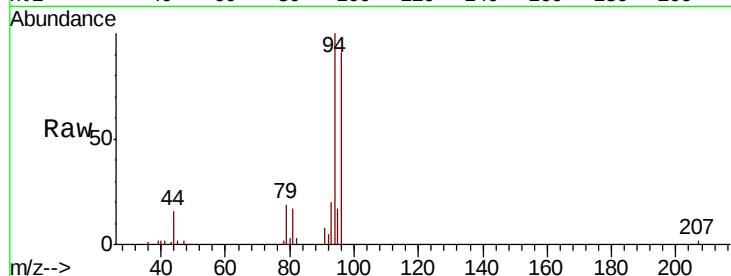
VN0715WBSD01

Tot Ion: 94 Resp: 24414

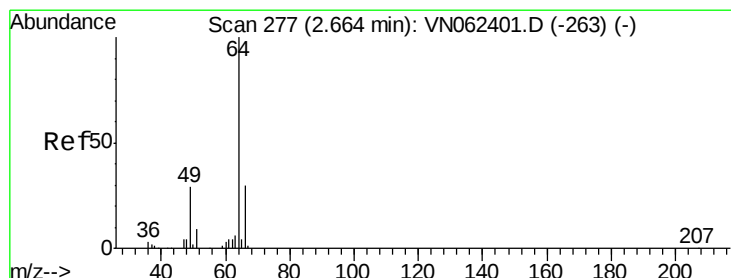
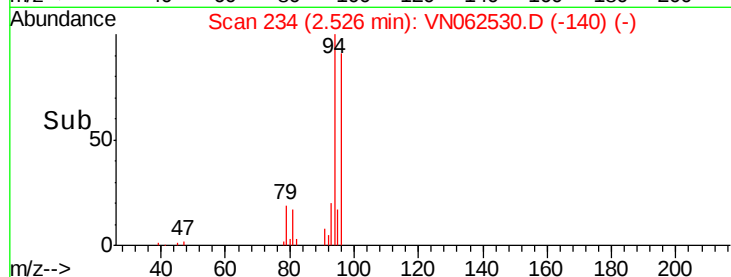
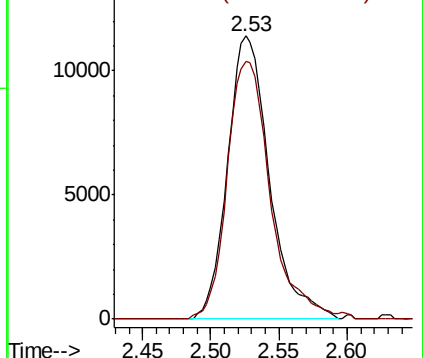
Ion Ratio Lower Upper

94 100

96 90.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 15.956 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062530.D

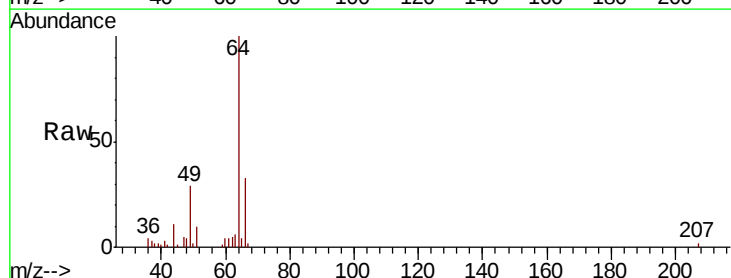
Acq: 15 Jul 2020 12:55

Tgt Ion: 64 Resp: 24658

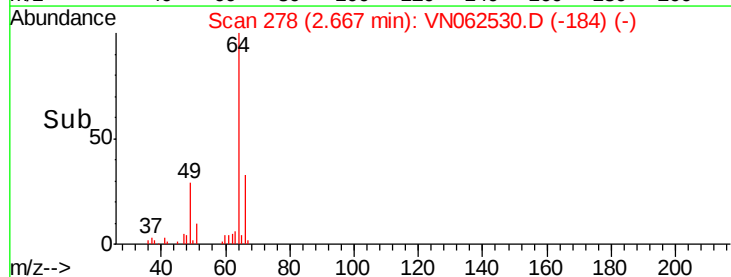
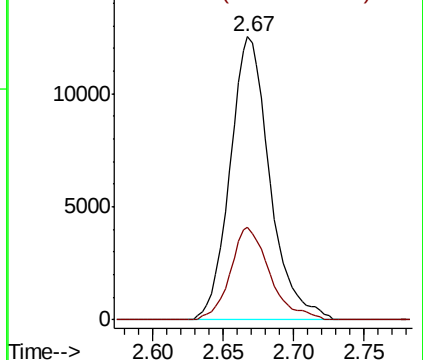
Ion Ratio Lower Upper

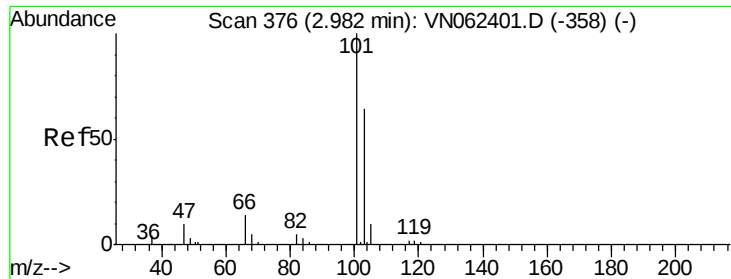
64 100

66 32.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



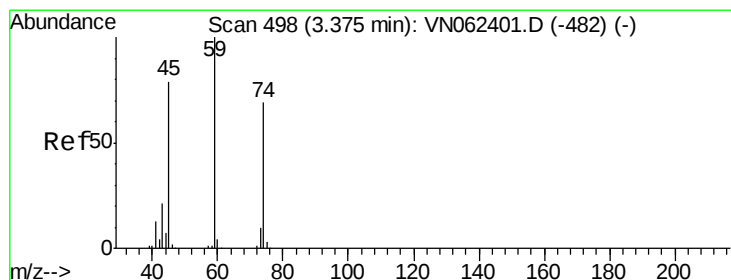
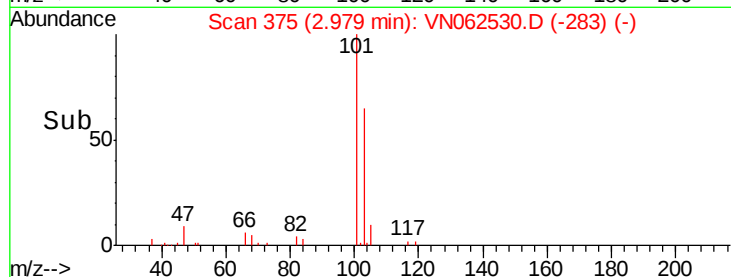
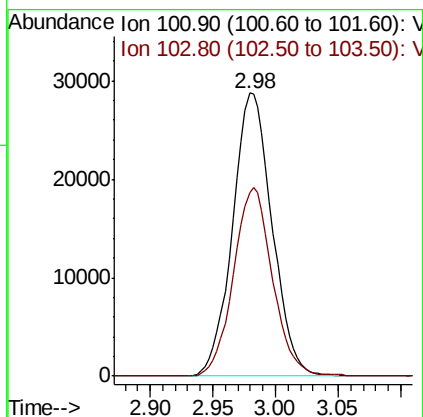
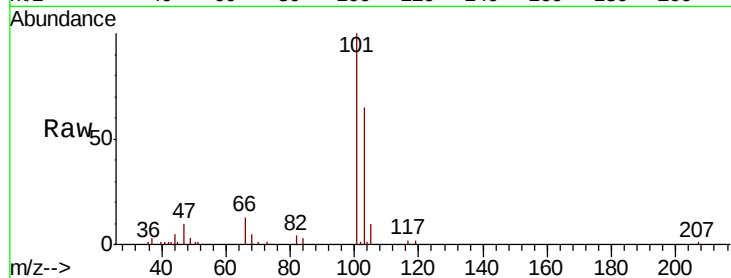


#7

Trichlorofluoromethane
 Concen: 18.665 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

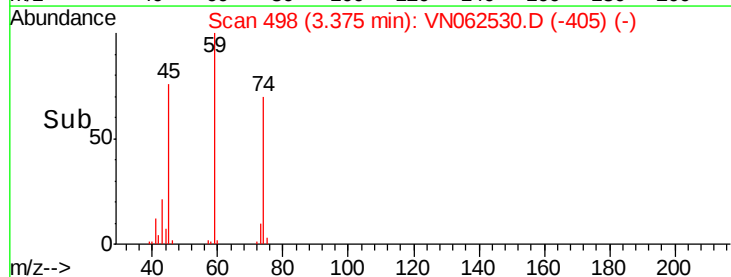
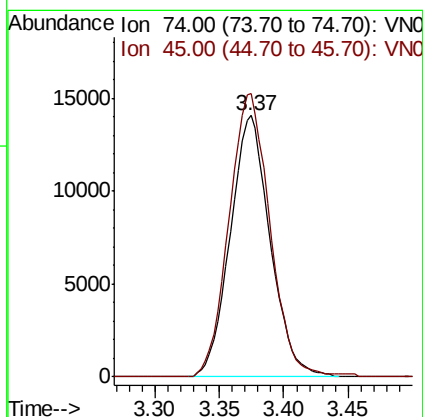
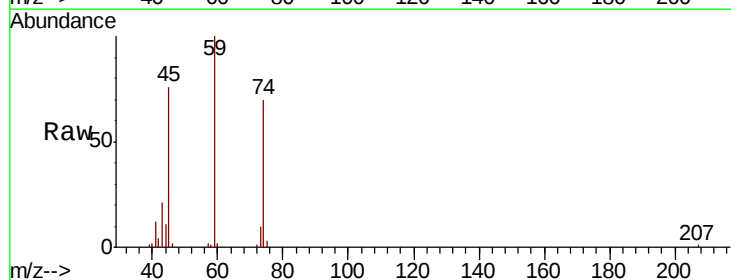
Tot Ion:101 Resp: 62895
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4

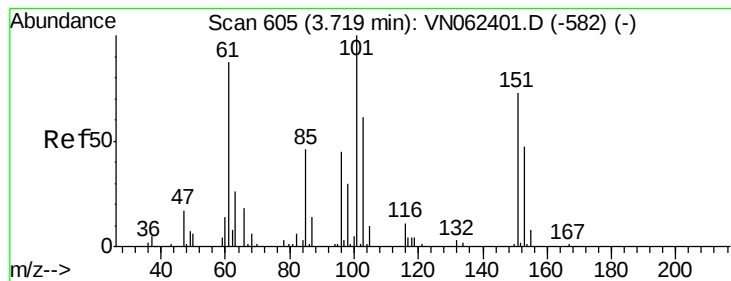


#8

Diethyl Ether
 Concen: 20.110 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion: 74 Resp: 30302
 Ion Ratio Lower Upper
 74 100
 45 111.3 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.469 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

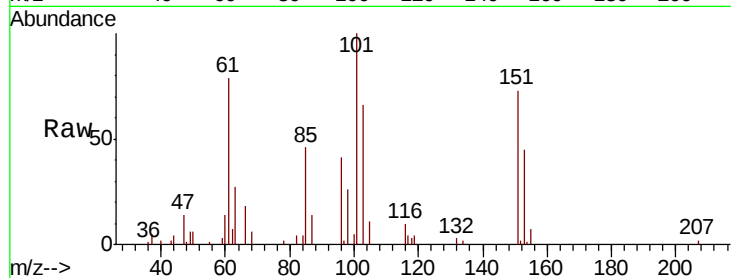
Tot Ion:101 Resp: 40889

Ion Ratio Lower Upper

101 100

85 44.8 36.7 55.1

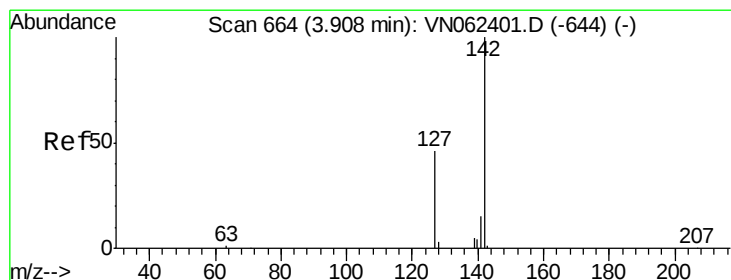
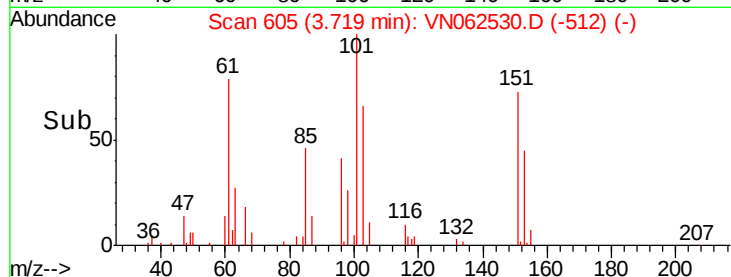
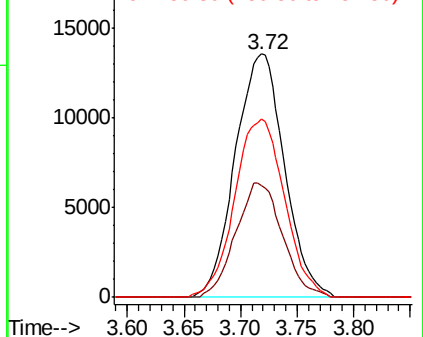
151 74.3 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.731 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

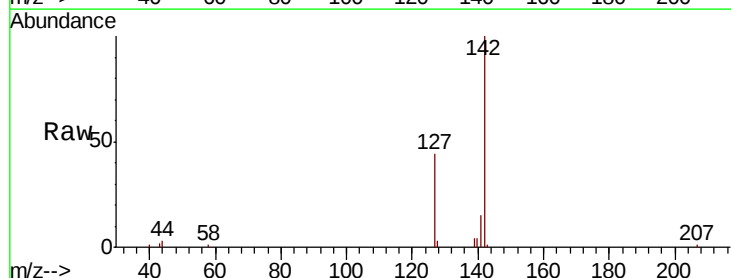
Tgt Ion:142 Resp: 46769

Ion Ratio Lower Upper

142 100

127 45.0 36.1 54.1

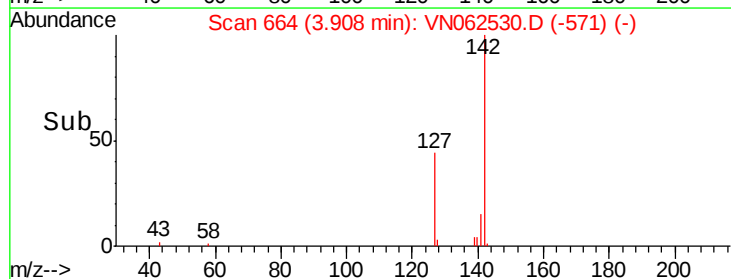
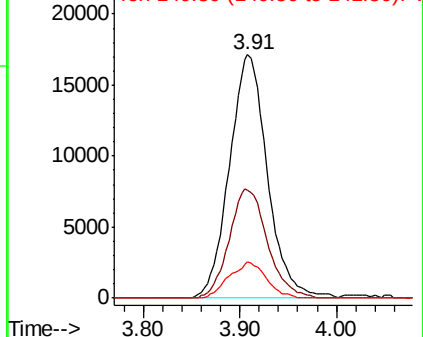
141 14.5 11.4 17.0

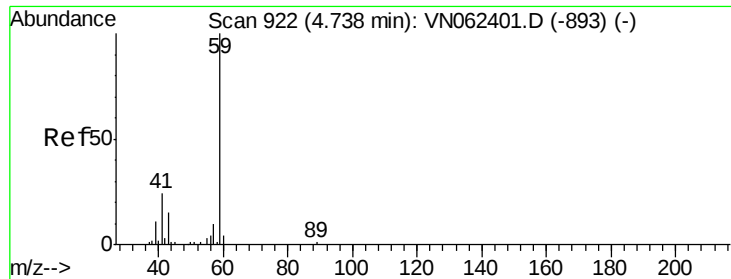


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

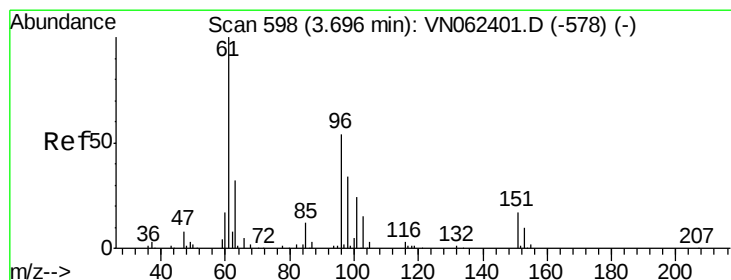
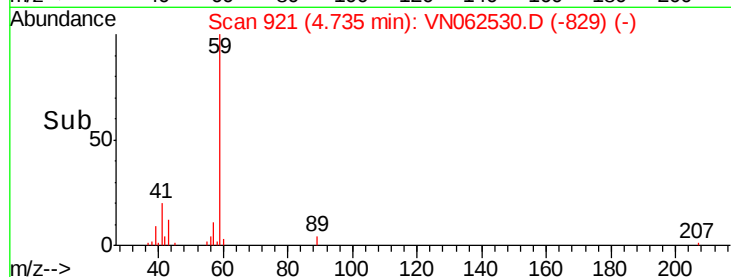
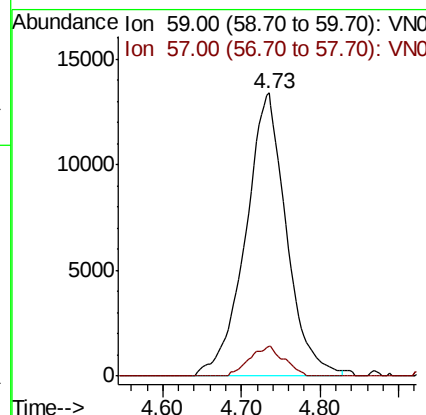
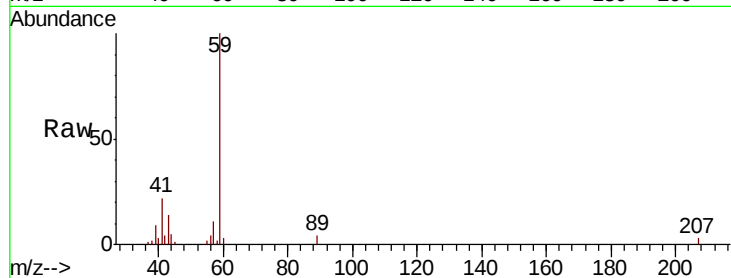




#11
Tert butyl alcohol
Concen: 96.855 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

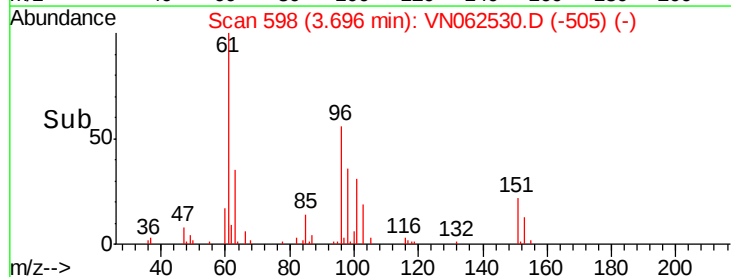
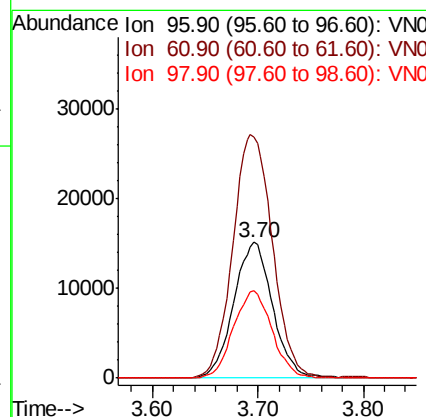
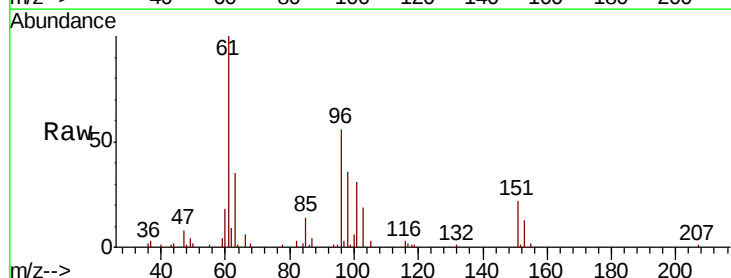
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

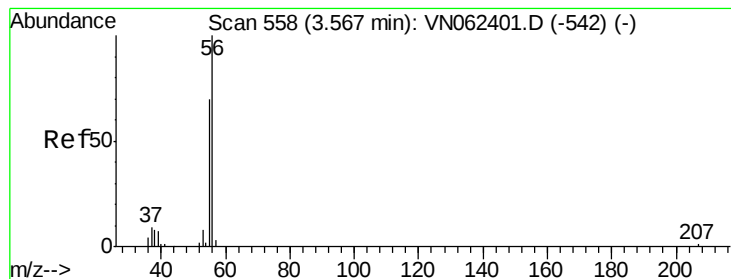
Tot Ion: 59 Resp: 48967
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.021 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 96 Resp: 38684
Ion Ratio Lower Upper
96 100
61 177.6 147.4 221.0
98 64.4 50.4 75.6





#13

Acrolein

Concen: 113.189 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

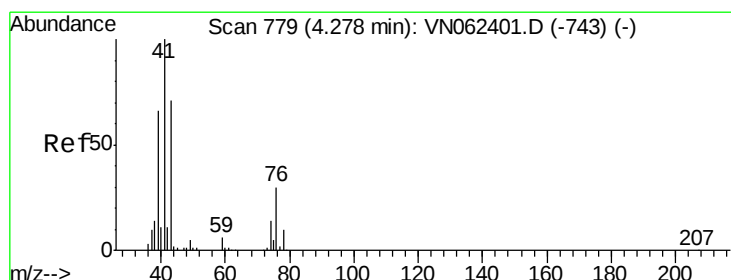
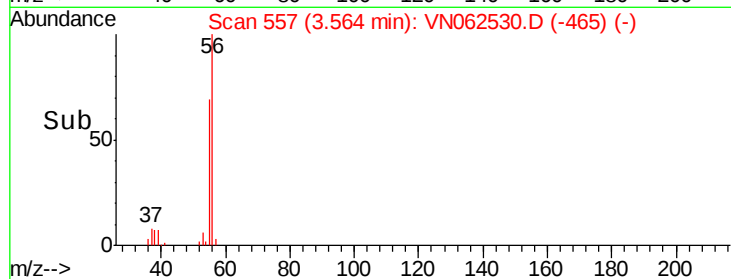
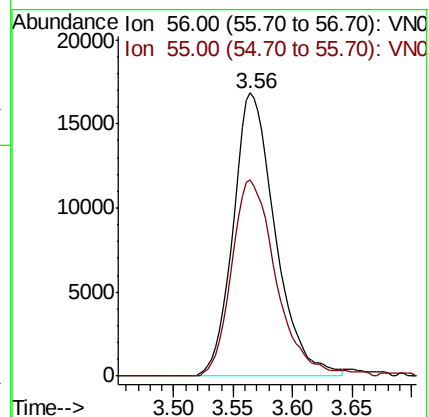
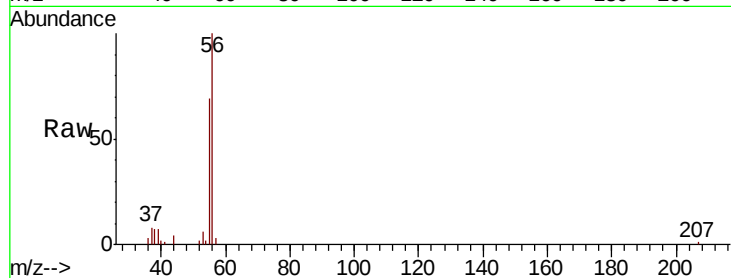
VN0715WBSD01

Tot Ion: 56 Resp: 41281

Ion Ratio Lower Upper

56 100

55 72.4 57.2 85.8



#14

Allyl chloride

Concen: 18.057 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

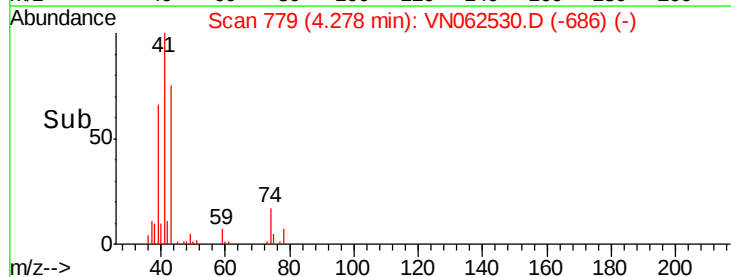
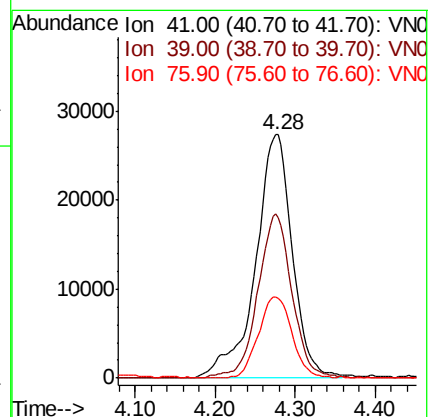
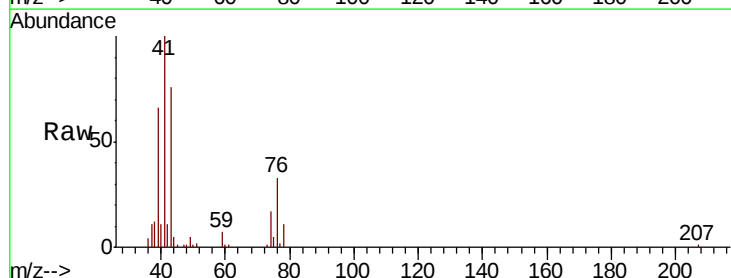
Tgt Ion: 41 Resp: 86370

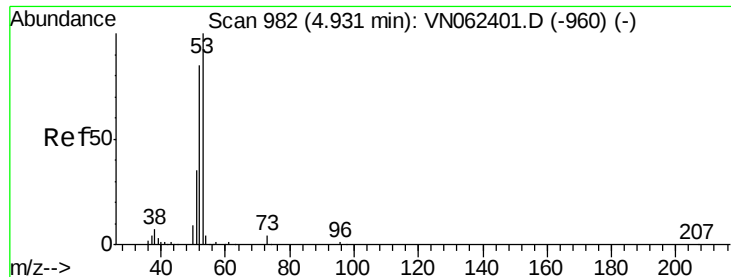
Ion Ratio Lower Upper

41 100

39 62.3 49.6 74.4

76 30.4 22.2 33.4





#15

Acrylonitrile

Concen: 97.752 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleID :

VN0715WBSD01

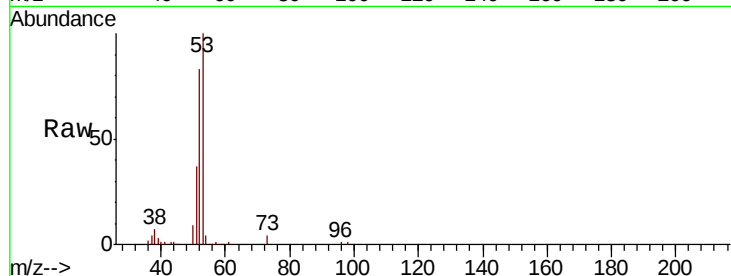
Tot Ion: 53 Resp: 129614

Ion Ratio Lower Upper

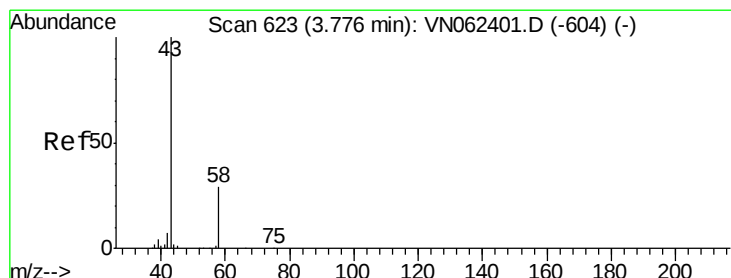
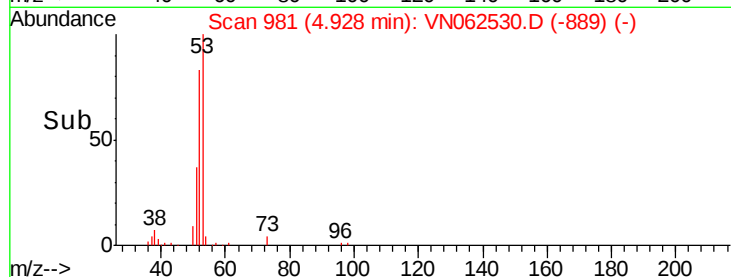
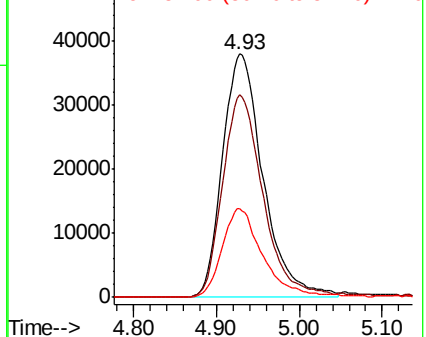
53 100

52 82.6 66.2 99.4

51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 83.740 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062530.D

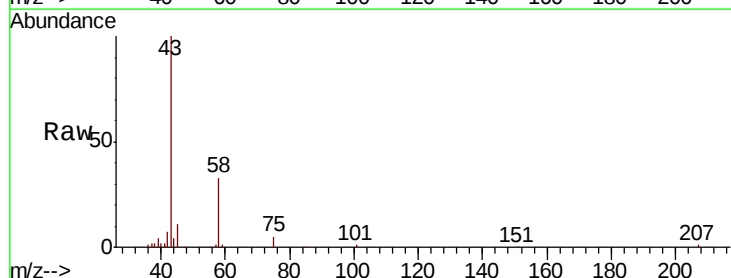
Acq: 15 Jul 2020 12:55

Tgt Ion: 43 Resp: 108355

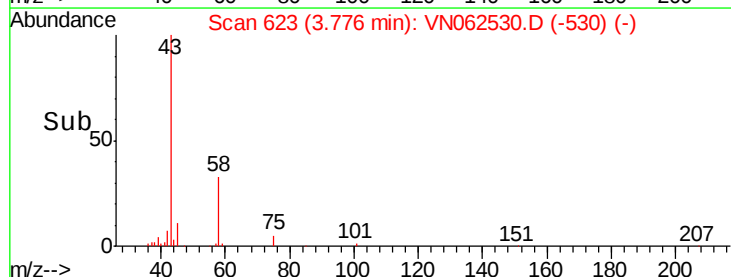
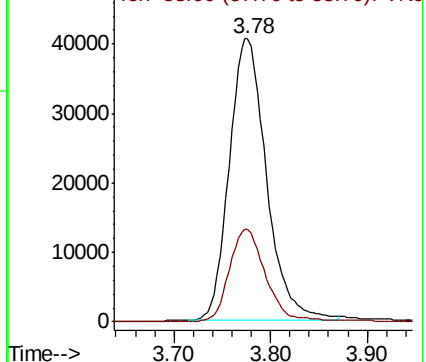
Ion Ratio Lower Upper

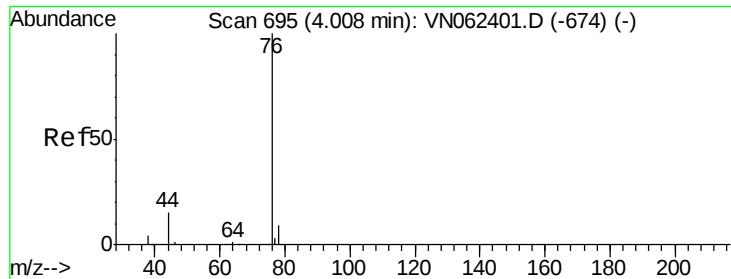
43 100

58 32.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

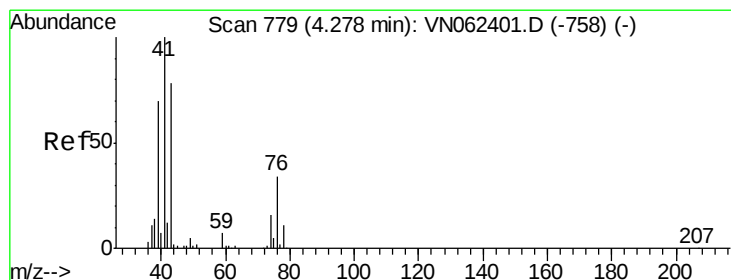
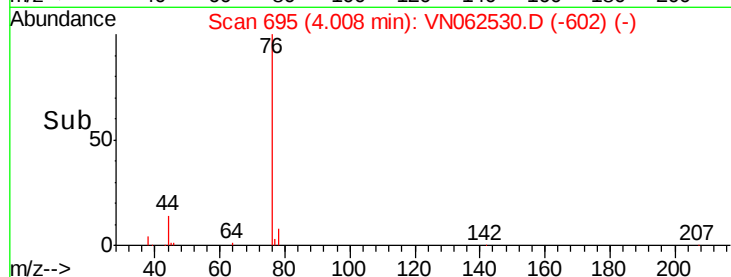
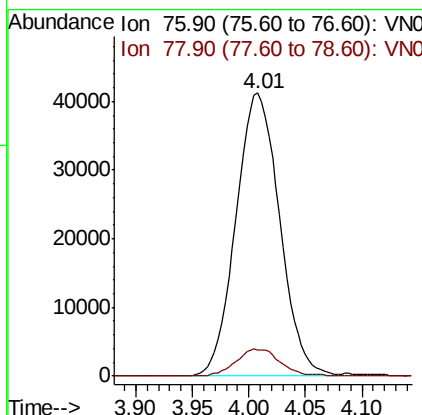
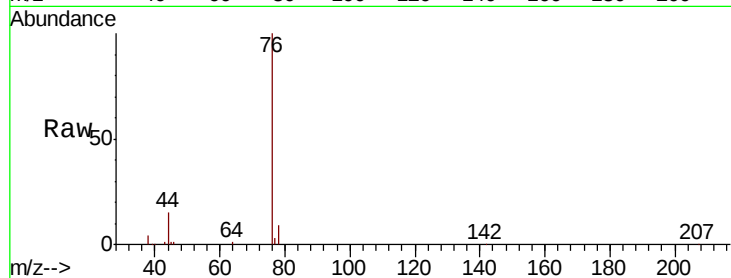




#17
 Carbon Disulfide
 Concen: 17.444 ug/l
 RT: 4.01 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

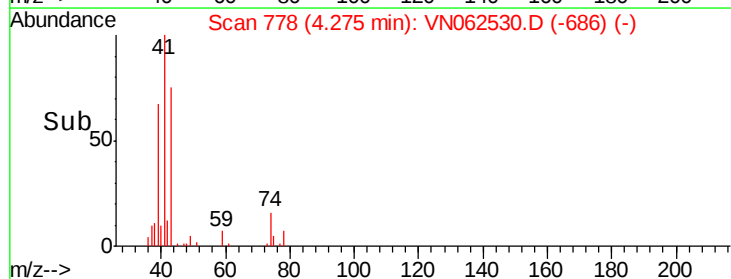
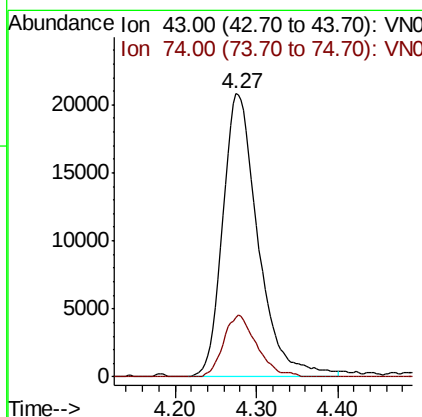
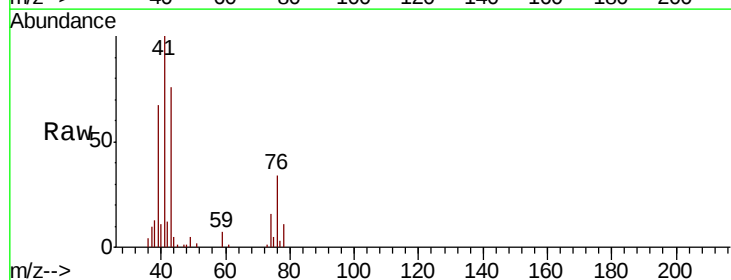
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

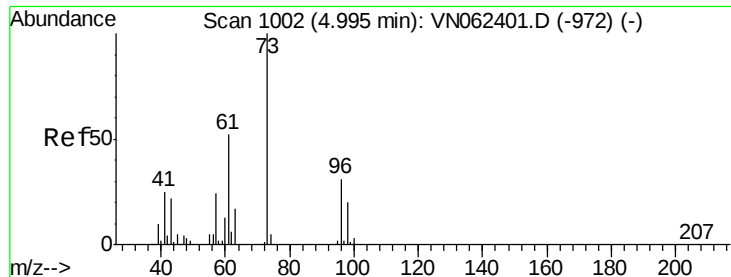
Tot Ion: 76 Resp: 111169
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.3 10.9



#18
 Methyl Acetate
 Concen: 19.657 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion: 43 Resp: 63475
 Ion Ratio Lower Upper
 43 100
 74 20.4 16.0 24.0

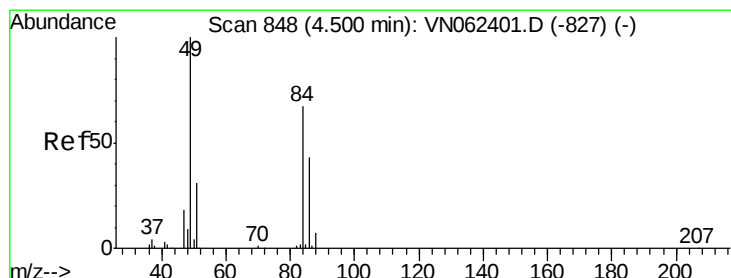
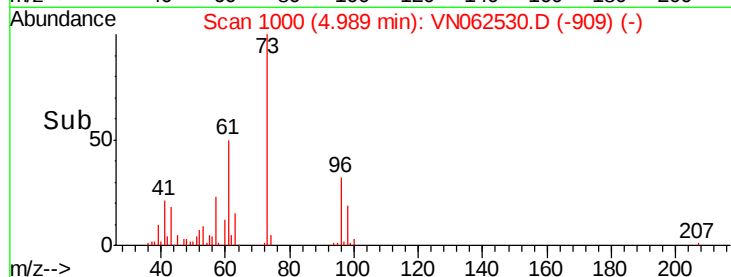
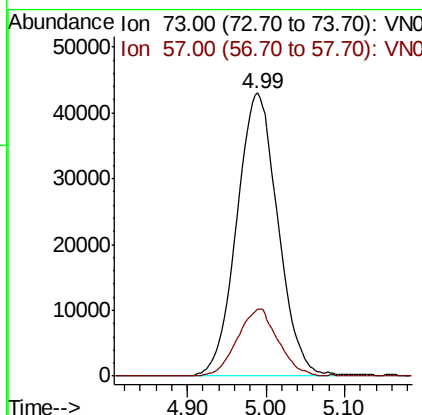
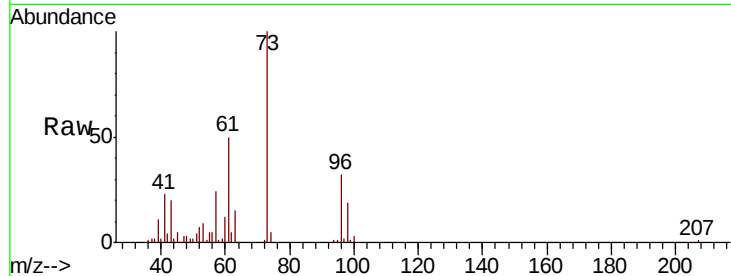




#19
Methyl tert-butyl Ether
Concen: 20.535 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

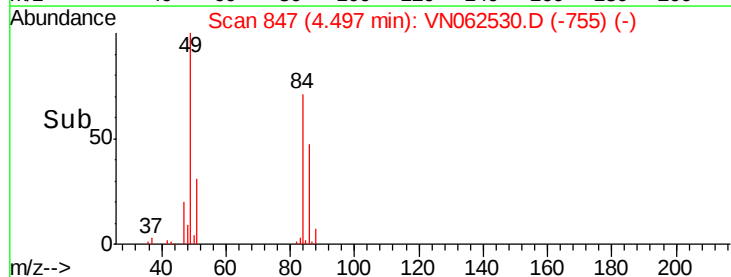
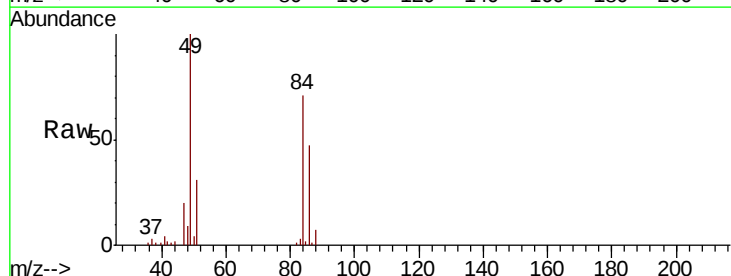
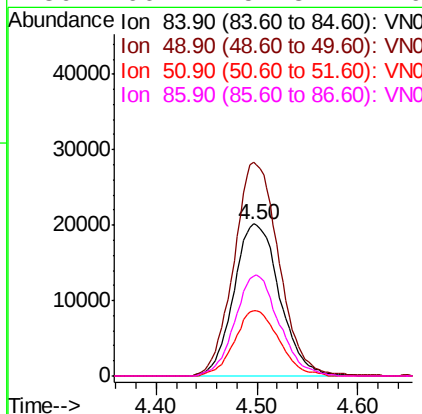
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

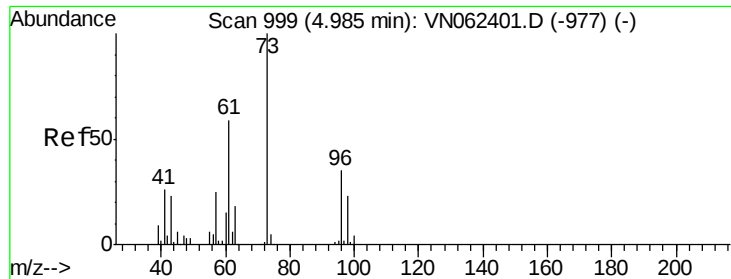
Tot Ion: 73 Resp: 158340
Ion Ratio Lower Upper
73 100
57 23.6 19.4 29.0



#20
Methylene Chloride
Concen: 23.007 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 84 Resp: 63651
Ion Ratio Lower Upper
84 100
49 140.5 120.0 180.0
51 43.2 37.0 55.6
86 66.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.697 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

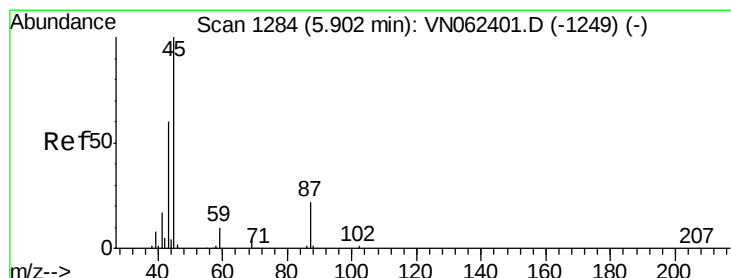
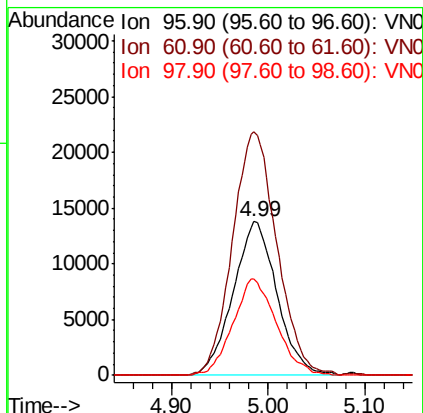
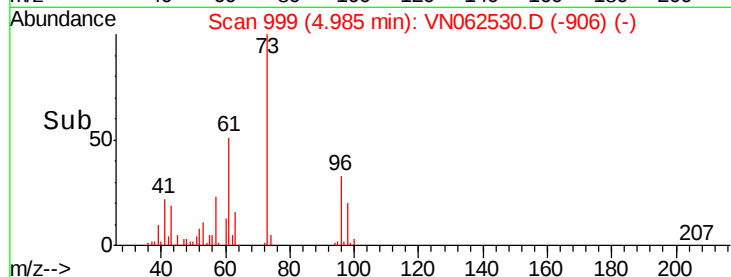
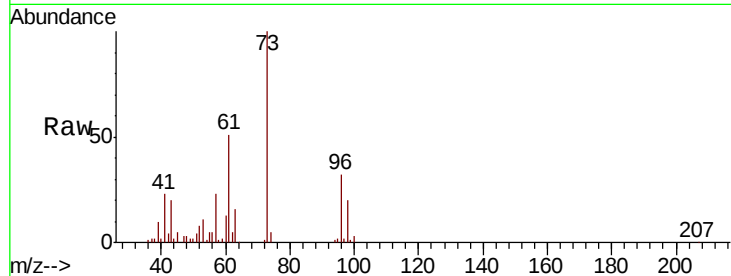
Tot Ion: 96 Resp: 43398

Ion Ratio Lower Upper

96 100

61 158.2 133.5 200.3

98 63.0 51.9 77.9



#22

Diisopropyl ether

Concen: 19.939 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Tgt Ion: 45 Resp: 188423

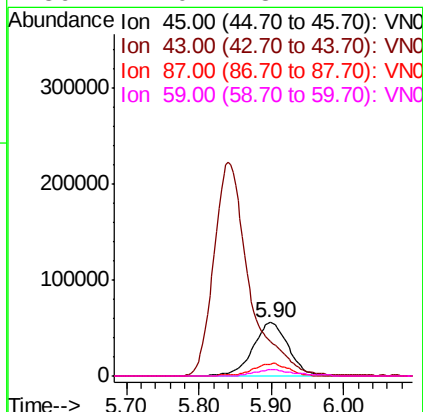
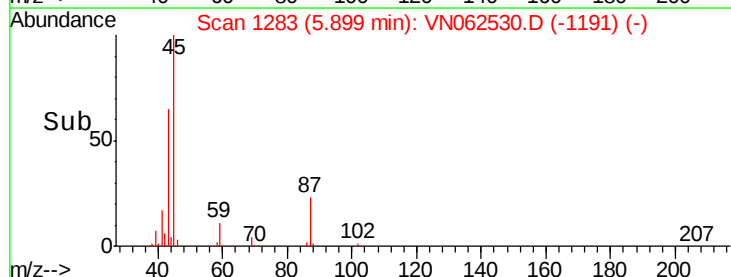
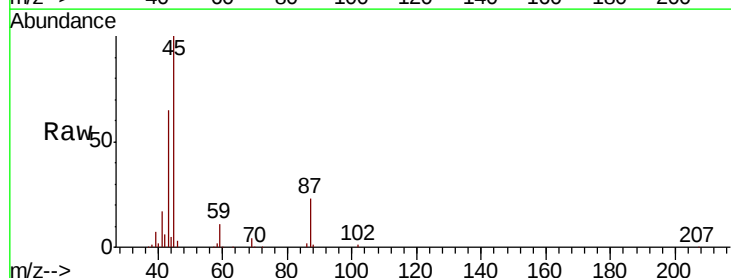
Ion Ratio Lower Upper

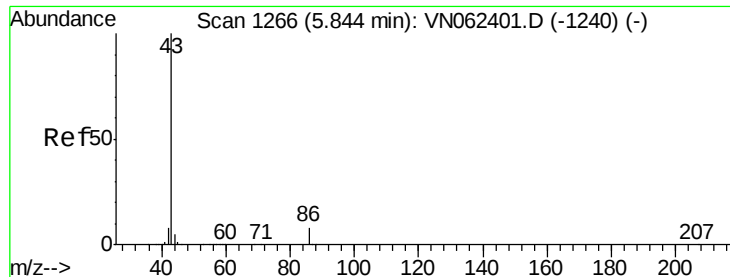
45 100

43 62.3 50.1 75.1

87 22.8 18.2 27.4

59 11.0 8.2 12.2

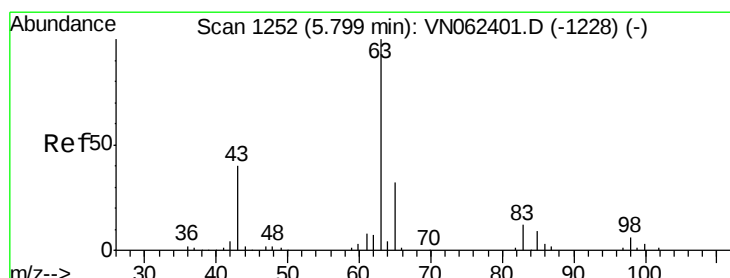
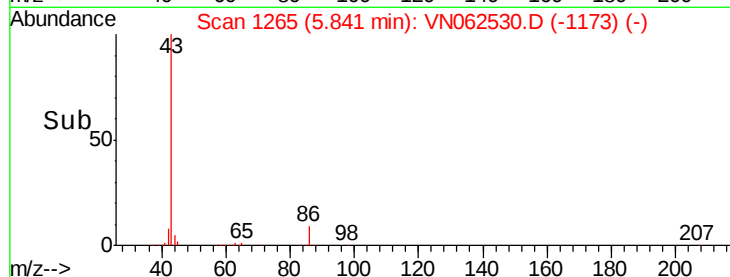
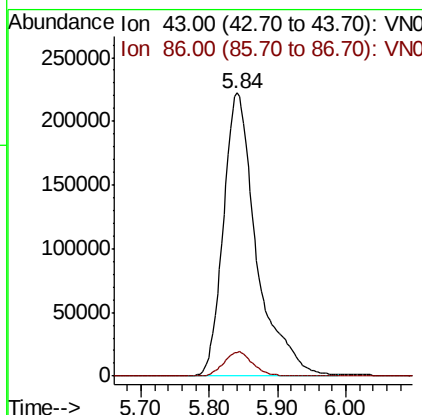
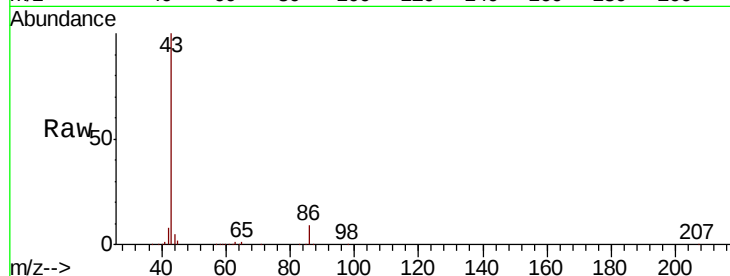




#23
 Vinyl Acetate
 Concen: 96.227 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

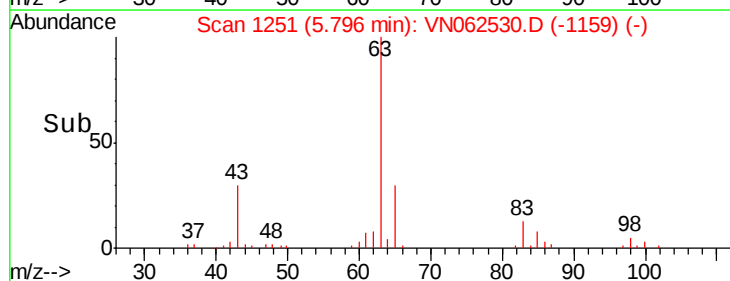
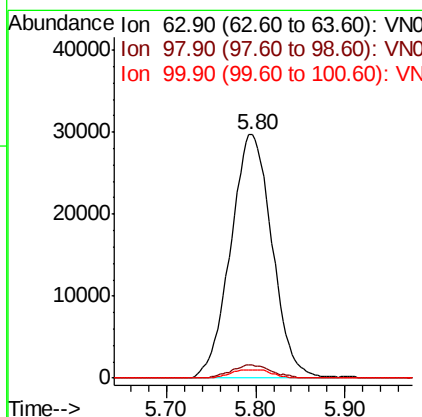
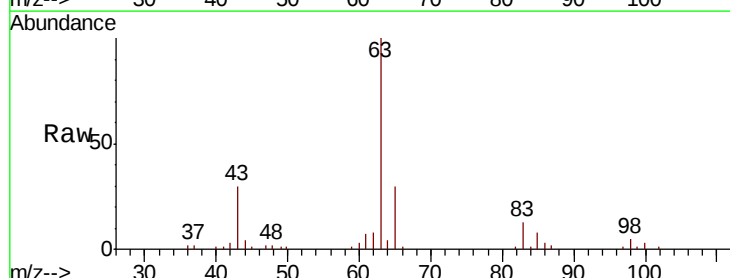
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0715WBSD01

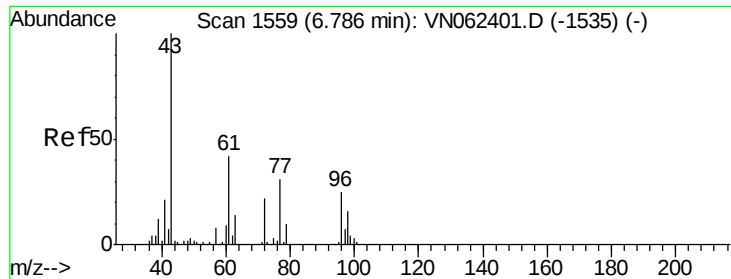
Tot Ion: 43 Resp: 753299
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 19.550 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion: 63 Resp: 95466
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.9 8.8
 100 3.4 1.8 5.3





#25

2-Butanone

Concen: 90.391 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

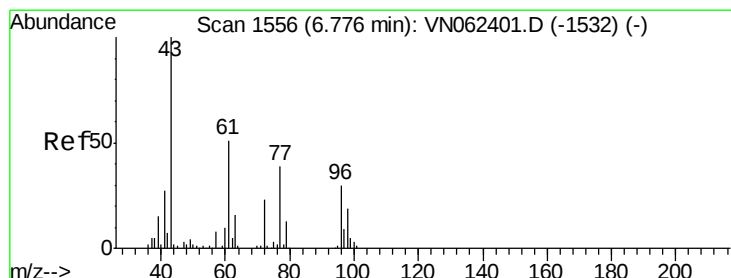
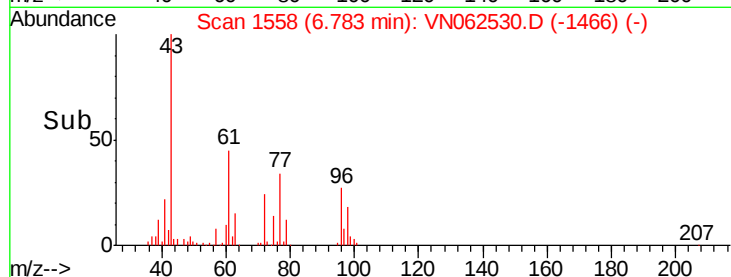
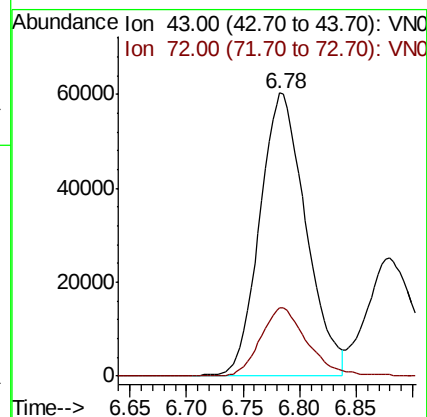
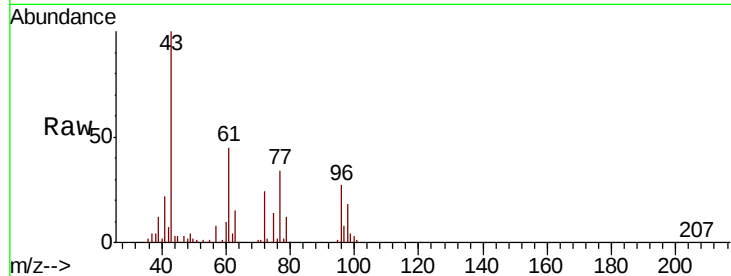
VN0715WBSD01

Tot Ion: 43 Resp: 170814

Ion Ratio Lower Upper

43 100

72 24.1 17.9 26.9



#26

2,2-Dichloropropane

Concen: 20.030 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062530.D

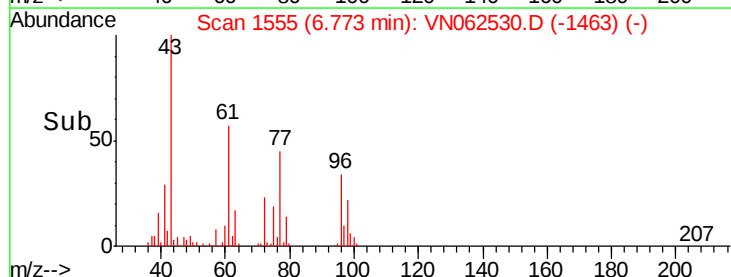
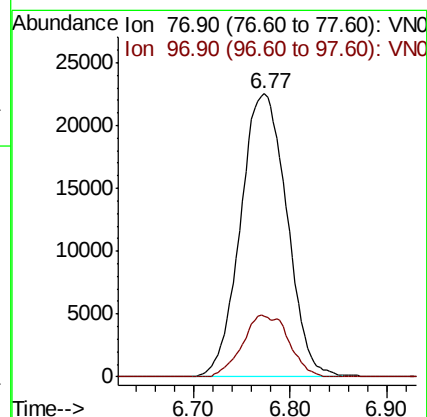
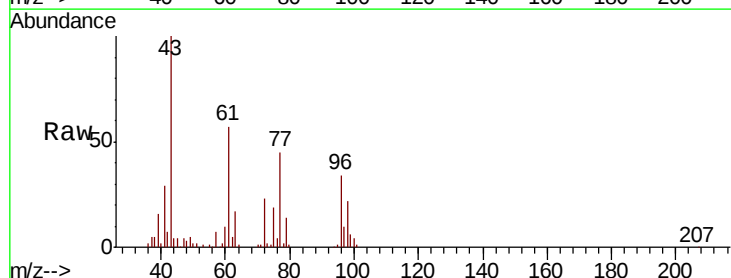
Acq: 15 Jul 2020 12:55

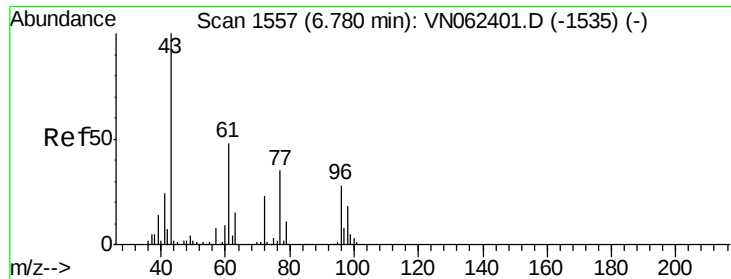
Tgt Ion: 77 Resp: 74996

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9

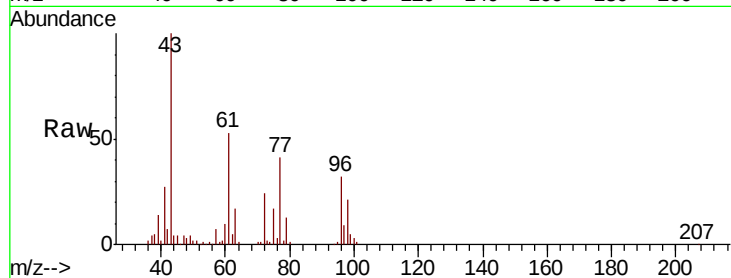




#27
 cis-1,2-Dichloroethene
 Concen: 19.943 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

Tot Ion	96	Resp	50895
Ion	Ratio	Lower	Upper
96	100		
61	169.1	0.0	343.4
98	66.5	0.0	128.4

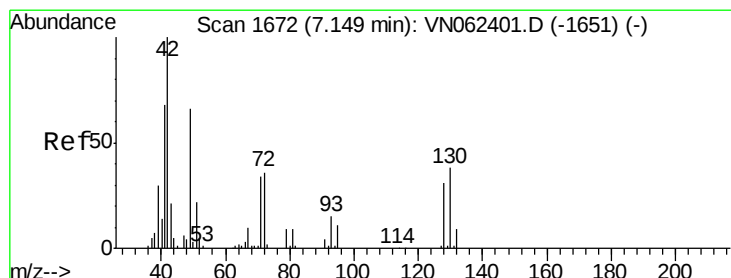
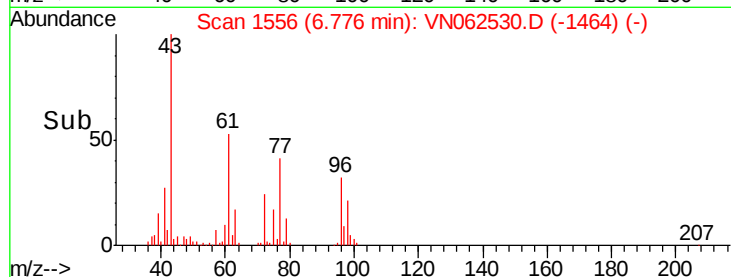
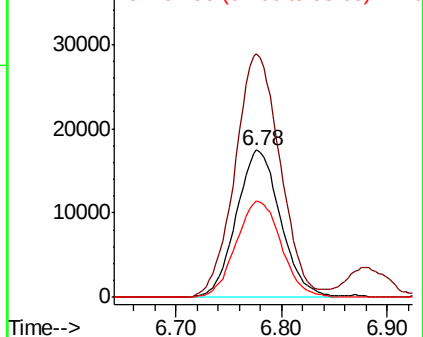


Abundance

Ion 95.90 (95.60 to 96.60): VN0

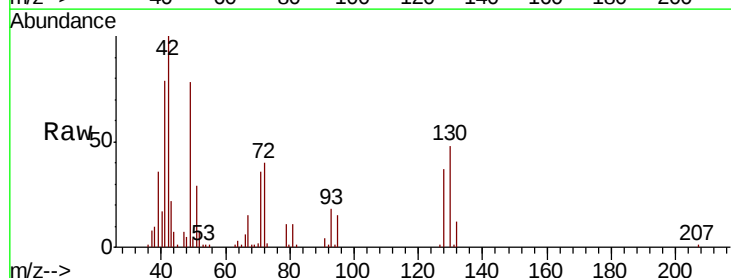
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 19.259 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion	49	Resp	51095
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	2.8
130	61.0	46.5	69.7

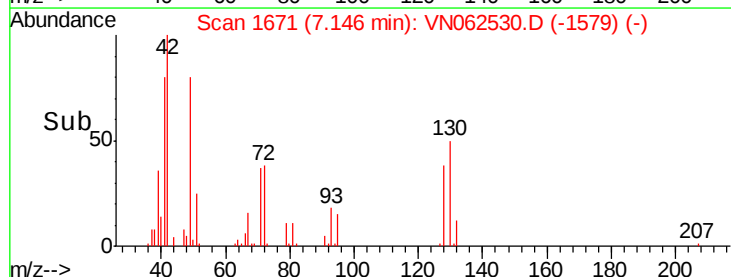
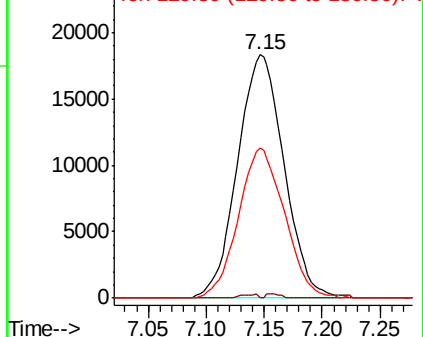


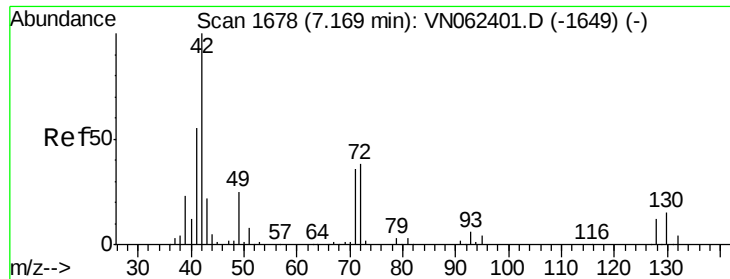
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

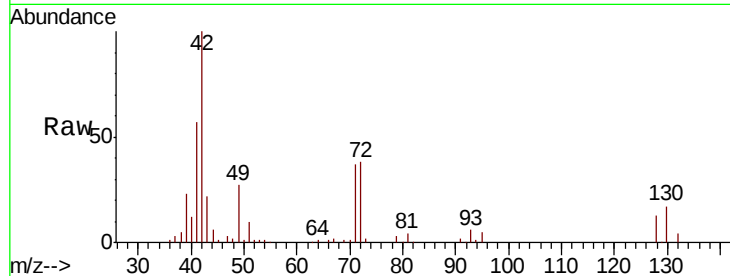




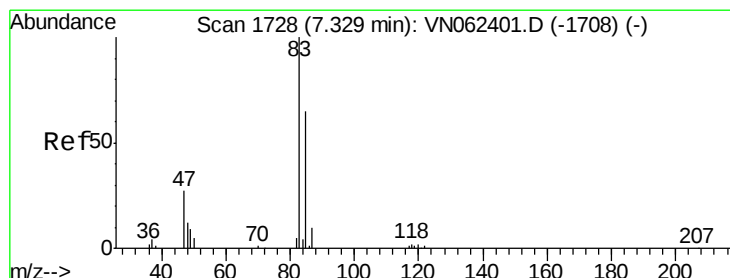
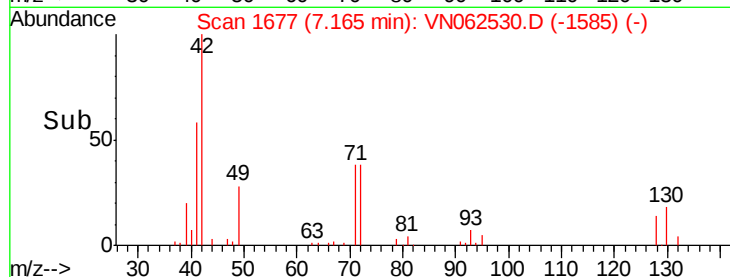
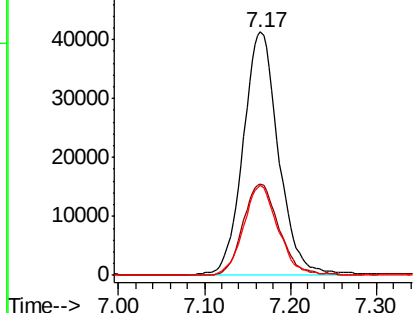
#29
Tetrahydrofuran
Concen: 93.092 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tot Ion: 42 Resp: 118438
Ion Ratio Lower Upper
42 100
72 38.2 29.1 43.7
71 36.1 28.1 42.1

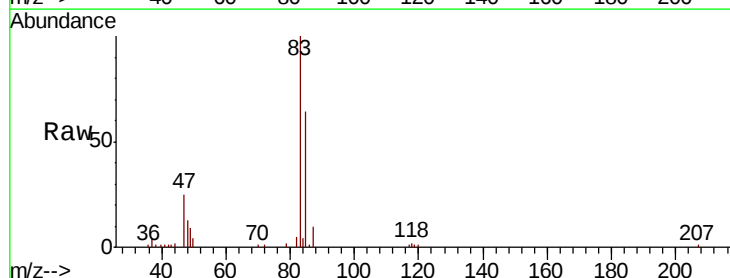


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

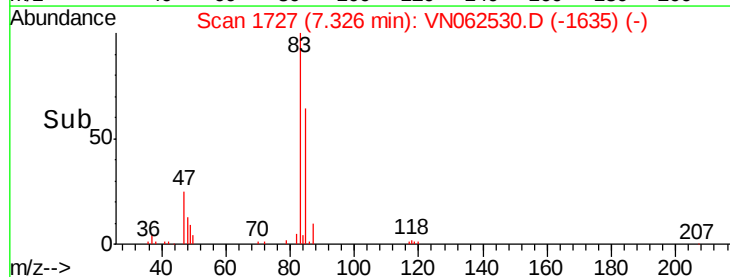
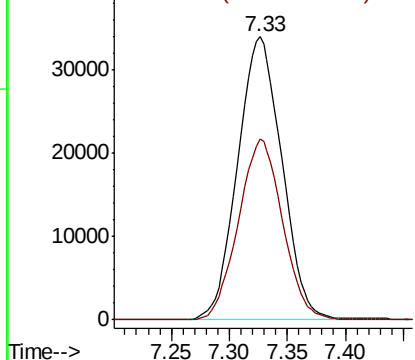


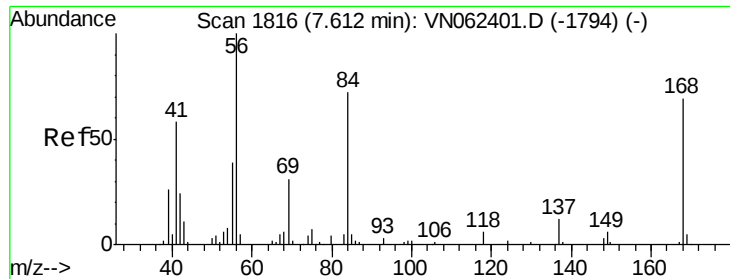
#30
Chloroform
Concen: 20.385 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 83 Resp: 89881
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

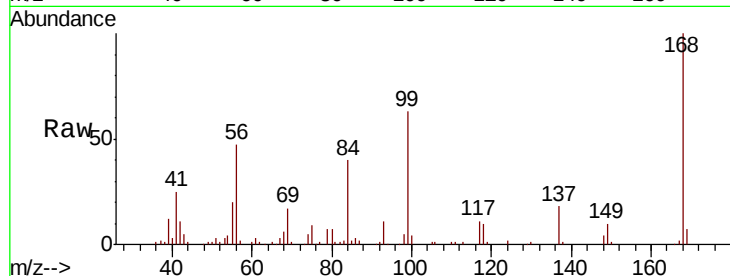




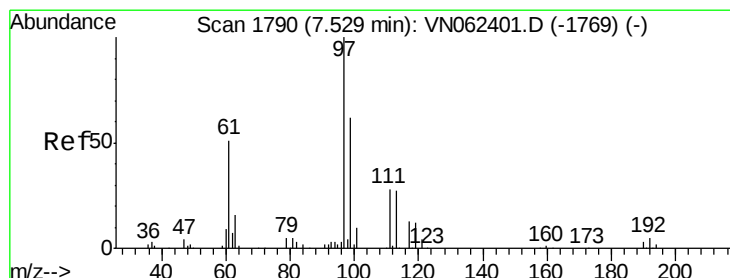
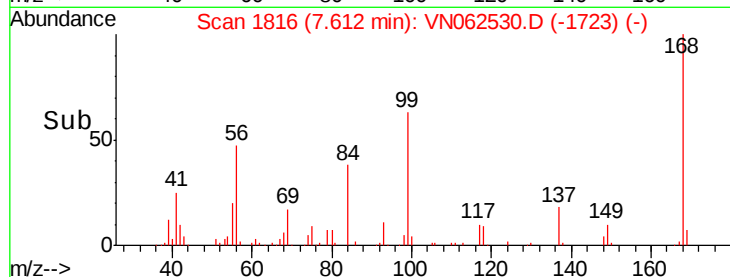
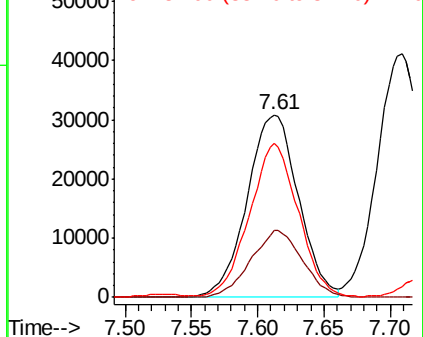
#31
Cyclohexane
Concen: 18.004 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tot Ion: 56 Resp: 83348
Ion Ratio Lower Upper
56 100
69 36.5 24.5 36.7
84 83.4 57.4 86.2

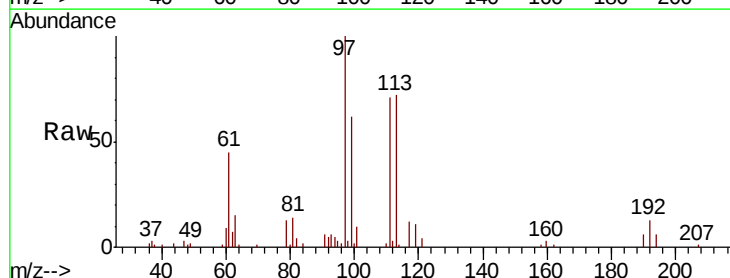


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

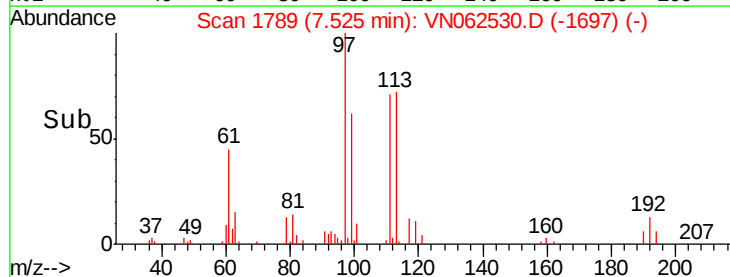
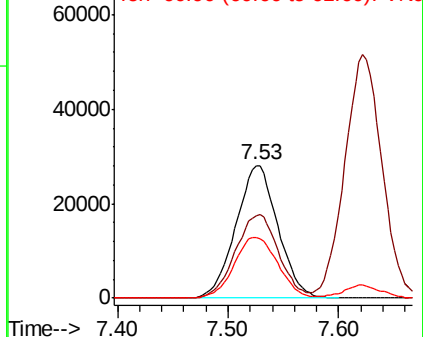


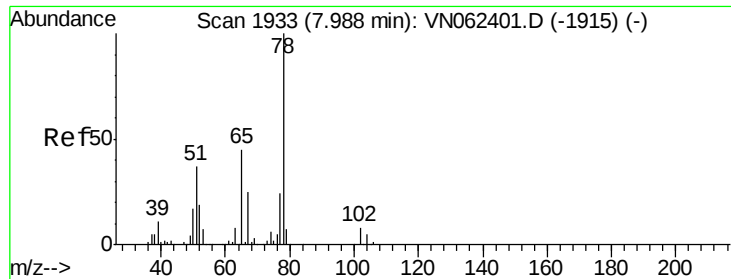
#32
1,1,1-Trichloroethane
Concen: 20.250 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 97 Resp: 74267
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 47.5 39.9 59.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

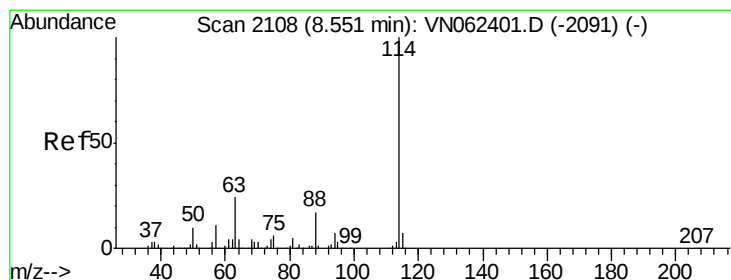
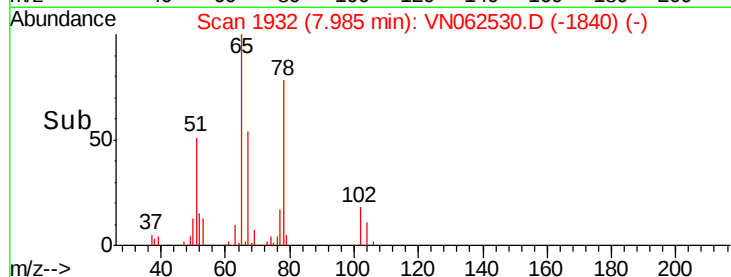
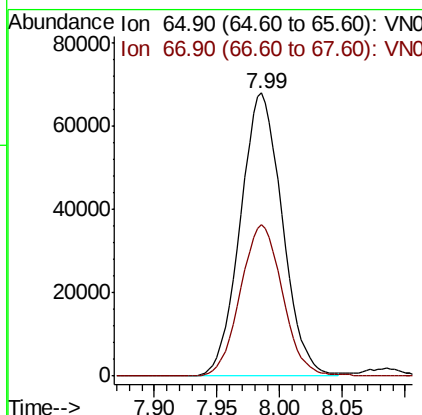
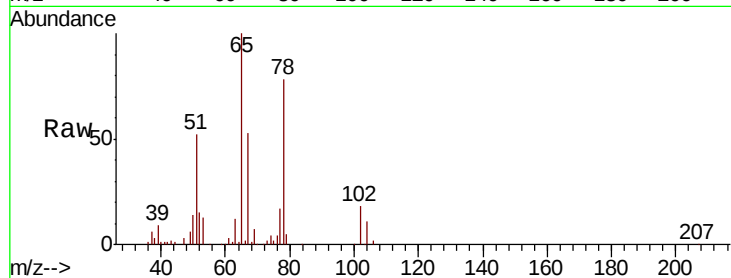




#33
 1,2-Dichloroethane-d4
 Concen: 52.026 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

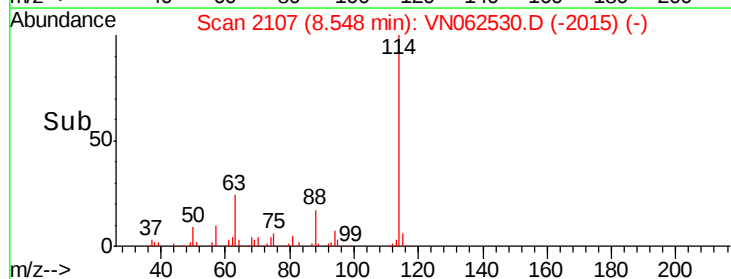
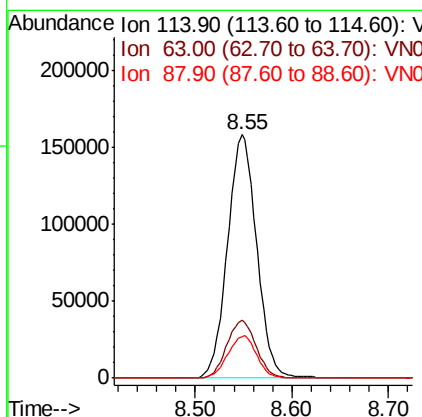
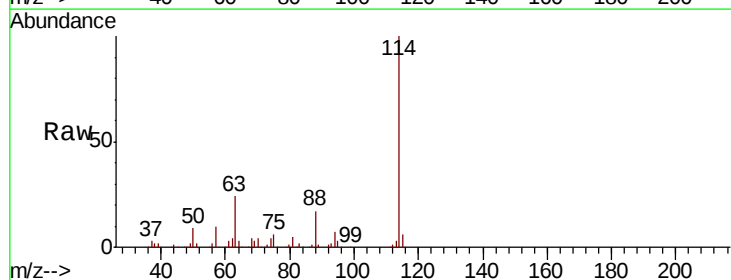
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

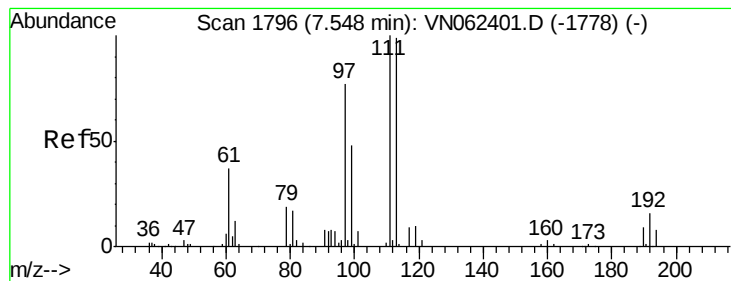
Tot Ion: 65 Resp: 158562
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion: 114 Resp: 331536
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.4
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.176 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

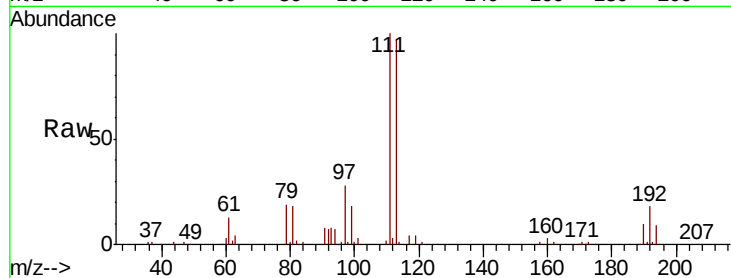
Tot Ion:113 Resp: 113074

Ion Ratio Lower Upper

113 100

111 102.0 83.1 124.7

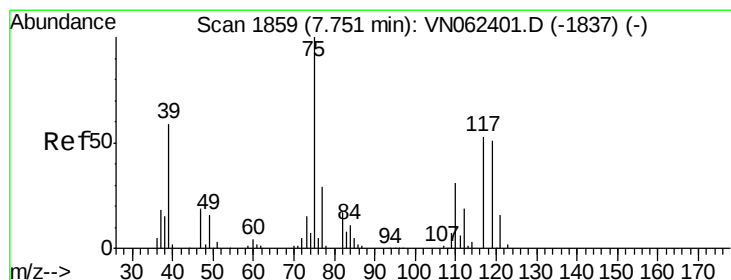
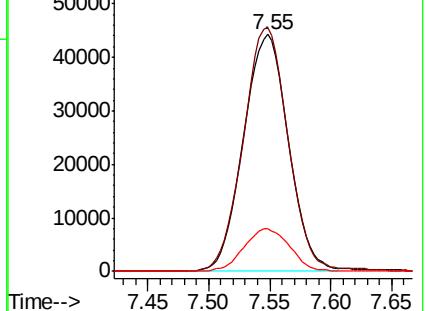
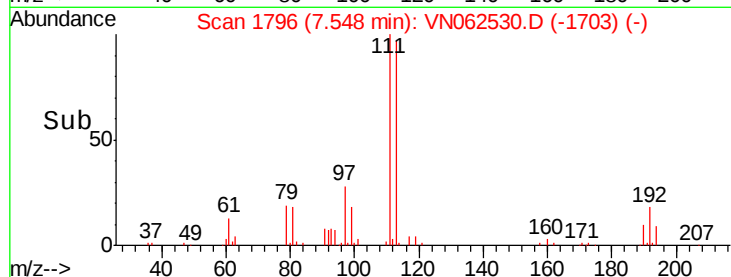
192 18.1 14.1 21.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.801 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

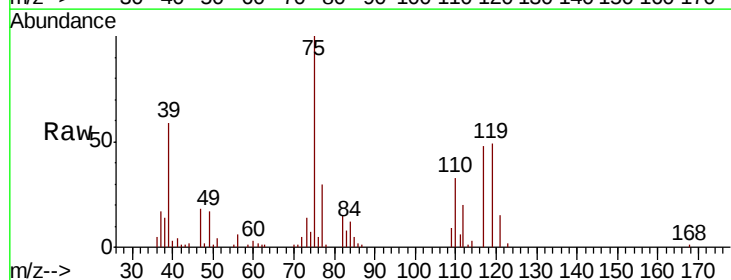
Tgt Ion: 75 Resp: 66139

Ion Ratio Lower Upper

75 100

110 31.0 15.4 46.2

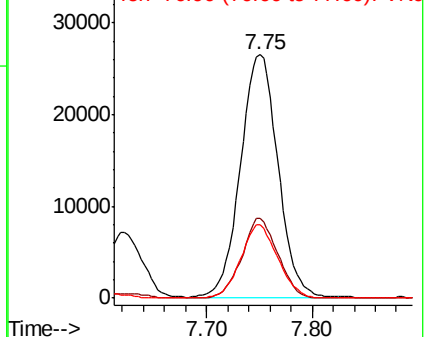
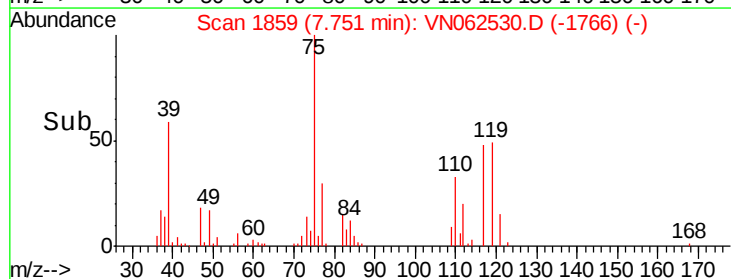
77 29.5 24.1 36.1

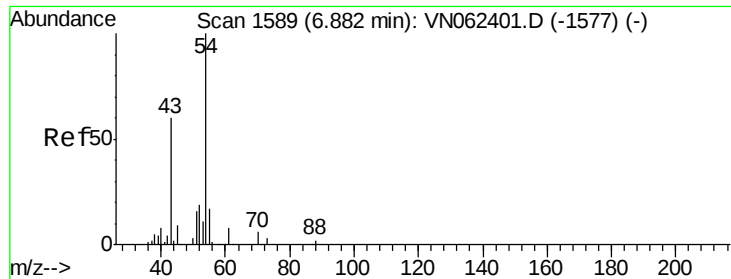


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

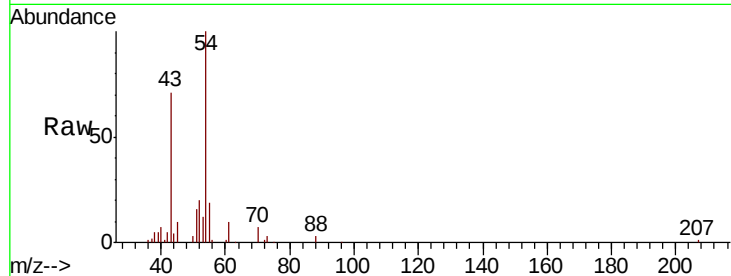




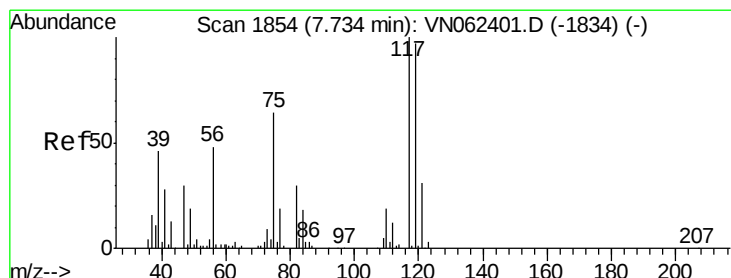
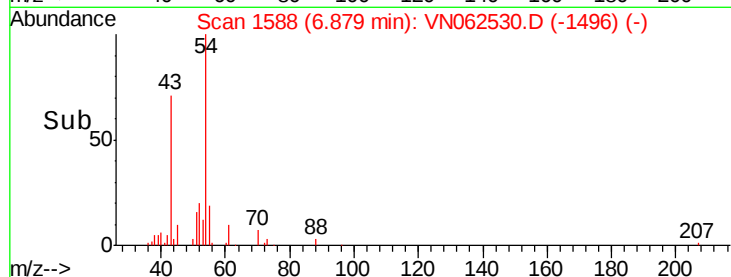
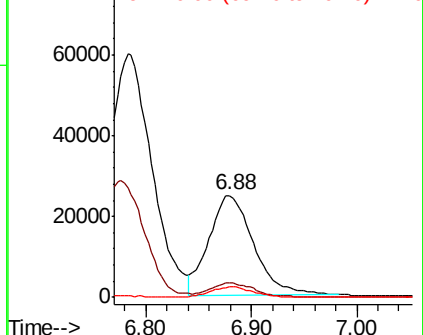
#37
Ethyl Acetate
Concen: 18.842 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tot Ion: 43 Resp: 73592
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.0 7.2 10.8

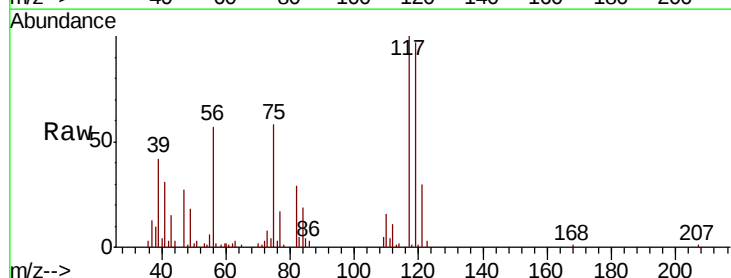


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

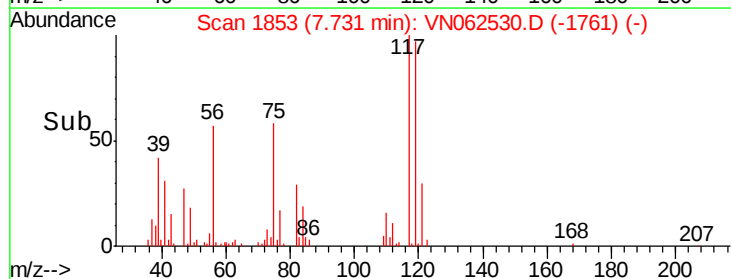
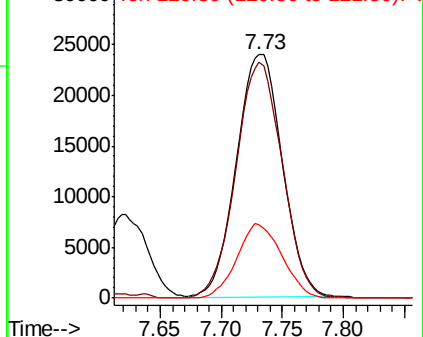


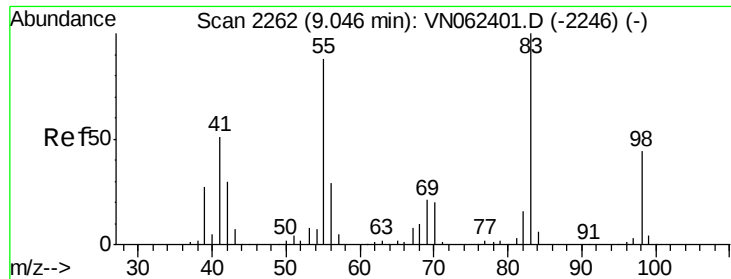
#38
Carbon Tetrachloride
Concen: 20.781 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 117 Resp: 62403
Ion Ratio Lower Upper
117 100
119 97.3 77.2 115.8
121 30.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

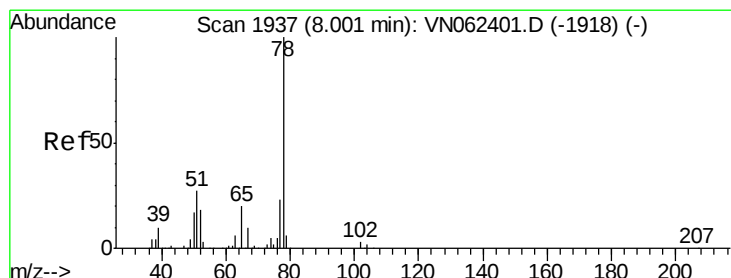
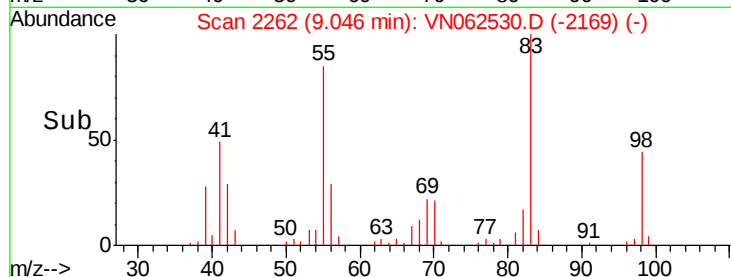
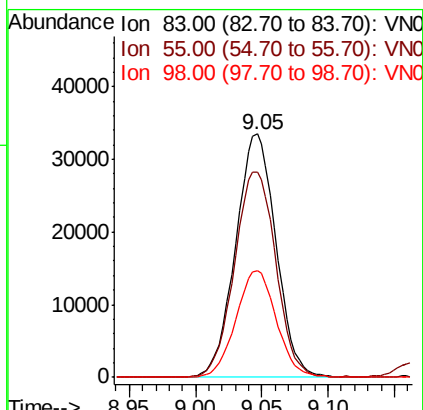
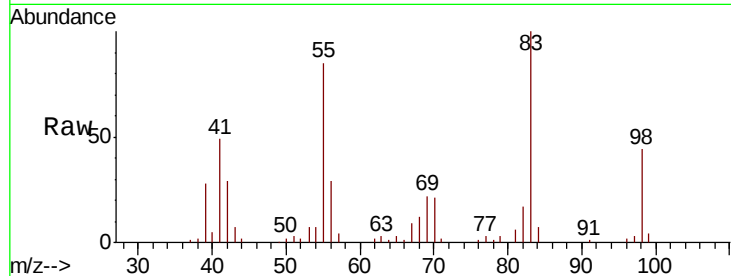




#39
Methvlcvclohexane
Concen: 19.853 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

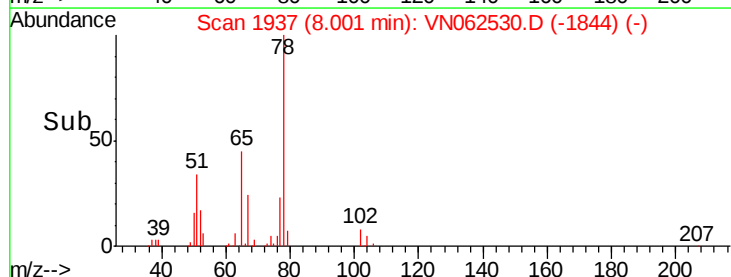
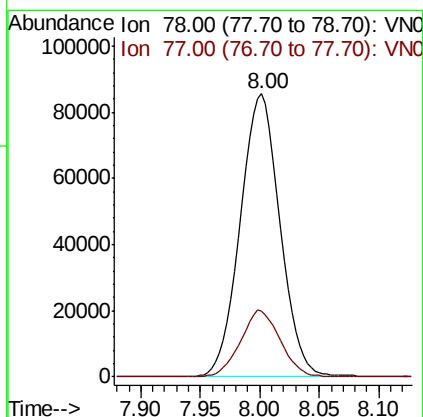
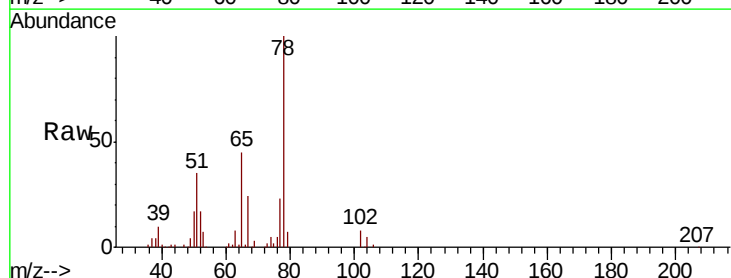
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

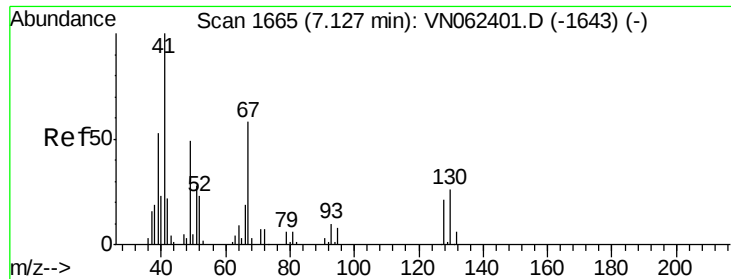
Tot Ion: 83 Resp: 70797
Ion Ratio Lower Upper
83 100
55 84.5 70.5 105.7
98 43.8 35.5 53.3



#40
Benzene
Concen: 20.105 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 78 Resp: 197919
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

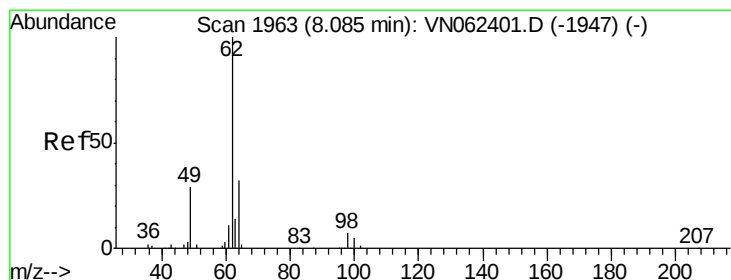
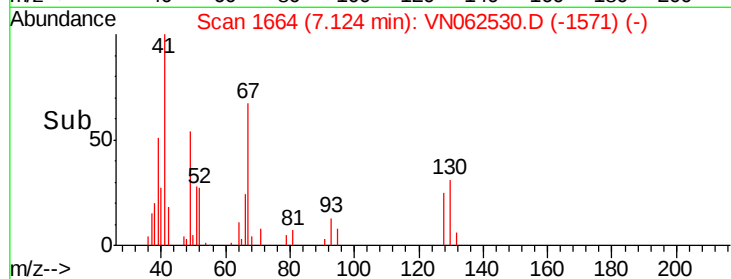
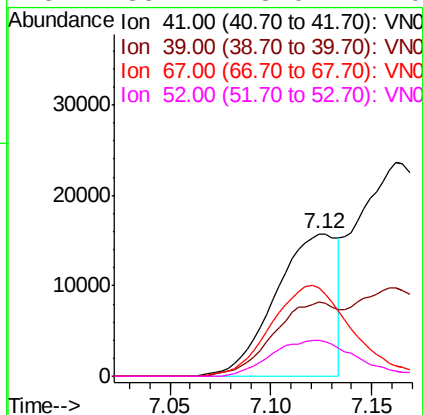
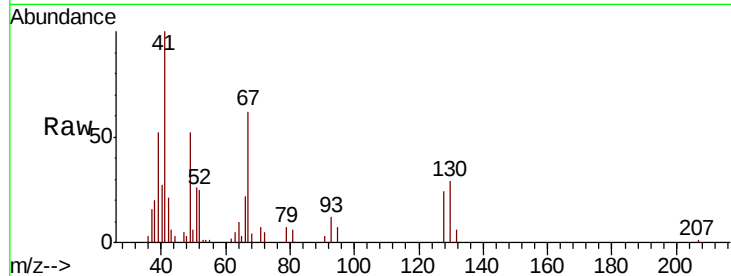




#41
Methacrylonitrile
Concen: 20.562 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

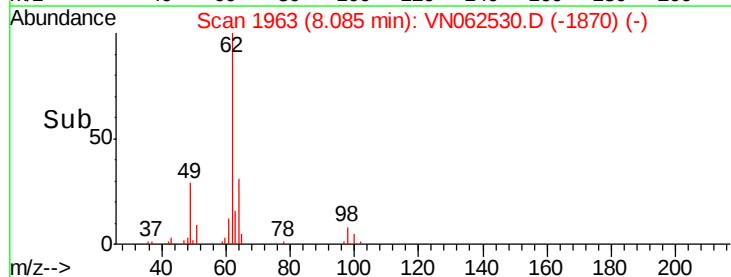
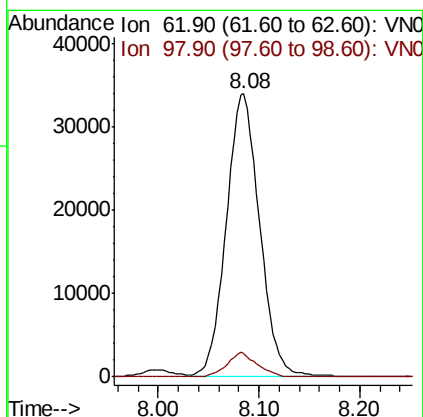
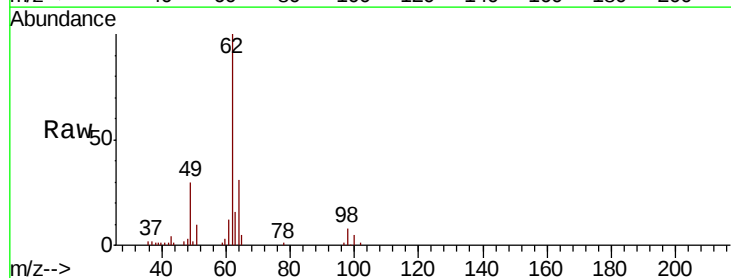
Instrument :
MSVOA_N
ClientSampled :
VN0715WBSD01

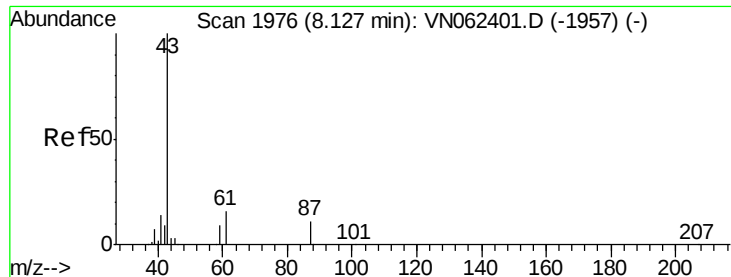
Tot Ion:	41	Resp:	33554
Ion	Ratio	Lower	Upper
41	100		
39	56.7	50.2	75.2
67	83.5	64.2	96.2
52	35.1	28.0	42.0



#42
1,2-Dichloroethane
Concen: 21.757 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion:	62	Resp:	78424
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.556 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

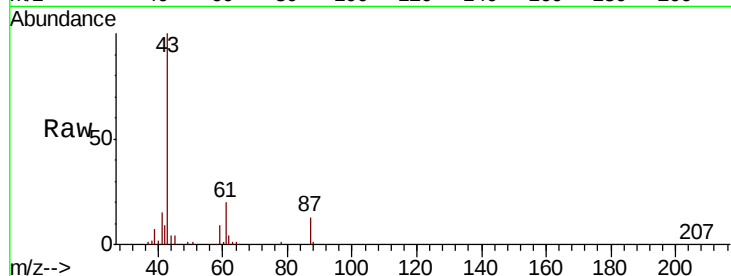
Tot Ion: 43 Resp: 120659

Ion Ratio Lower Upper

43 100

61 20.2 19.3 28.9

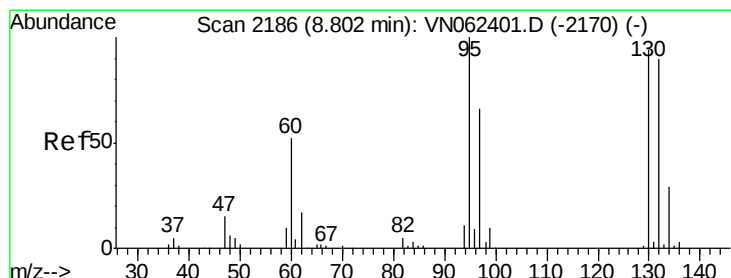
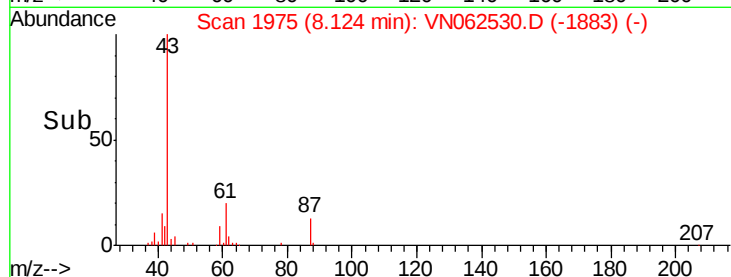
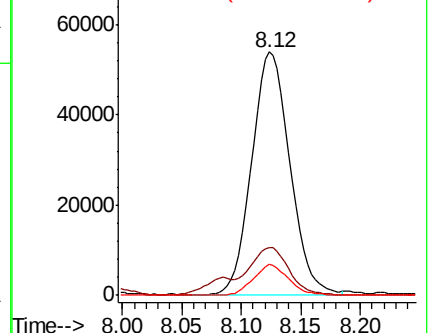
87 11.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 20.287 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062530.D

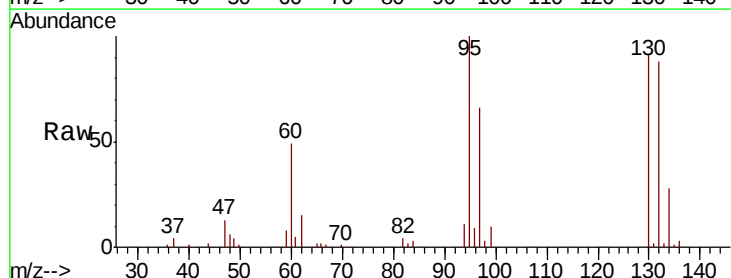
Acq: 15 Jul 2020 12:55

Tgt Ion: 130 Resp: 44311

Ion Ratio Lower Upper

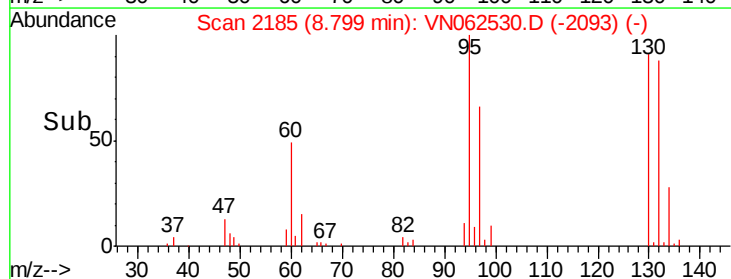
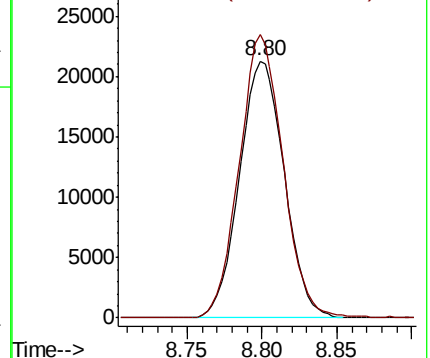
130 100

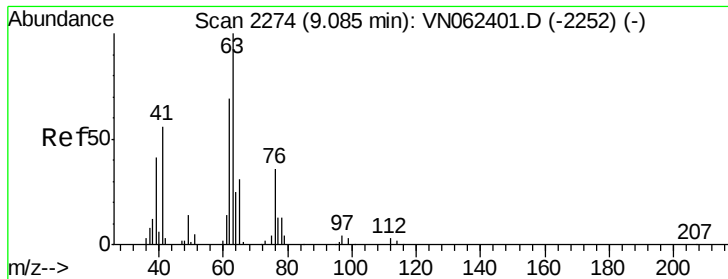
95 110.4 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 21.159 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

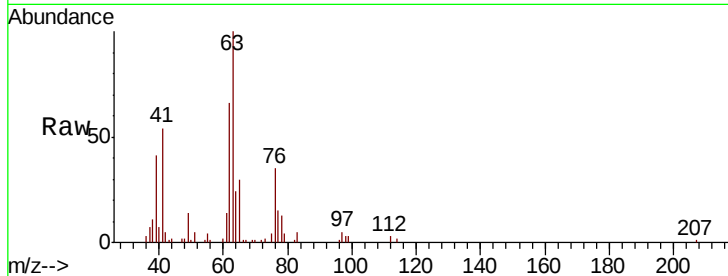
VN0715WBSD01

Tot Ion: 63 Resp: 60468

Ion Ratio Lower Upper

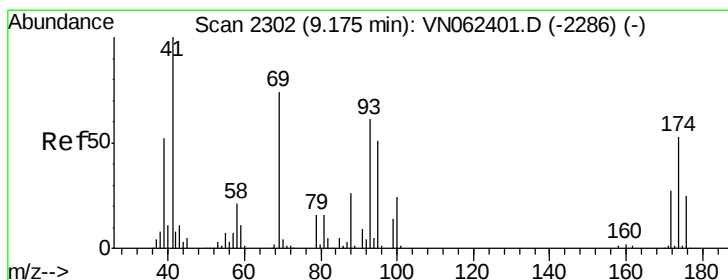
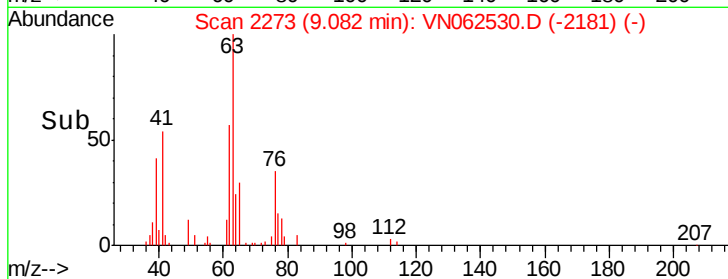
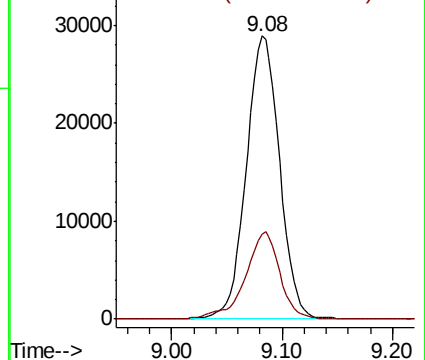
63 100

65 30.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.172 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

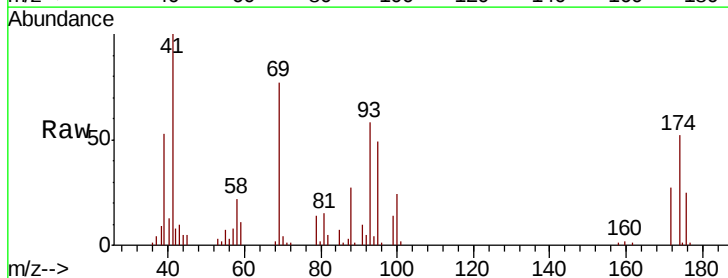
Tgt Ion: 93 Resp: 34144

Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

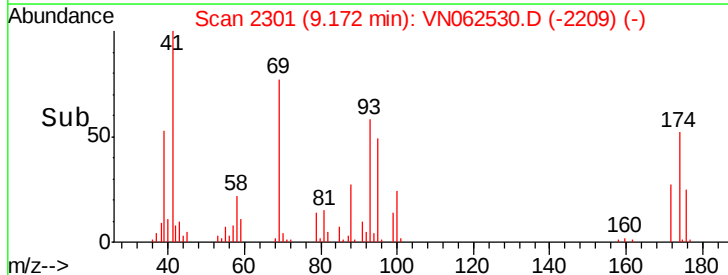
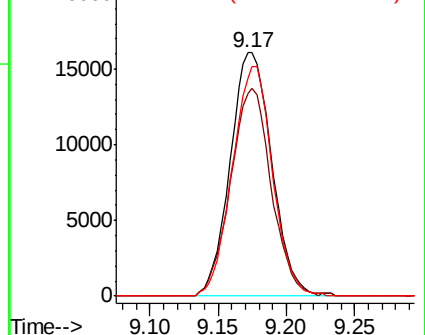
174 91.0 70.4 105.6

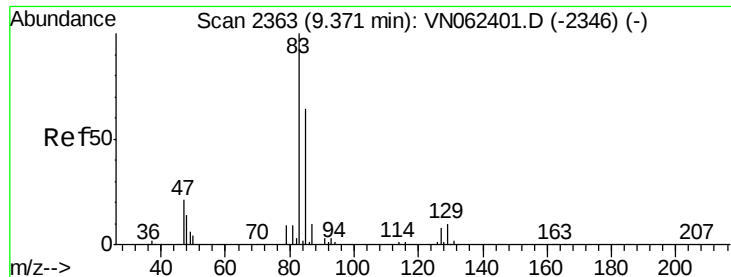


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.183 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

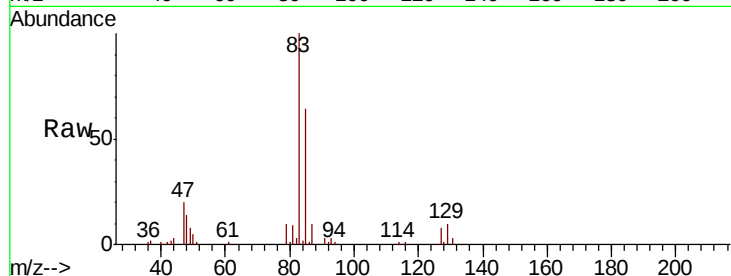
Tot Ion: 83 Resp: 73038

Ion Ratio Lower Upper

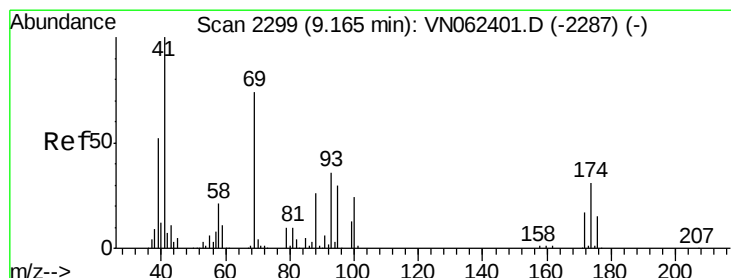
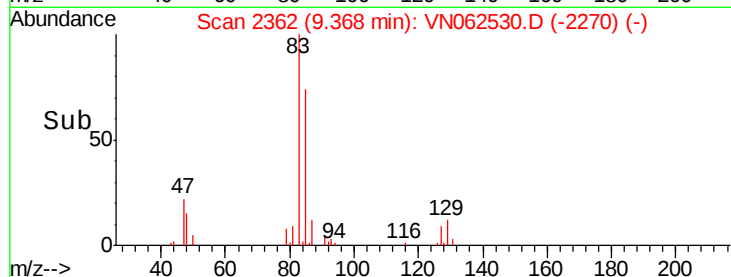
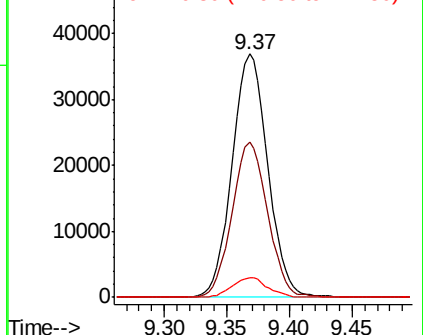
83 100

85 63.6 51.2 76.8

127 8.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.928 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

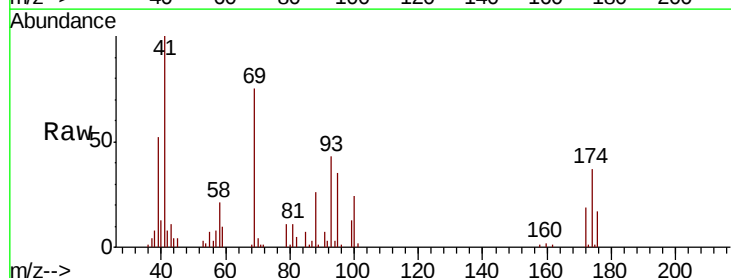
Tgt Ion: 41 Resp: 57287

Ion Ratio Lower Upper

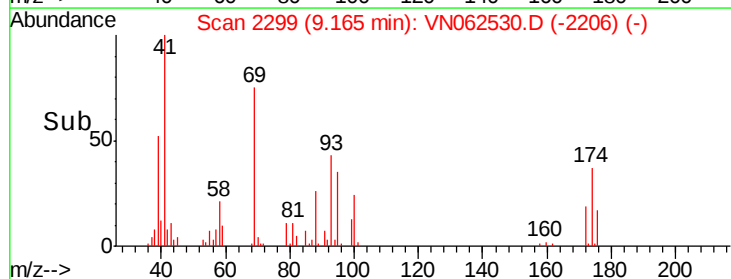
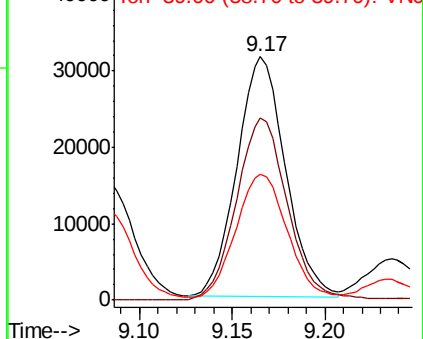
41 100

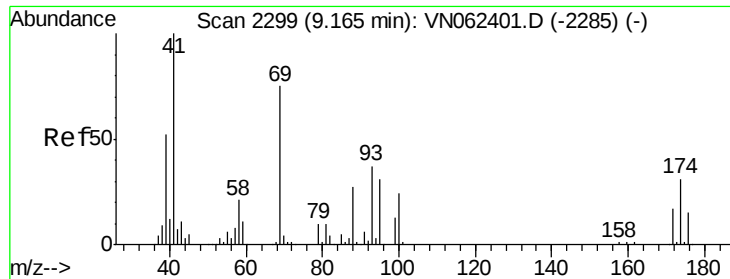
69 80.1 60.8 91.2

39 56.4 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 408.224 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

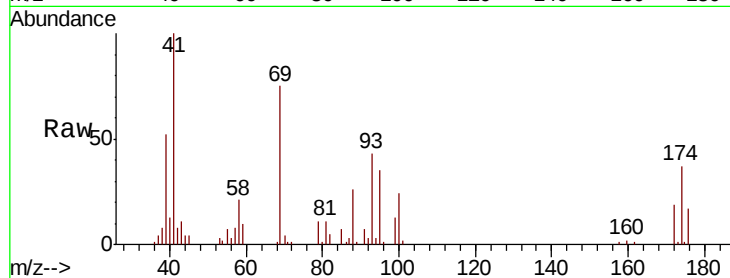
Tot Ion: 88 Resp: 17983

Ion Ratio Lower Upper

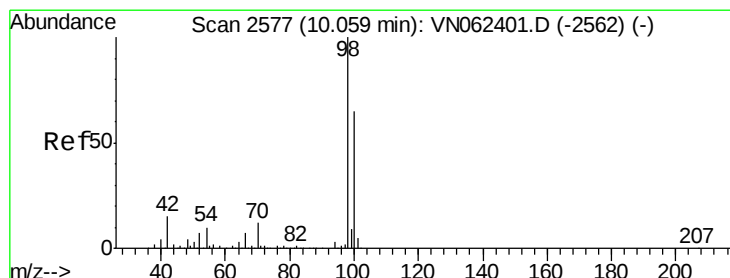
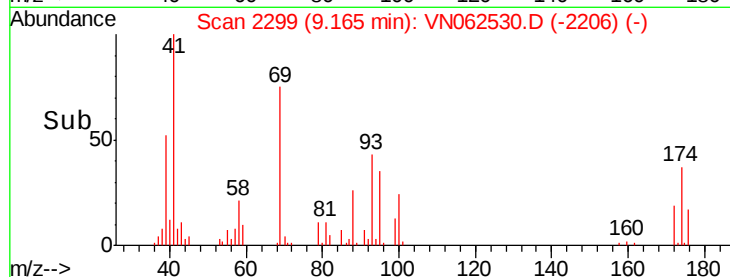
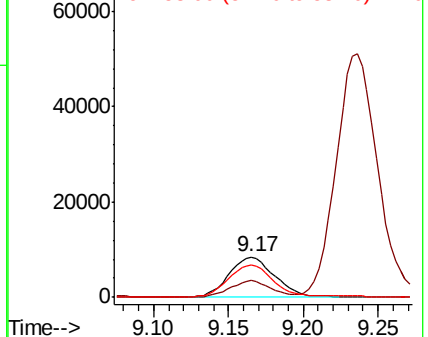
88 100

43 36.6 31.0 46.4

58 79.0 63.3 94.9



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 55.172 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062530.D

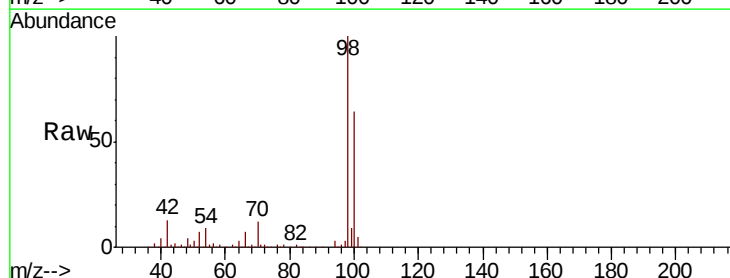
Acq: 15 Jul 2020 12:55

Tgt Ion: 98 Resp: 446352

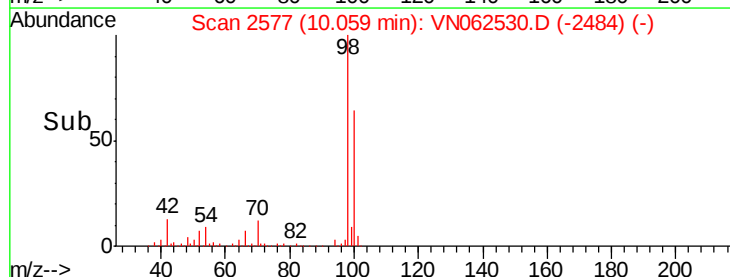
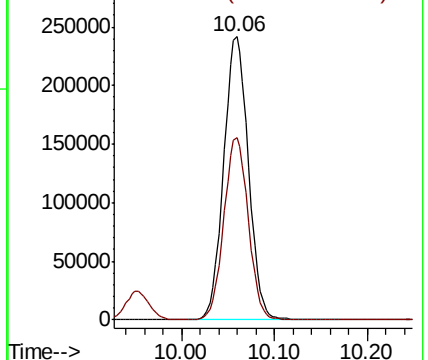
Ion Ratio Lower Upper

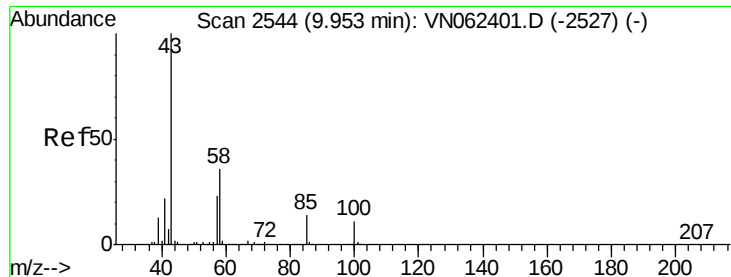
98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 99.897 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

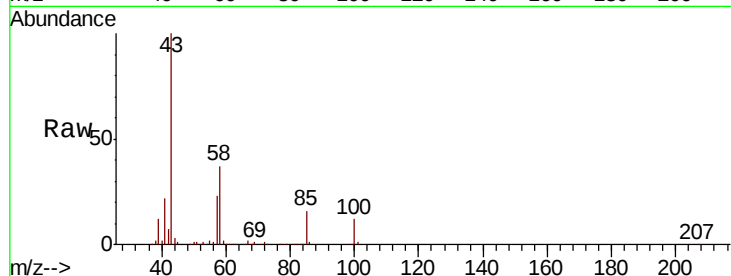
VN0715WBSD01

Tot Ion: 43 Resp: 368138

Ion Ratio Lower Upper

43 100

58 36.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)

9.95

200000

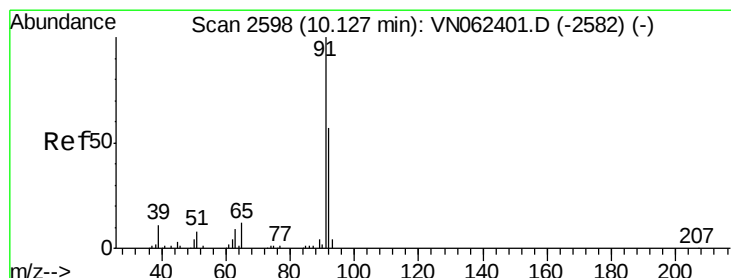
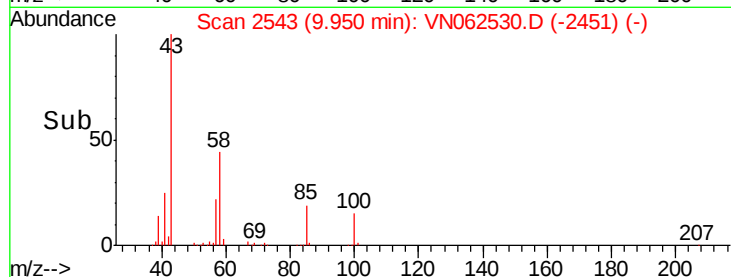
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.376 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062530.D

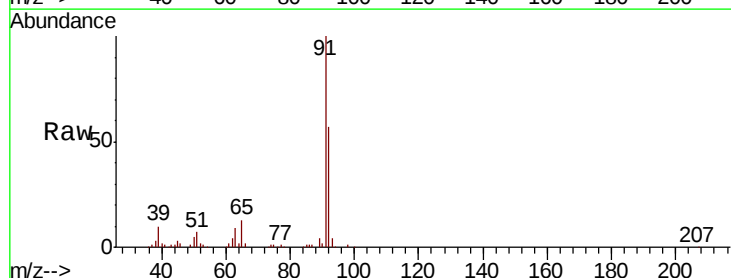
Acq: 15 Jul 2020 12:55

Tgt Ion: 92 Resp: 121547

Ion Ratio Lower Upper

92 100

91 173.1 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062401.D (-2582) (-)

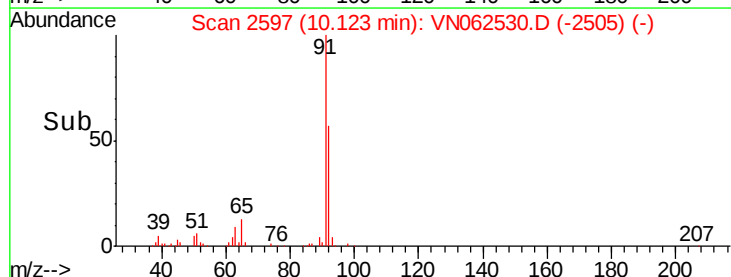
10.12

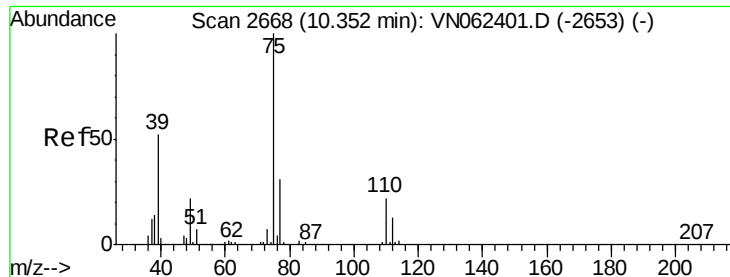
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.009 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

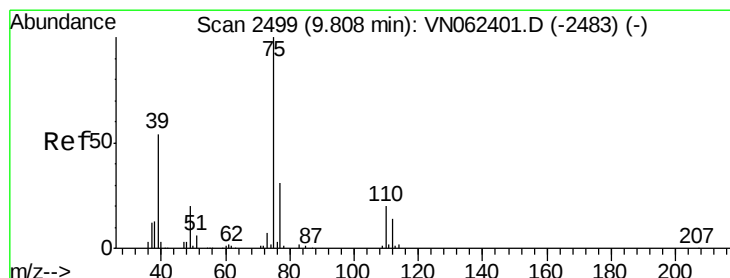
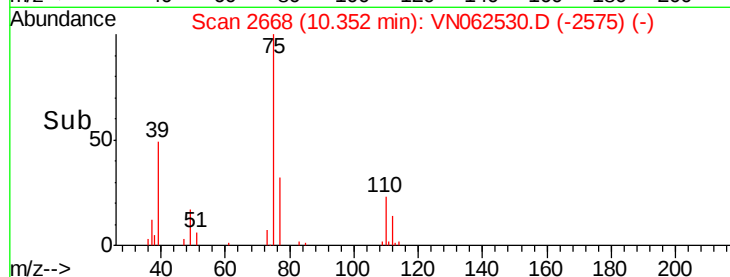
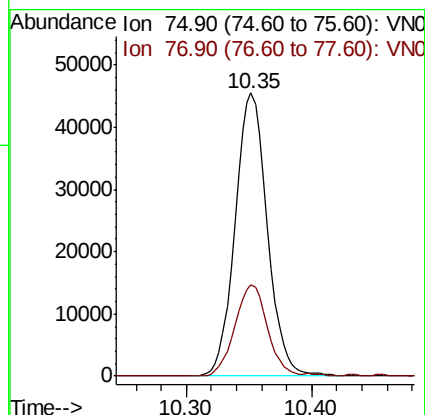
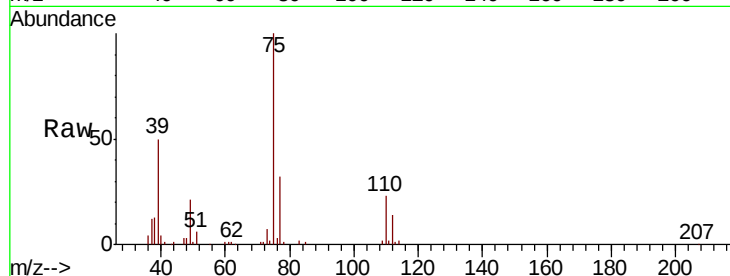
VN0715WBSD01

Tot Ion: 75 Resp: 81152

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.159 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

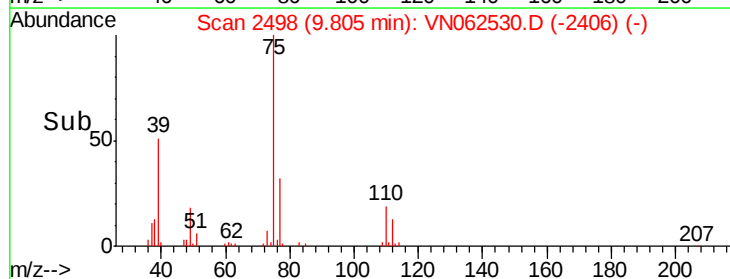
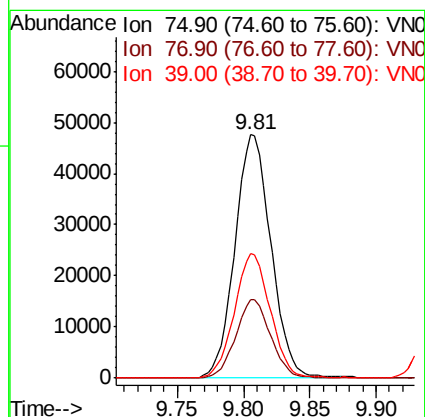
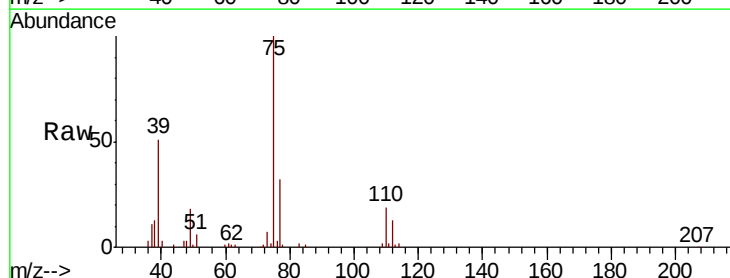
Tgt Ion: 75 Resp: 90181

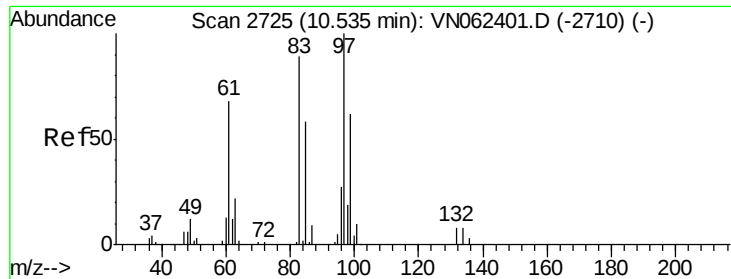
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 51.2 43.4 65.0

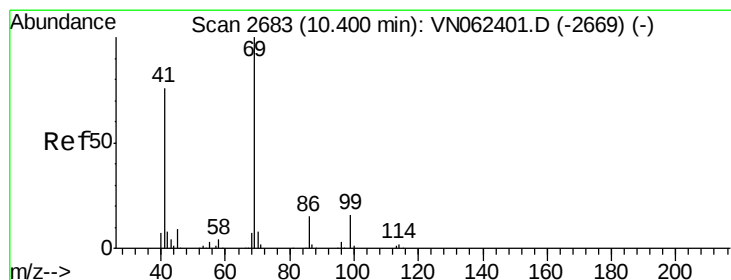
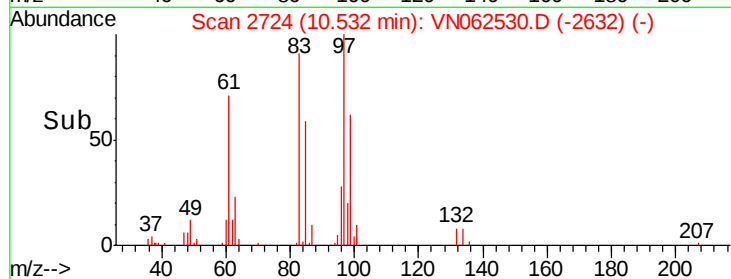
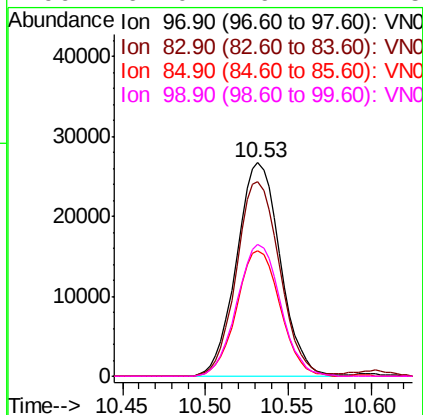
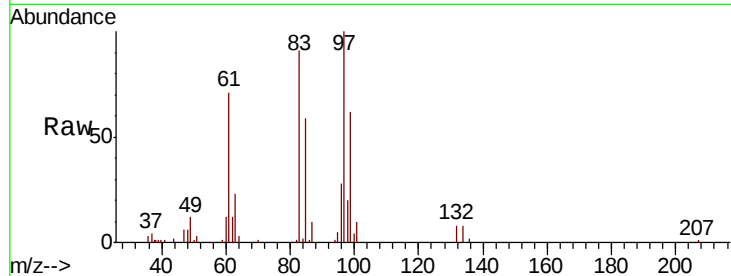




#55
 1,1,2-Trichloroethane
 Concen: 21.963 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

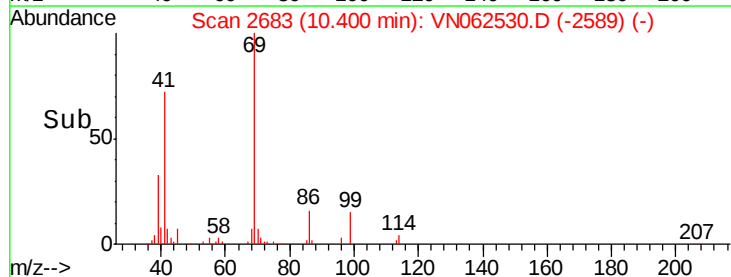
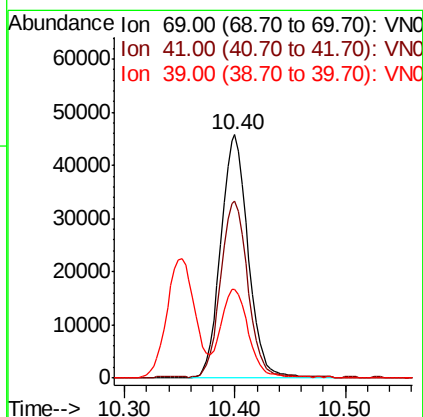
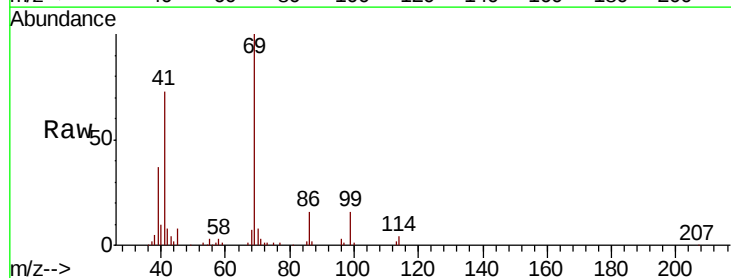
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

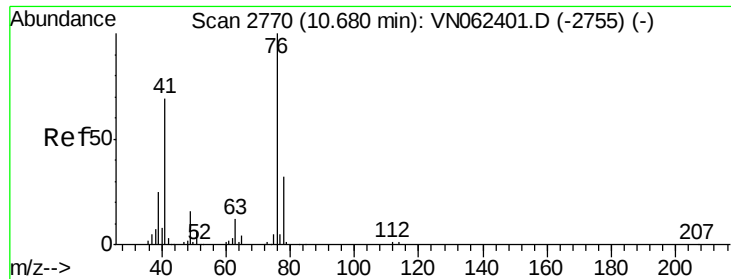
Tot Ion:	97	Resp:	49117
Ion	Ratio	Lower	Upper
97	100		
83	91.2	71.0	106.4
85	58.7	46.2	69.4
99	62.0	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 20.214 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion:	69	Resp:	78848
Ion	Ratio	Lower	Upper
69	100		
41	71.7	59.7	89.5
39	36.2	30.6	45.8





#57

1,3-Dichloropropane

Concen: 21.288 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

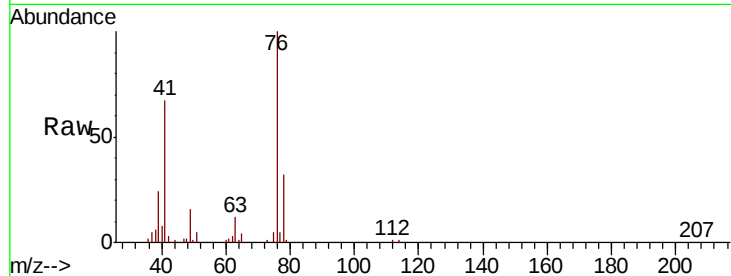
VN0715WBSD01

Tot Ion: 76 Resp: 87957

Ion Ratio Lower Upper

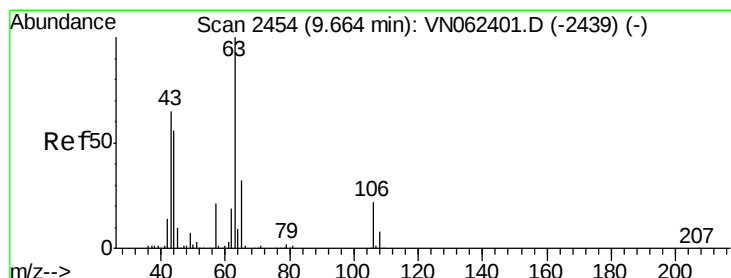
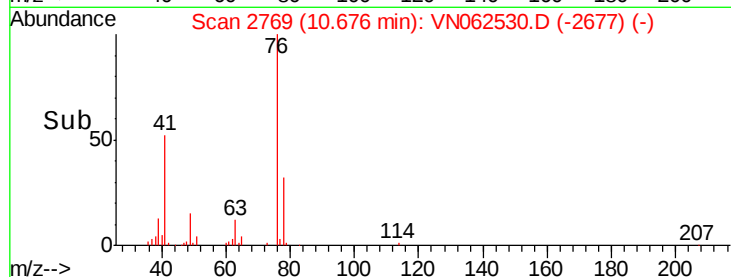
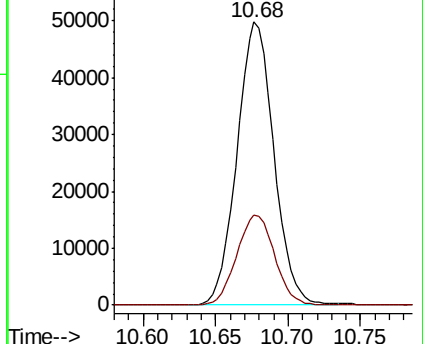
76 100

78 32.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 91.059 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062530.D

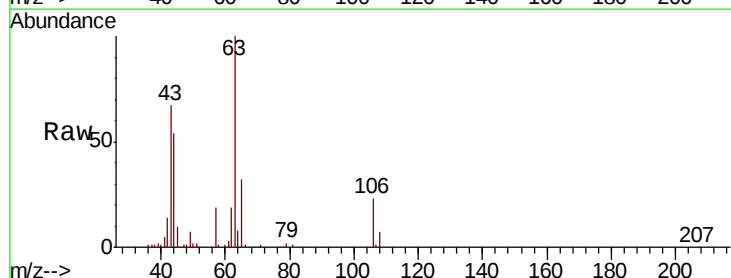
Acq: 15 Jul 2020 12:55

Tgt Ion: 63 Resp: 120814

Ion Ratio Lower Upper

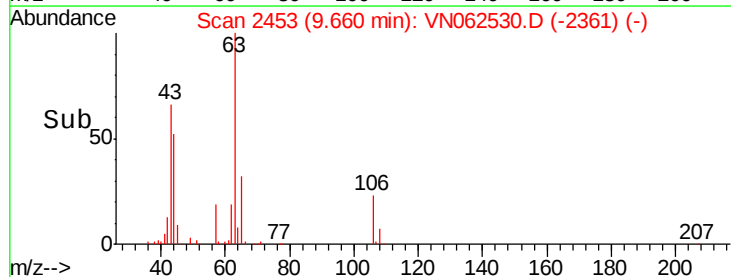
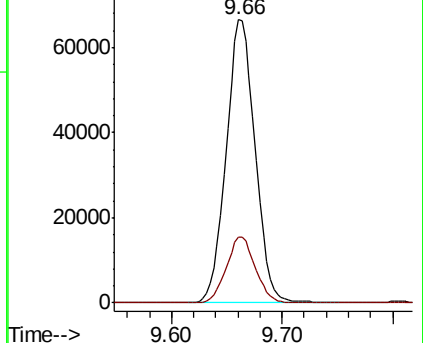
63 100

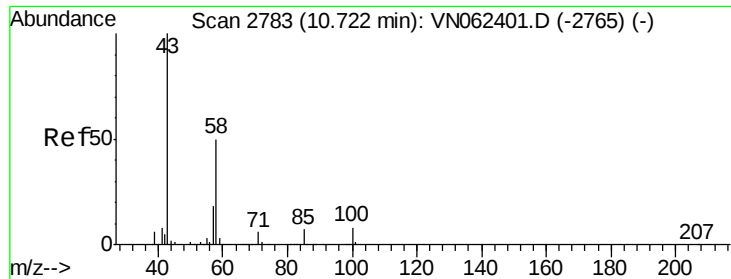
106 23.3 17.6 26.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

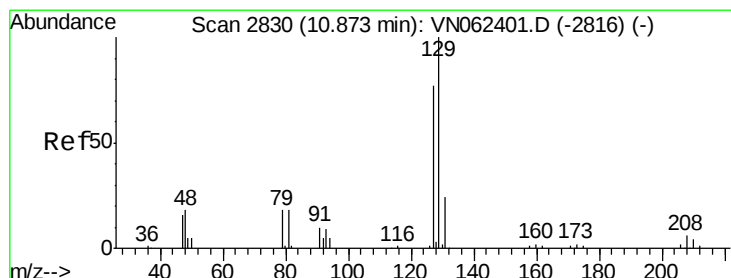
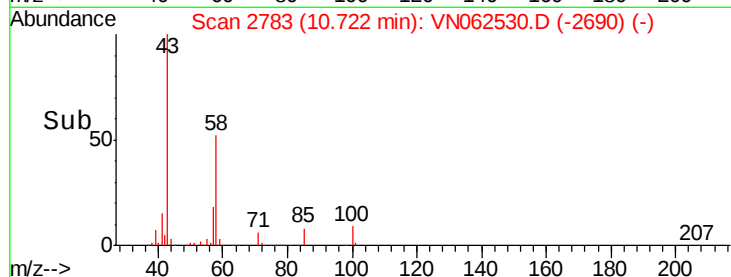
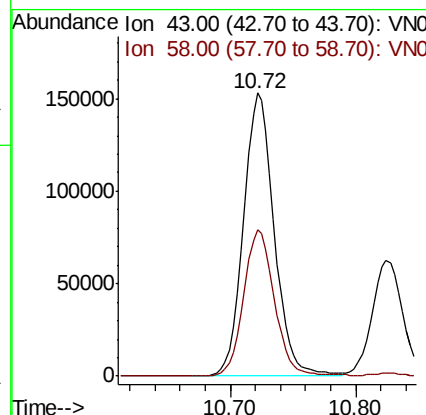
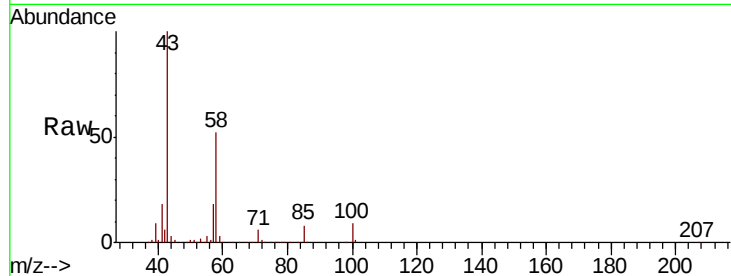




#59
2-Hexanone
Concen: 97.201 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

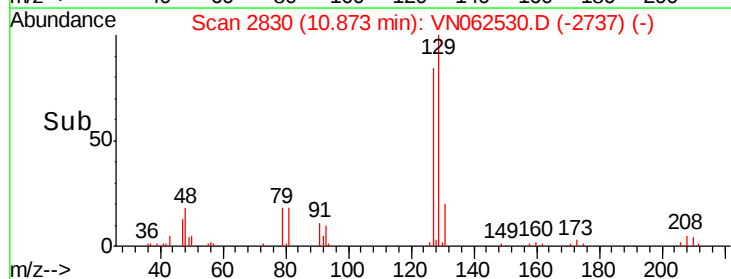
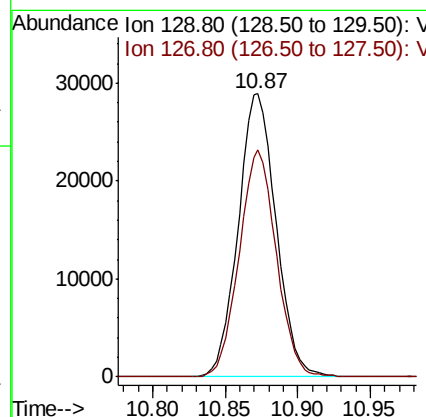
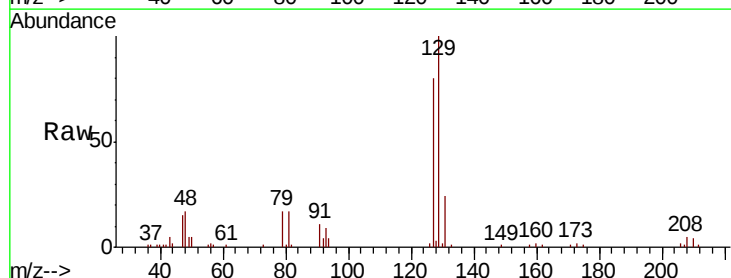
Instrument :
MSVOA_N
ClientSampled :
VN0715WBSD01

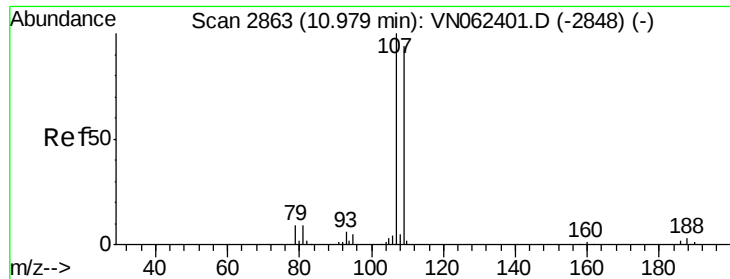
Tot Ion: 43 Resp: 260045
Ion Ratio Lower Upper
43 100
58 51.9 25.1 75.2



#60
Dibromochloromethane
Concen: 21.589 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 129 Resp: 52351
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8

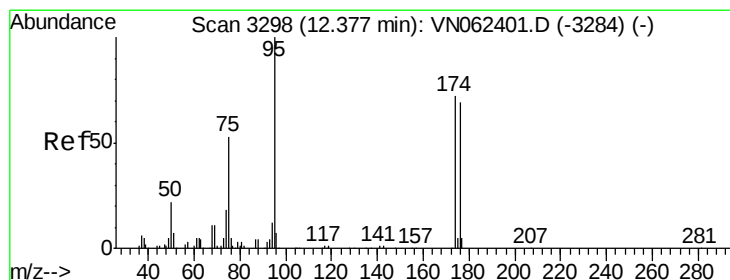
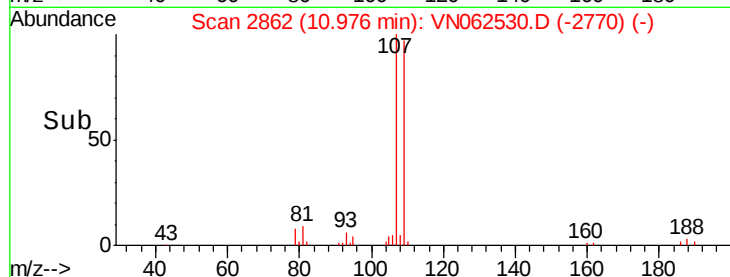
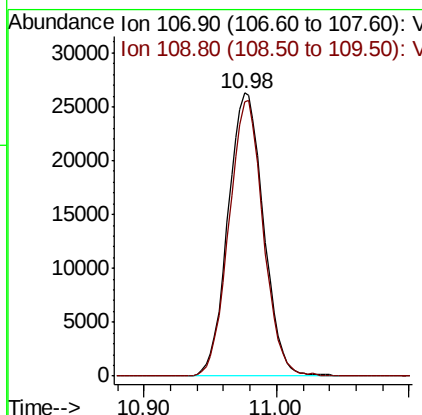
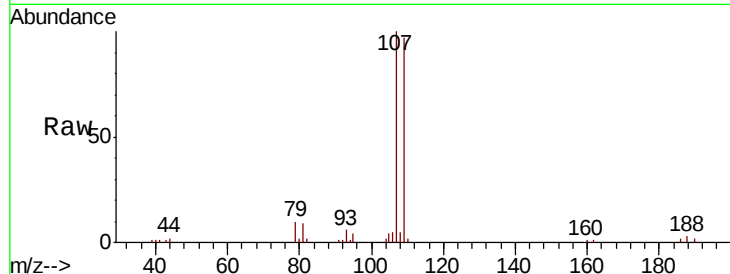




#61
 1,2-Dibromoethane
 Concen: 21.632 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

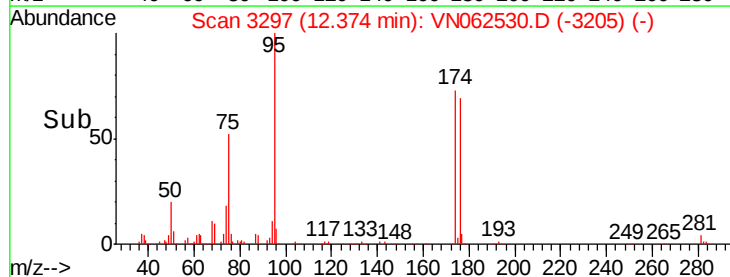
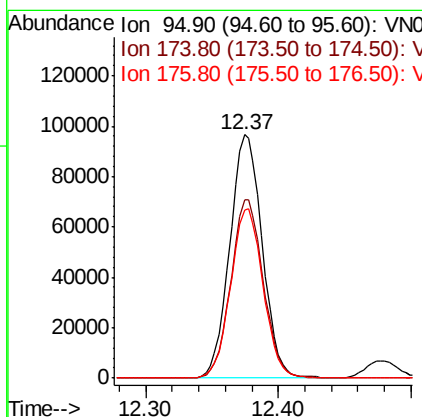
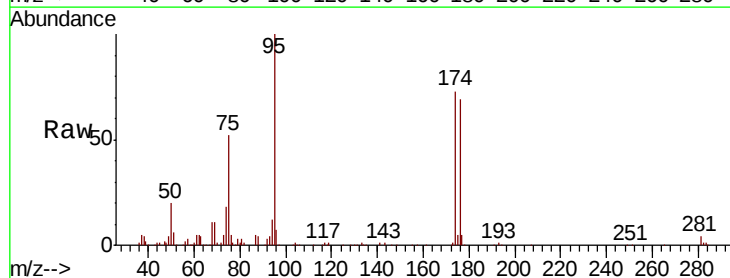
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

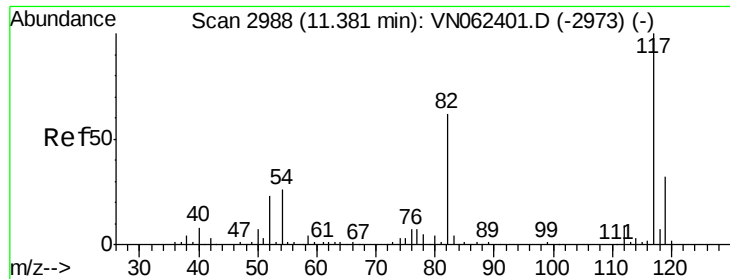
Tot Ion:107 Resp: 48835
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 55.525 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion: 95 Resp: 164154
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 141.6
 176 69.8 0.0 137.2

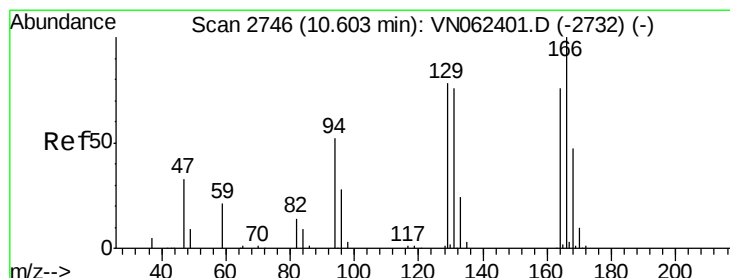
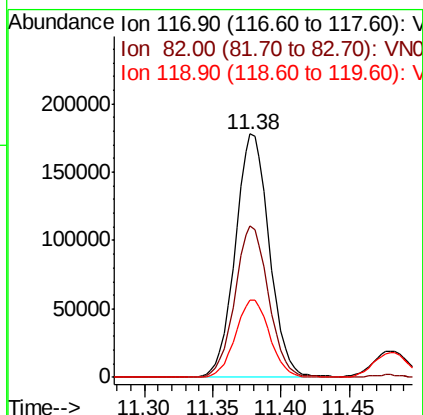
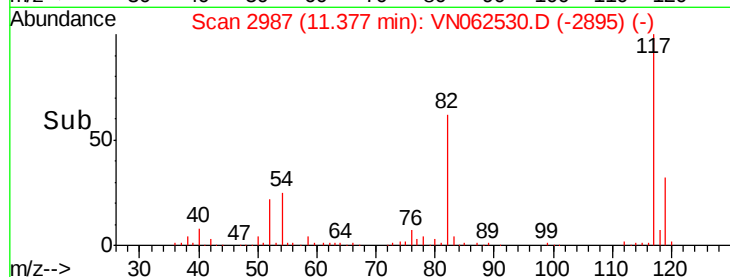
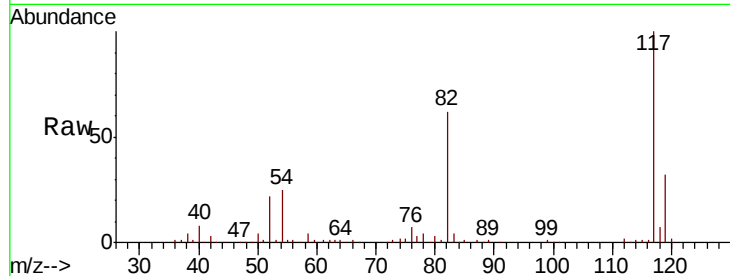




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

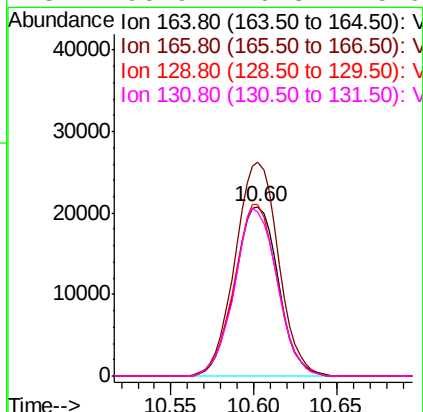
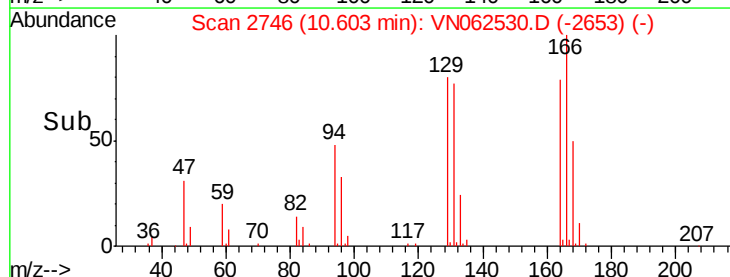
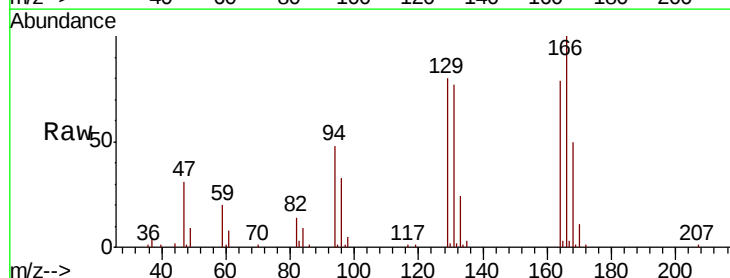
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

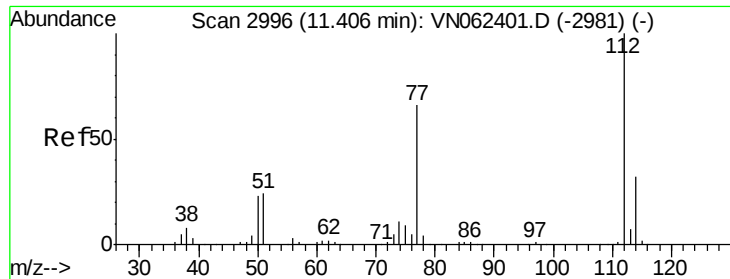
Tot Ion:117 Resp: 307829
Ion Ratio Lower Upper
117 100
82 62.4 49.6 74.4
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 20.815 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion:164 Resp: 38021
Ion Ratio Lower Upper
164 100
166 125.9 104.9 157.3
129 101.1 81.8 122.6
131 96.9 79.3 118.9

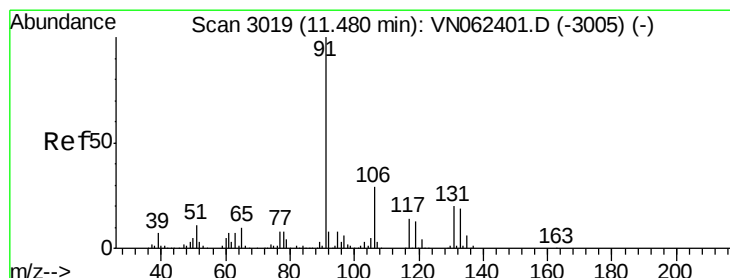
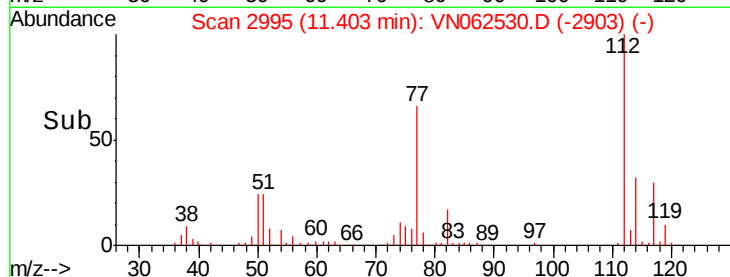
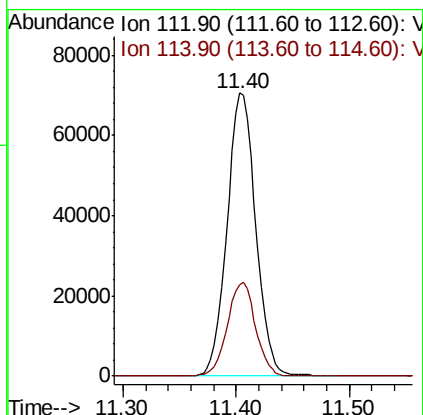
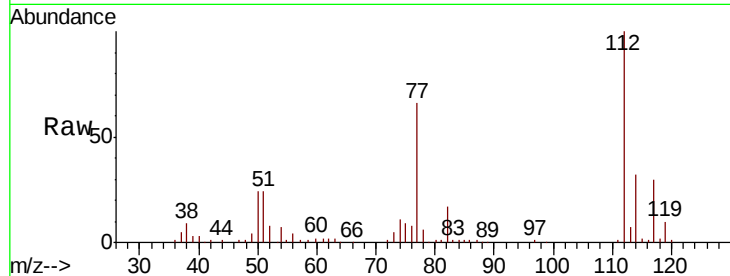




#65
Chlorobenzene
Concen: 20.799 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

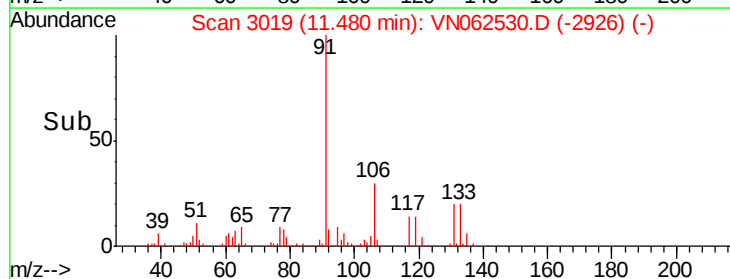
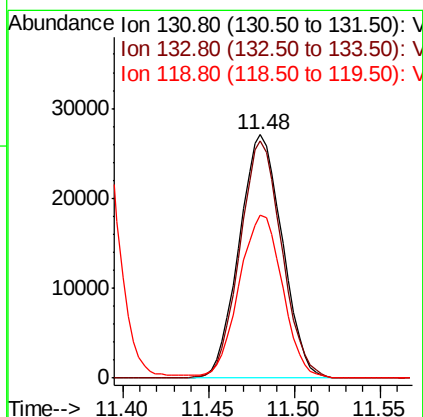
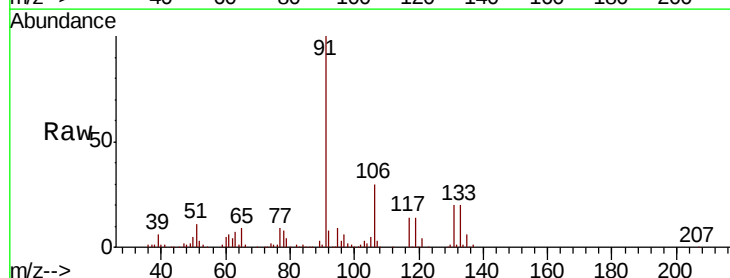
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

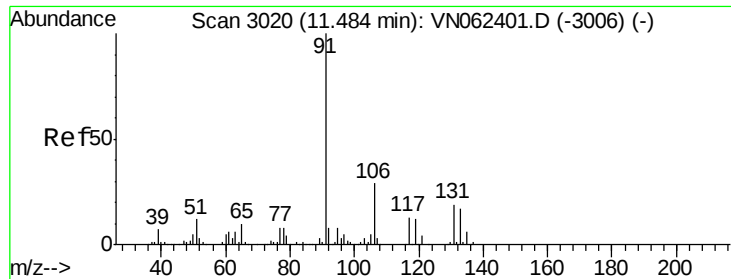
Tot Ion:112 Resp: 124438
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.372 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion:131 Resp: 47153
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.8
119 67.6 33.2 99.6

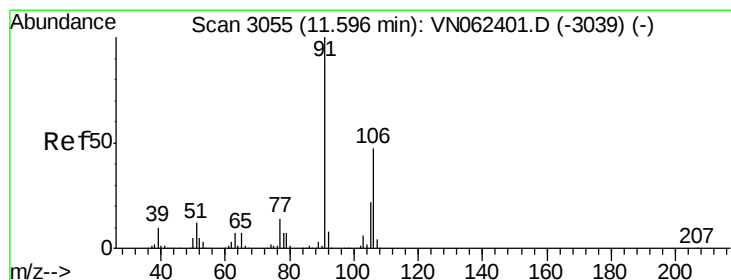
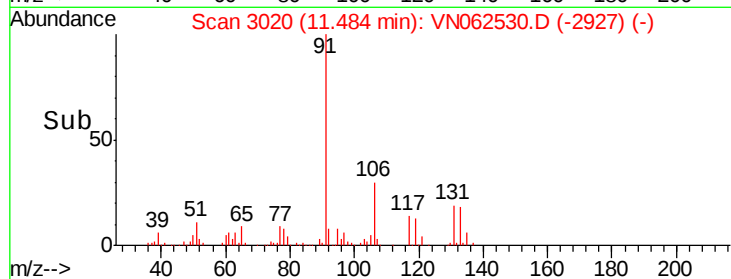
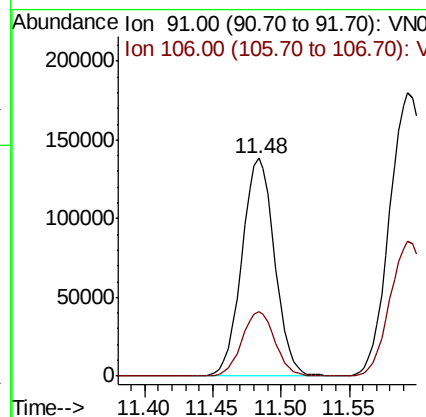
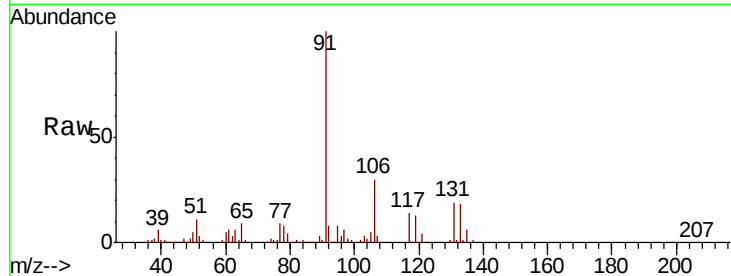




#67
Ethyl Benzene
Concen: 20.546 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

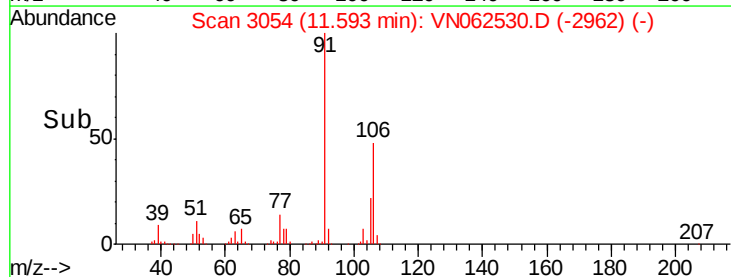
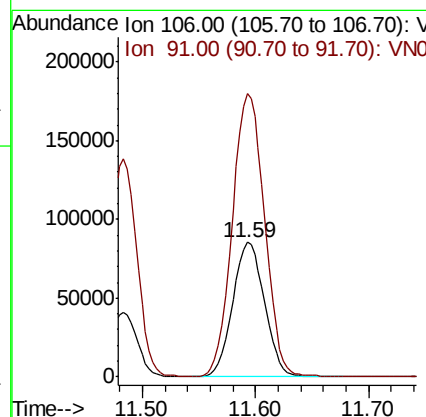
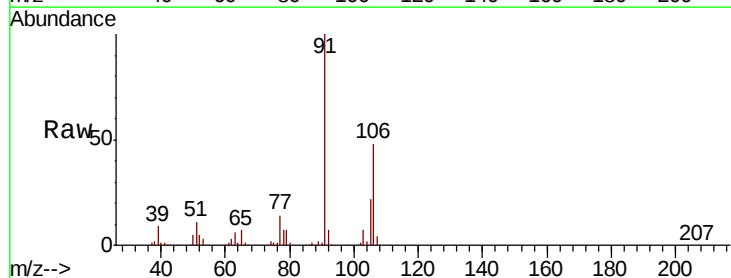
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

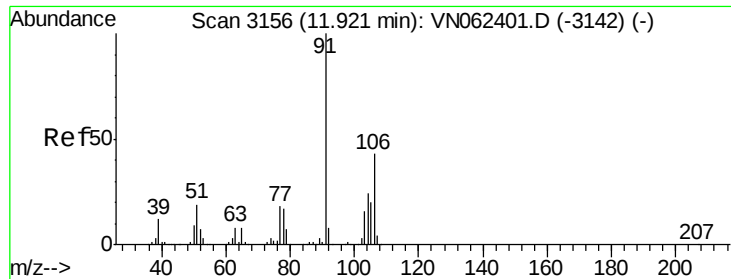
Tot Ion: 91 Resp: 230729
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2



#68
m/p-Xylenes
Concen: 42.102 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 106 Resp: 167380
Ion Ratio Lower Upper
106 100
91 213.4 172.4 258.6

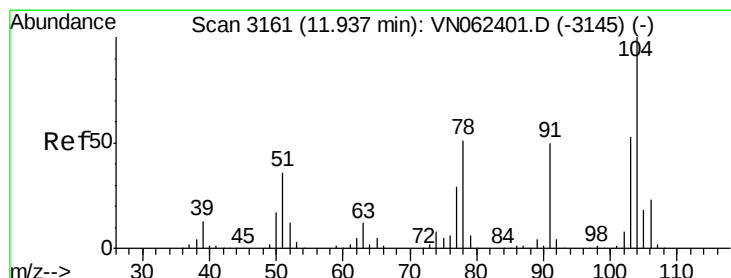
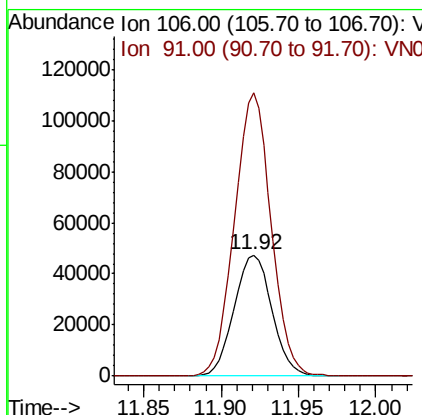
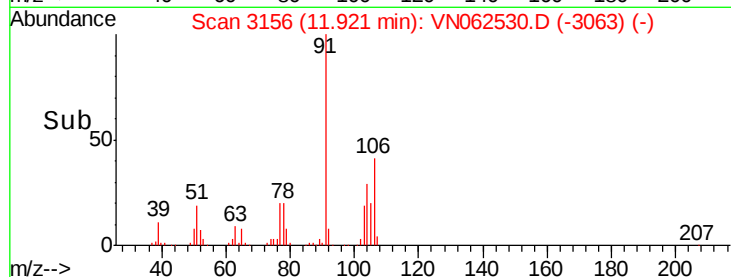
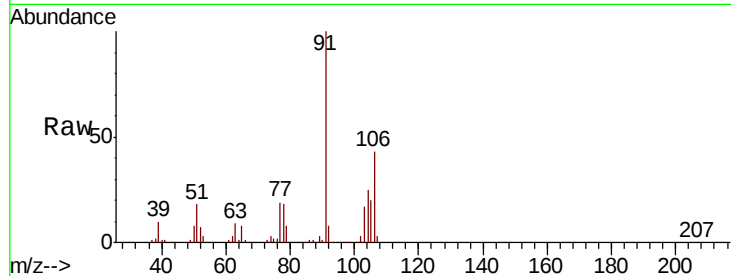




#69
o-Xylene
Concen: 20.861 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

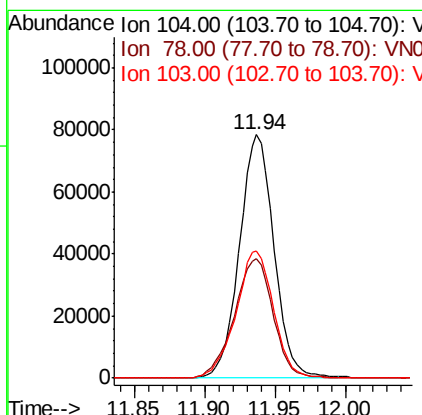
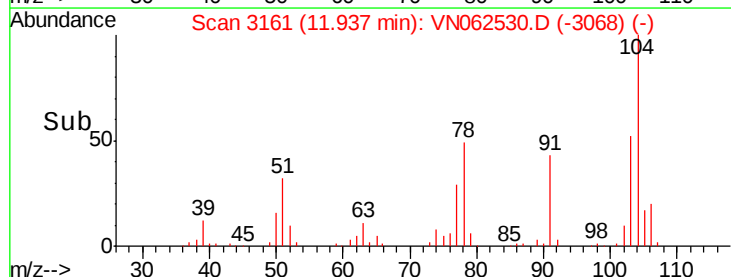
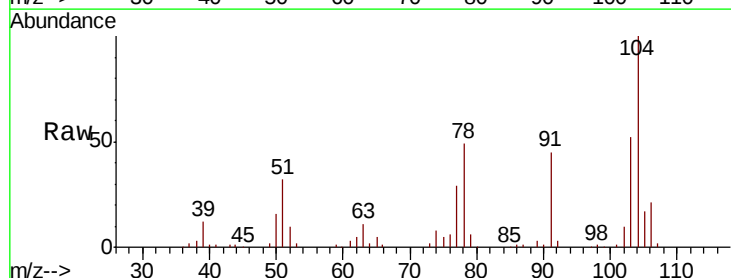
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

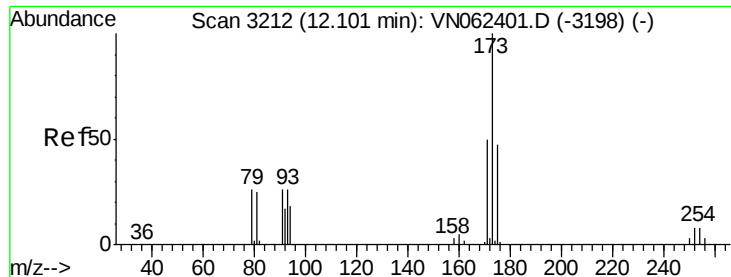
Tot Ion:106 Resp: 80749
Ion Ratio Lower Upper
106 100
91 225.8 113.8 341.4



#70
Styrene
Concen: 21.089 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion:104 Resp: 134908
Ion Ratio Lower Upper
104 100
78 55.1 44.2 66.4
103 56.7 44.4 66.6

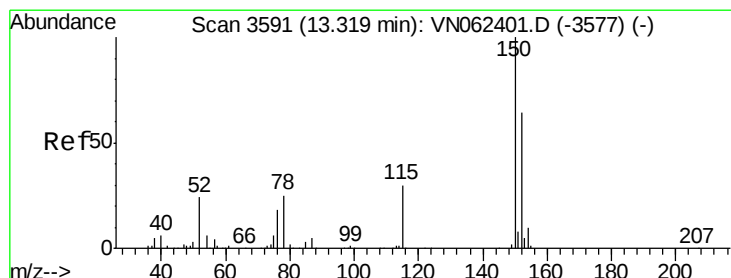
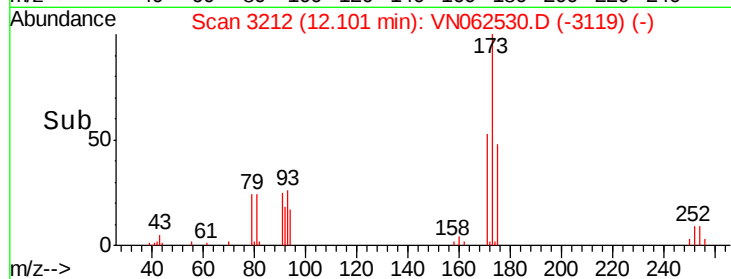
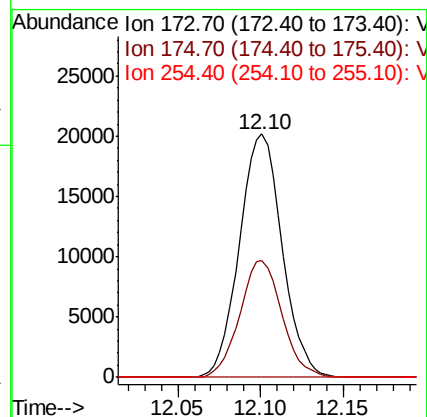
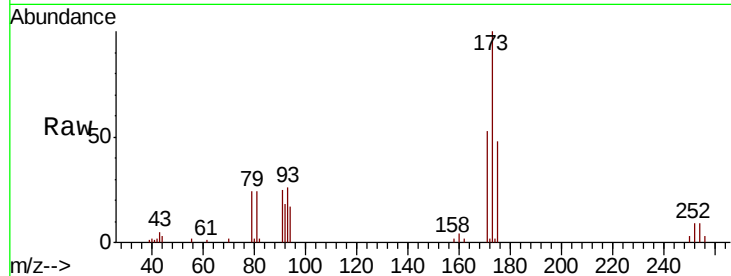




#71
Bromoform
Concen: 22.358 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

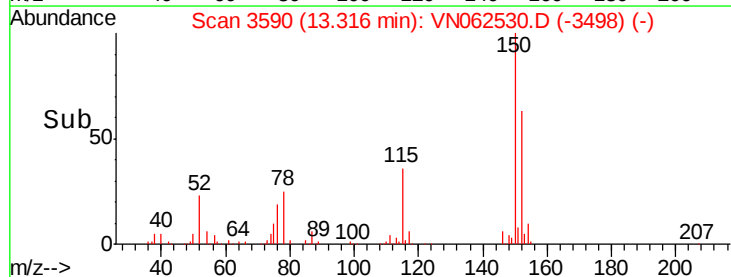
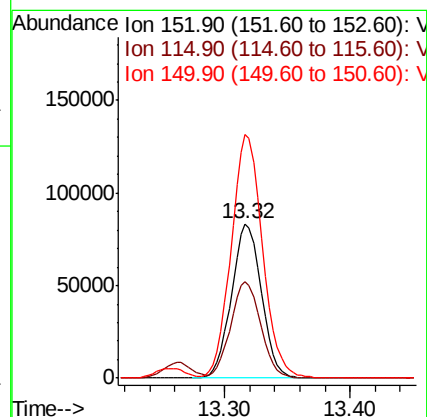
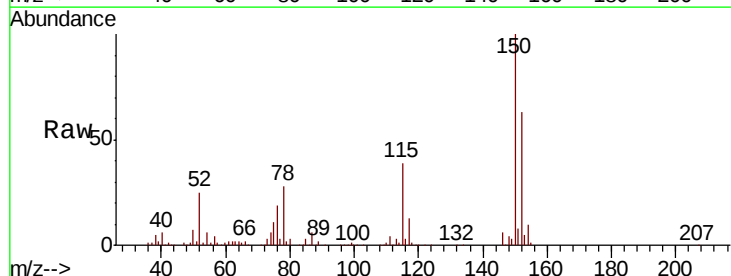
Instrument :
MSVOA_N
ClientSampled :
VN0715WBSD01

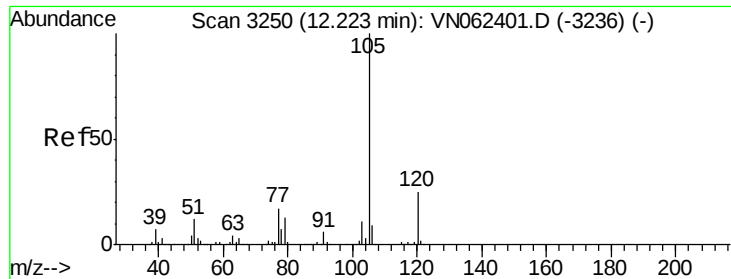
Tot Ion:173 Resp: 36161
Ion Ratio Lower Upper
173 100
175 47.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion:152 Resp: 138069
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.2
150 163.9 0.0 347.4





#73

Isopropylbenzene

Concen: 20.495 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

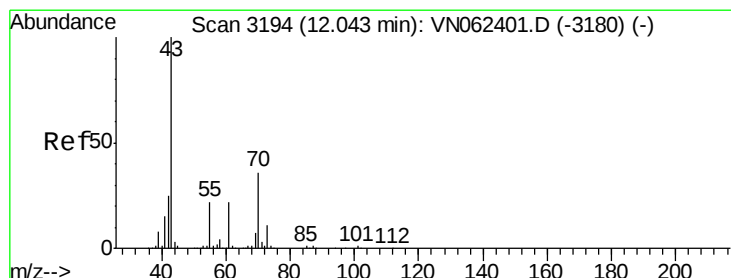
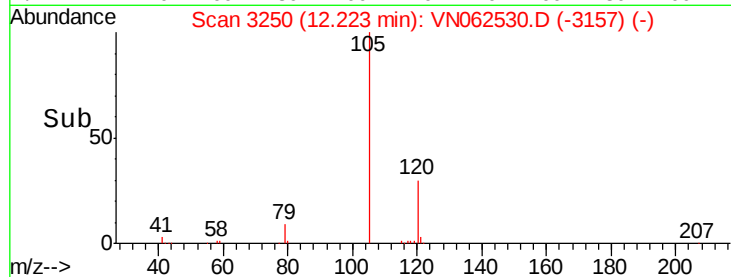
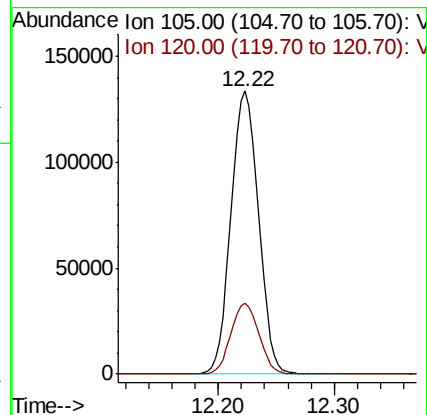
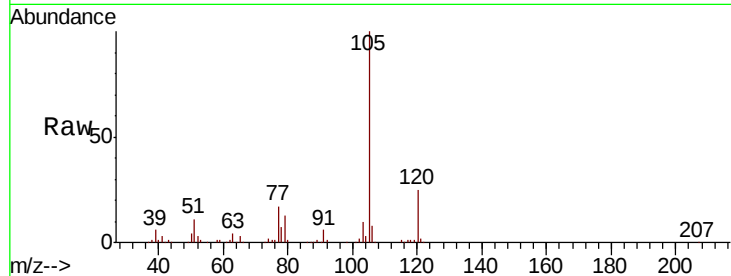
VN0715WBSD01

Tot Ion:105 Resp: 218969

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.1



#74

N-ethyl acetate

Concen: 19.762 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Tgt Ion: 43 Resp: 102766

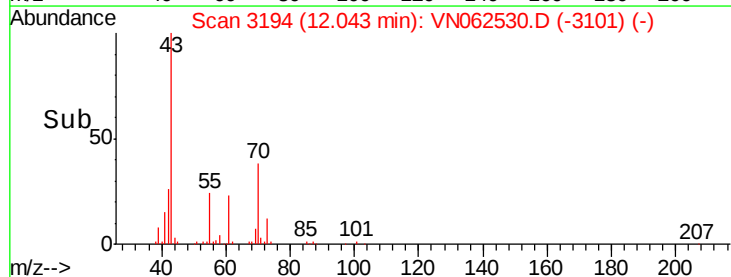
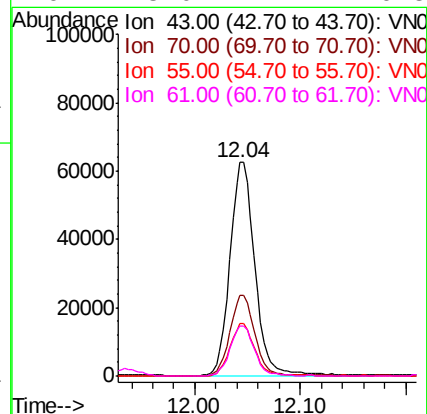
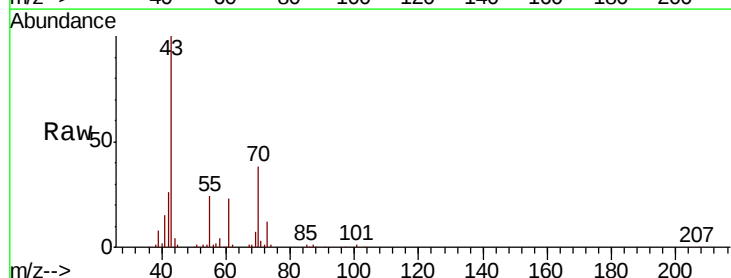
Ion Ratio Lower Upper

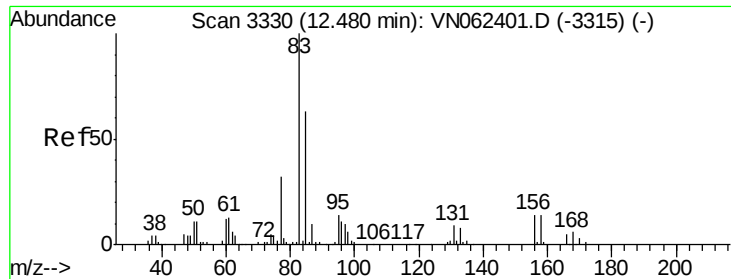
43 100

70 37.8 30.0 45.0

55 24.0 18.2 27.4

61 23.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.951 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

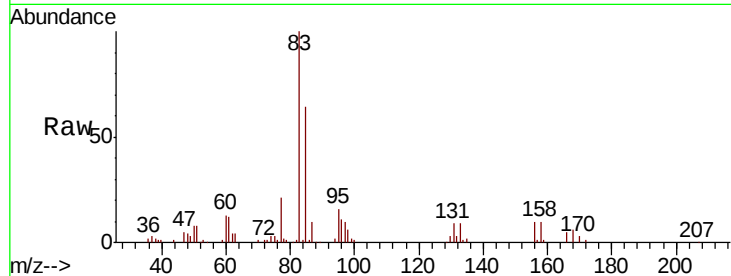
Tot Ion: 83 Resp: 75263

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

85 63.0 31.9 95.9



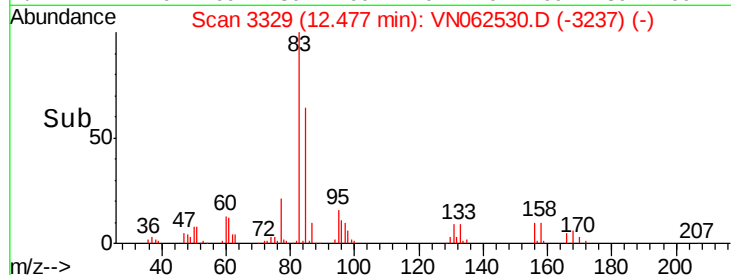
Abundance Ion 82.90 (82.60 to 83.60): VN062401.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062401.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062401.D (-3315) (-)

12.48

Time-->



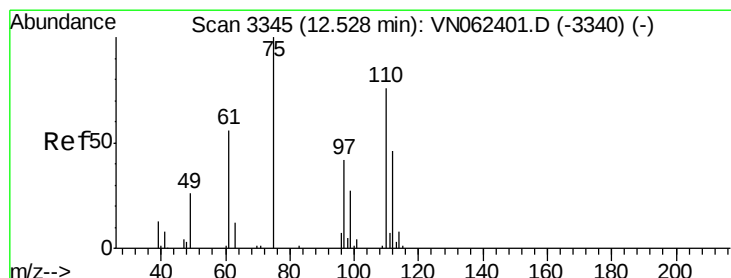
Abundance Ion 82.90 (82.60 to 83.60): VN062530.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062530.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062530.D (-3237) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.778 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062530.D

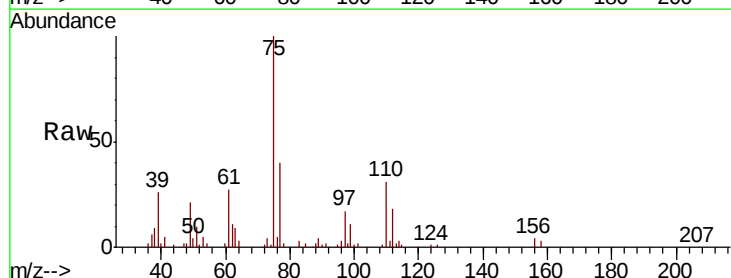
Acq: 15 Jul 2020 12:55

Tgt Ion: 75 Resp: 70391

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

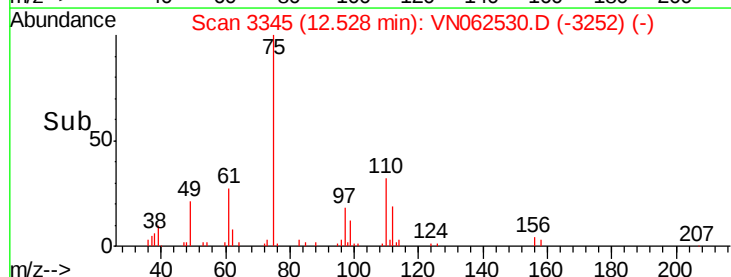


Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062401.D (-3340) (-)

12.53

Time-->

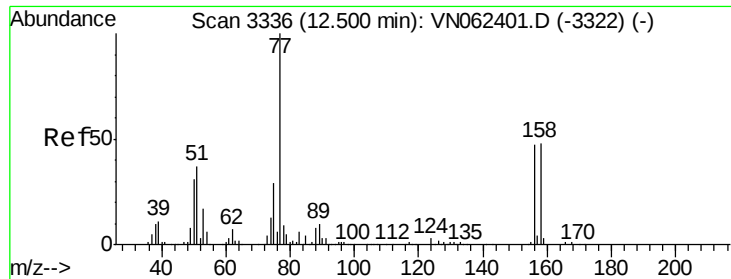


Abundance Ion 74.90 (74.60 to 75.60): VN062530.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062530.D (-3252) (-)

12.53

Time-->



#77

Bromobenzene

Concen: 21.523 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

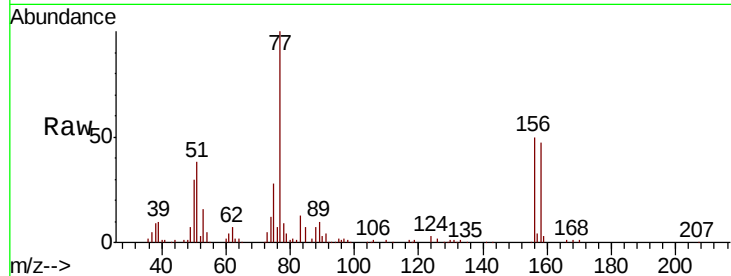
Tot Ion:156 Resp: 52277

Ion Ratio Lower Upper

156 100

77 236.3 126.4 379.3

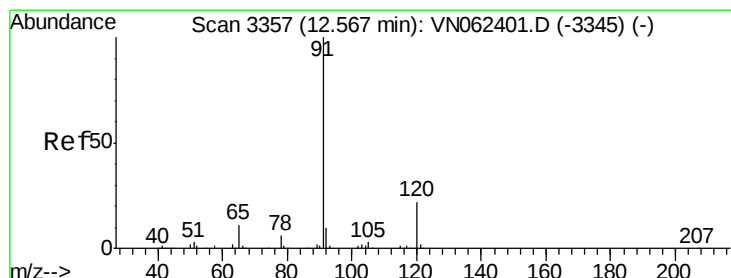
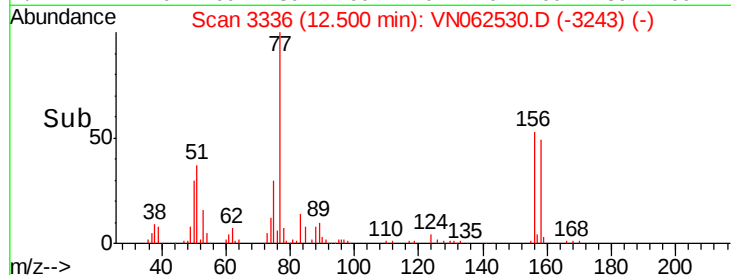
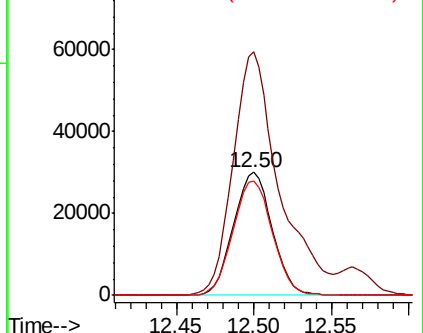
158 94.7 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.420 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062530.D

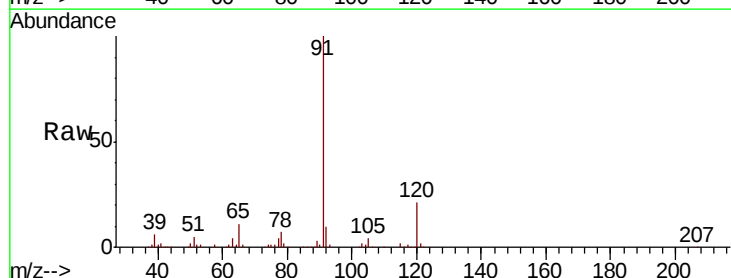
Acq: 15 Jul 2020 12:55

Tgt Ion: 91 Resp: 254848

Ion Ratio Lower Upper

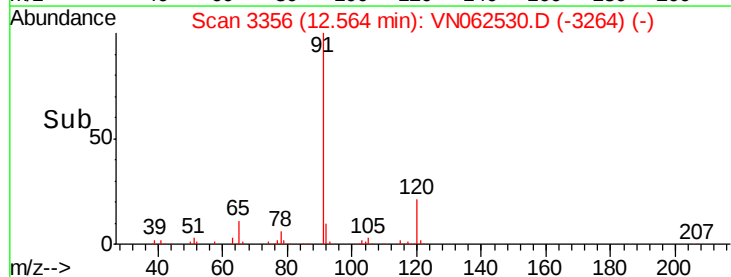
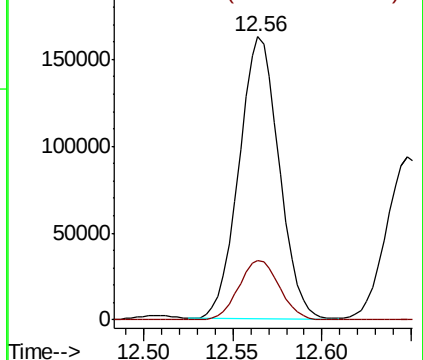
91 100

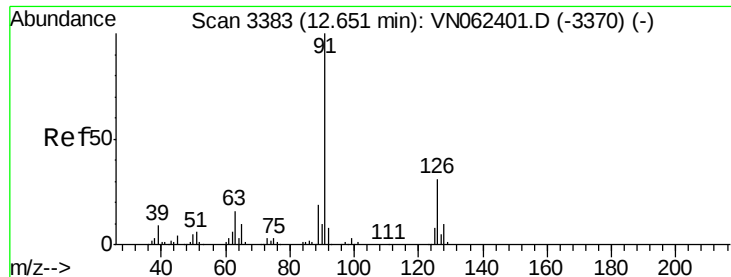
120 21.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.473 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

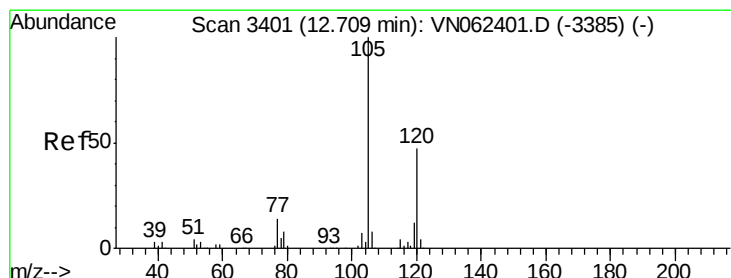
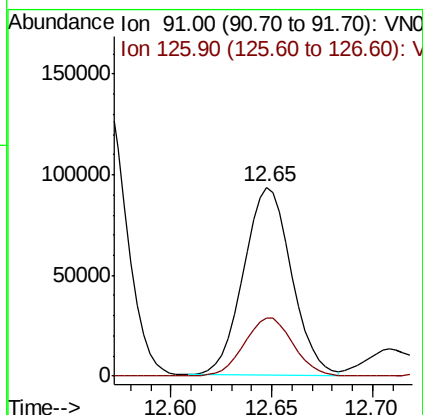
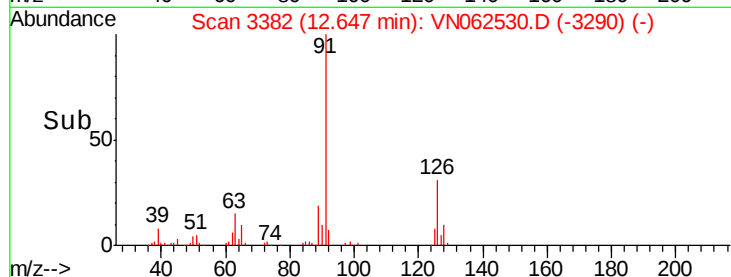
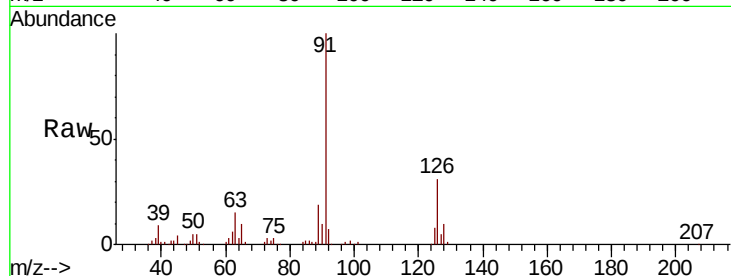
VN0715WBSD01

Tot Ion: 91 Resp: 155072

Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 20.946 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062530.D

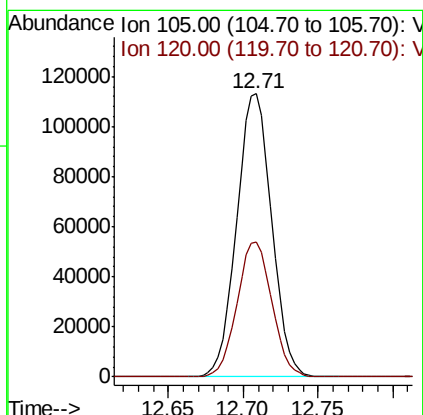
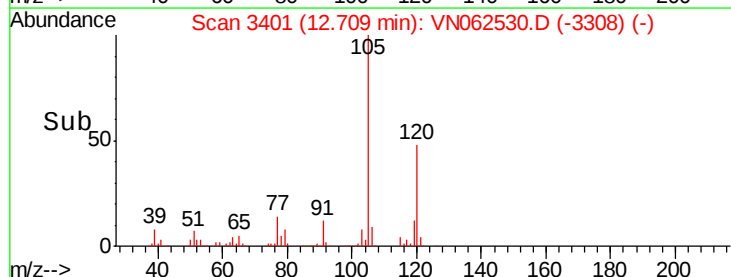
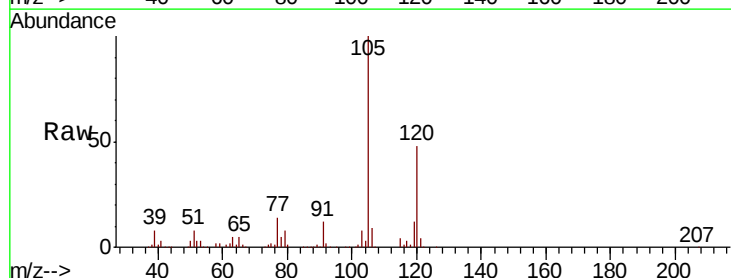
Acq: 15 Jul 2020 12:55

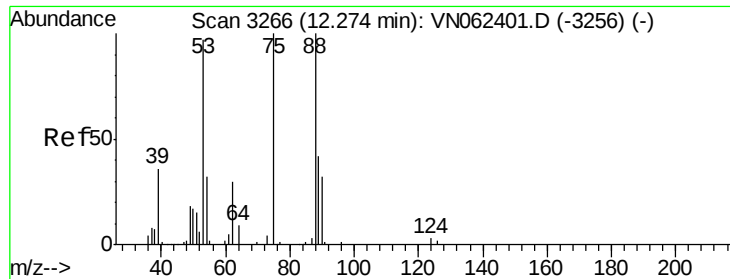
Tgt Ion: 105 Resp: 183461

Ion Ratio Lower Upper

105 100

120 47.6 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.310 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

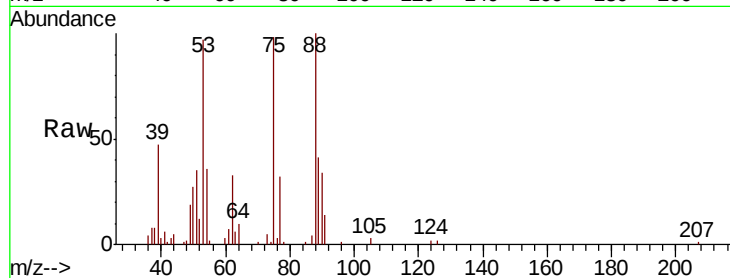
Tot Ion: 75 Resp: 23175

Ion Ratio Lower Upper

75 100

53 101.8 79.2 118.8

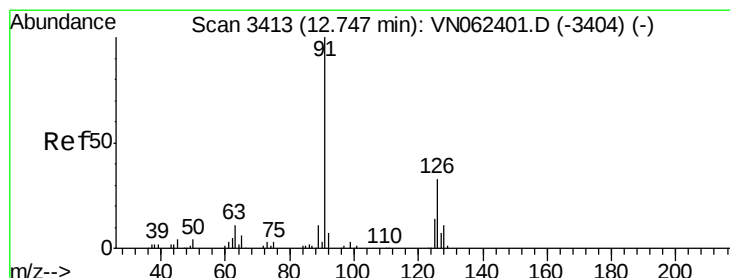
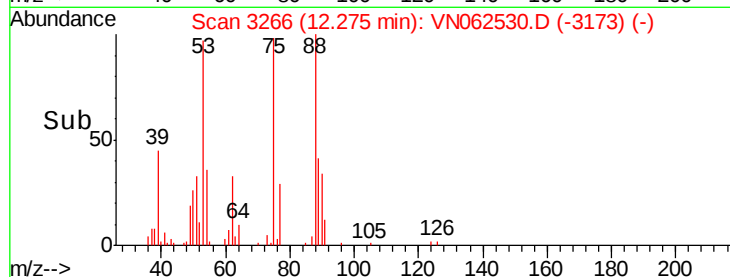
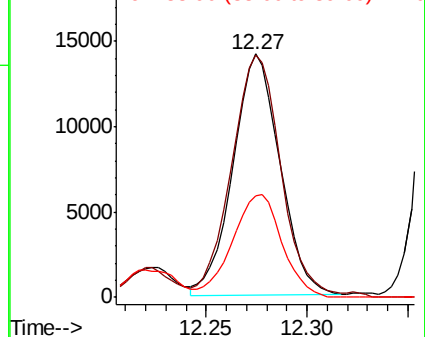
89 45.1 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.370 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062530.D

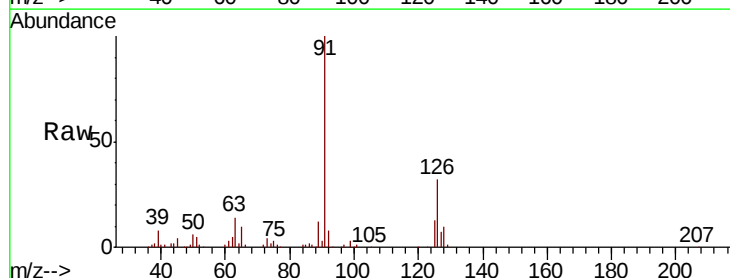
Acq: 15 Jul 2020 12:55

Tgt Ion: 91 Resp: 156642

Ion Ratio Lower Upper

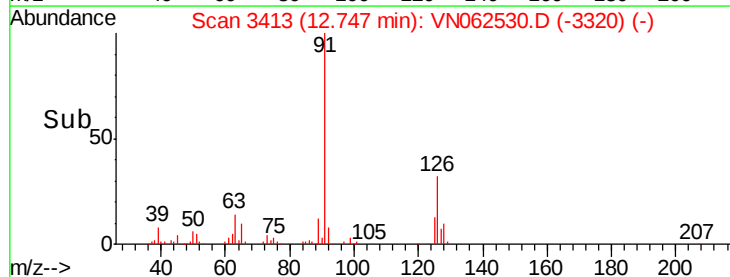
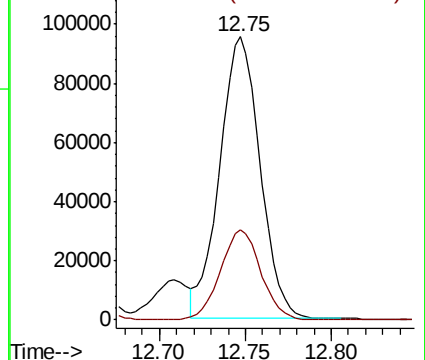
91 100

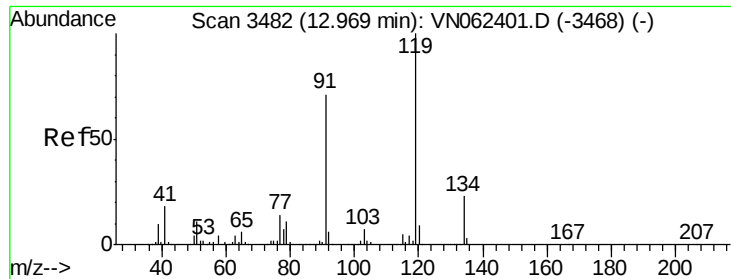
126 32.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

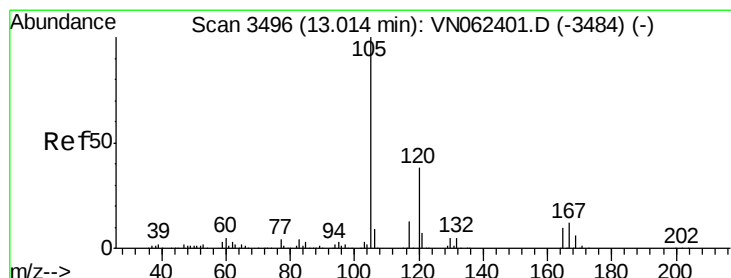
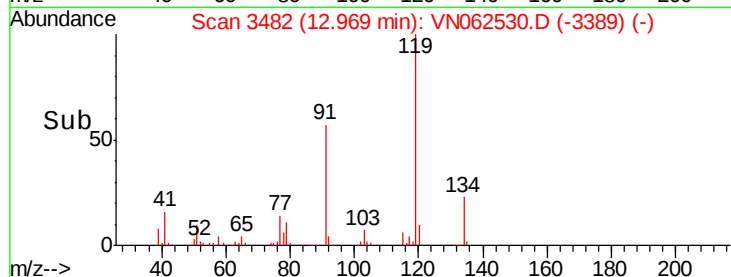
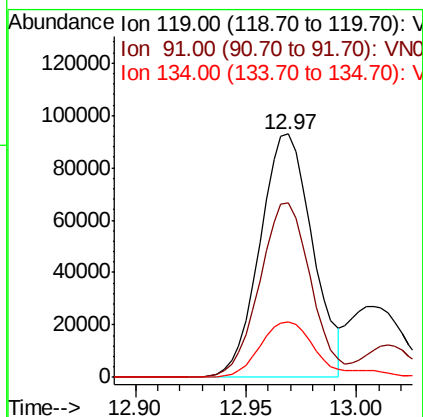
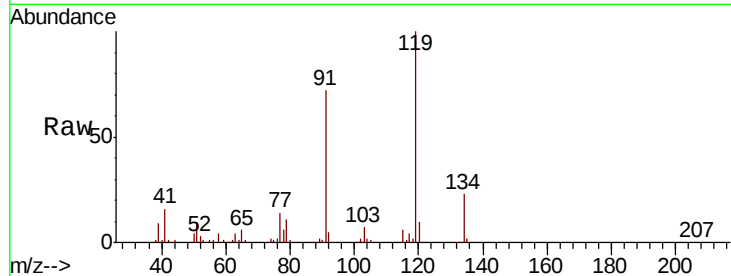




#83
tert-Butylbenzene
Concen: 20.688 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

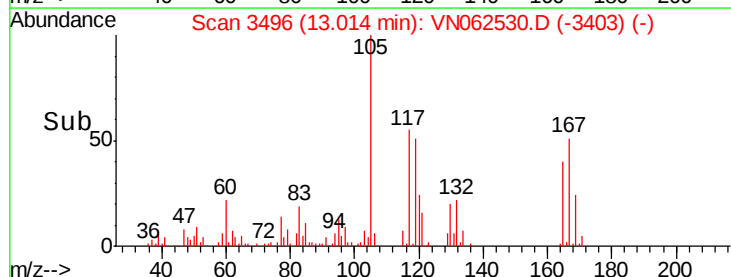
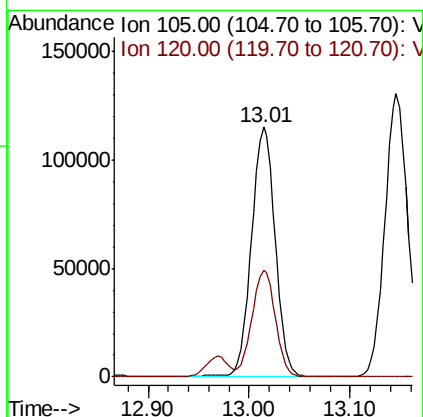
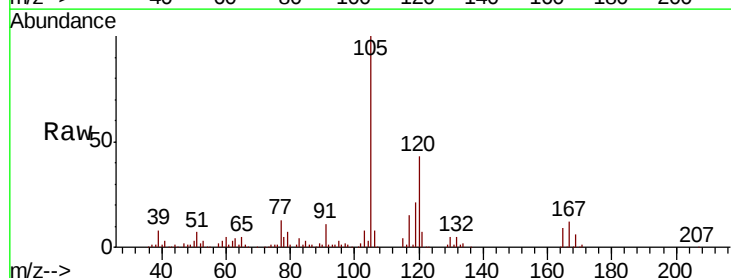
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

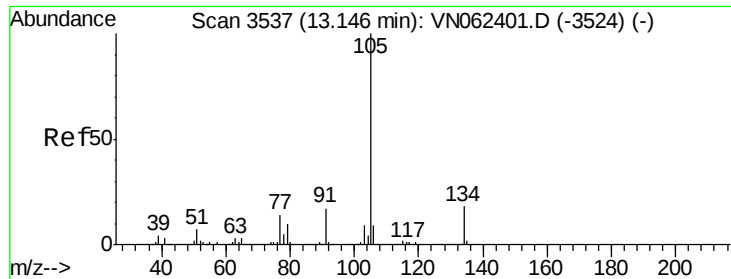
Tot Ion:119 Resp: 153767
Ion Ratio Lower Upper
119 100
91 69.6 34.8 104.3
134 23.5 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 21.434 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion:105 Resp: 186597
Ion Ratio Lower Upper
105 100
120 41.9 21.6 64.8





#85

sec-Butylbenzene

Concen: 21.205 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

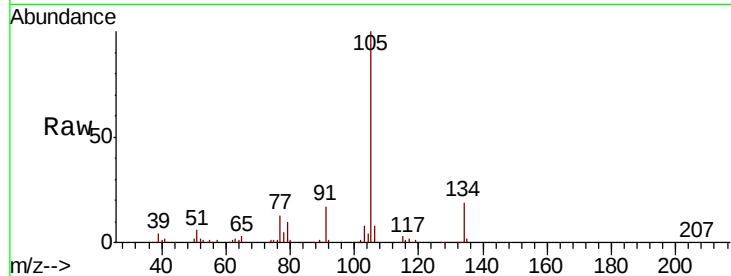
VN0715WBSD01

Tot Ion:105 Resp: 208849

Ion Ratio Lower Upper

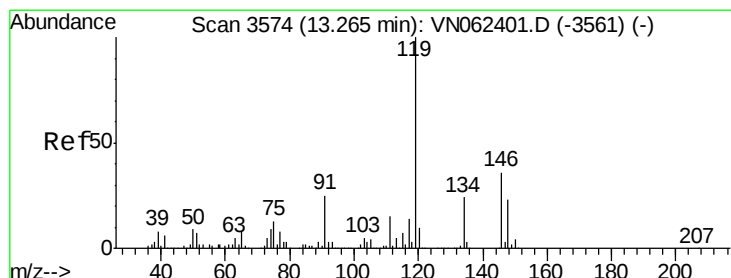
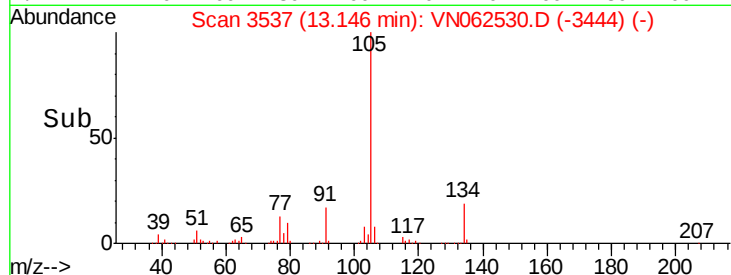
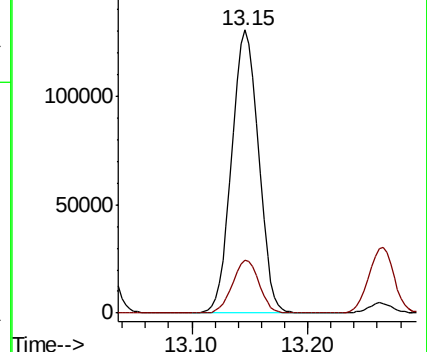
105 100

134 18.5 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.912 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

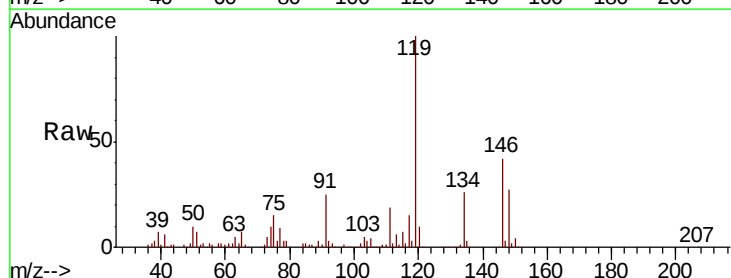
Tgt Ion:119 Resp: 177767

Ion Ratio Lower Upper

119 100

134 25.9 12.4 37.0

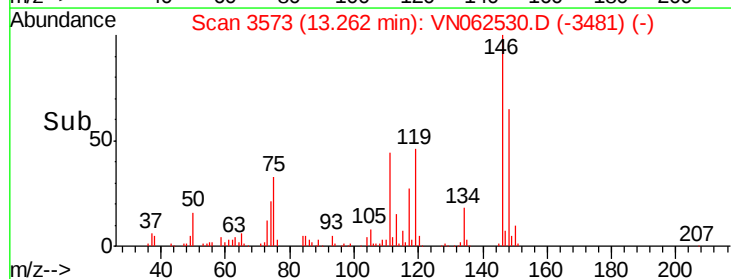
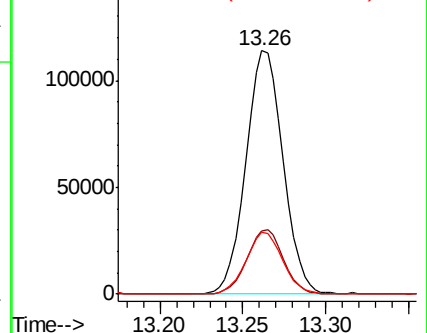
91 25.1 12.4 37.4

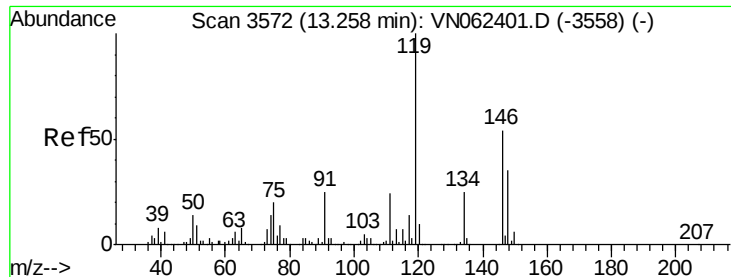


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

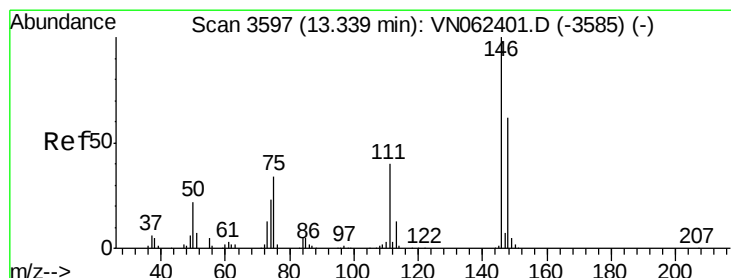
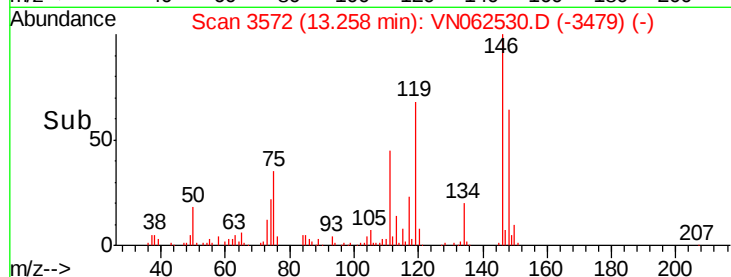
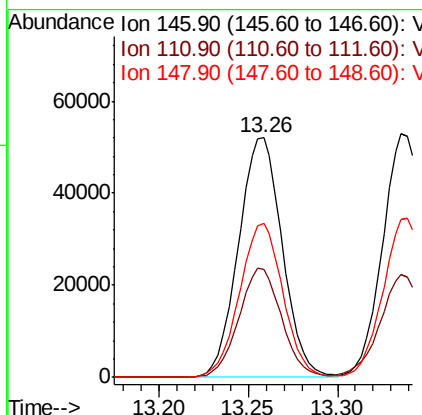
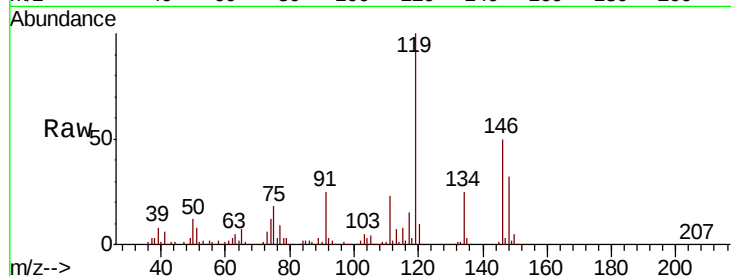




#87
 1,3-Dichlorobenzene
 Concen: 21.335 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

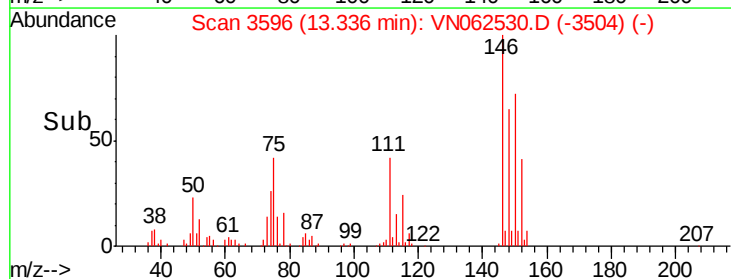
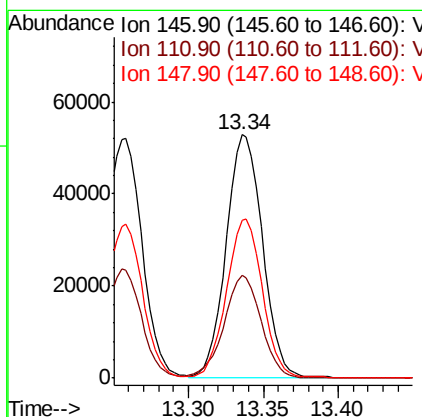
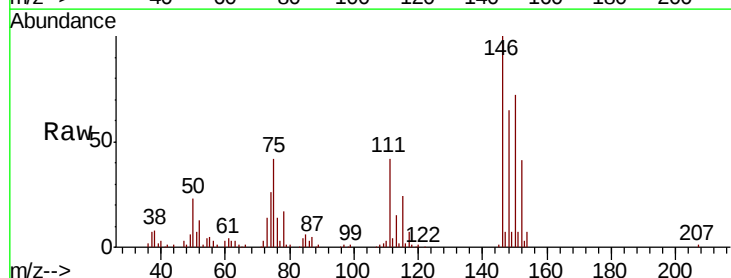
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

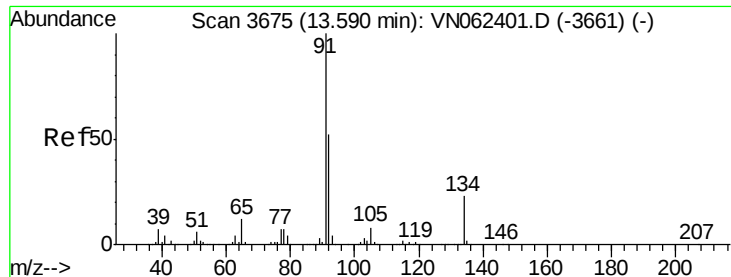
Tot Ion:146 Resp: 89400
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.6 64.6
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion:146 Resp: 89181
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 65.1 31.4 94.2





#89

n-Butylbenzene

Concen: 19.666 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD01

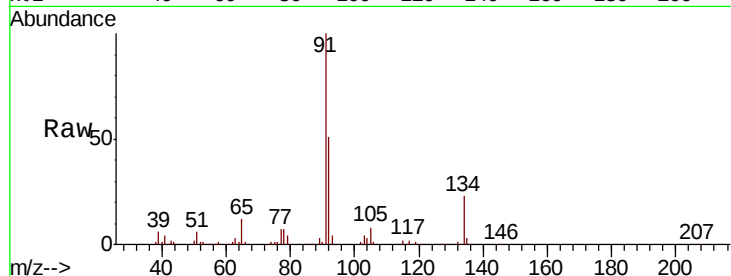
Tot Ion: 91 Resp: 147609

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.7

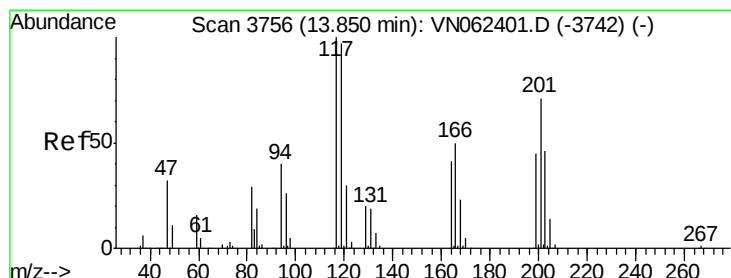
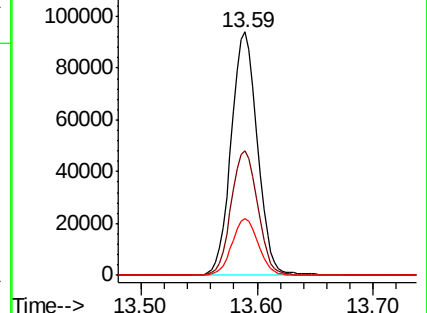
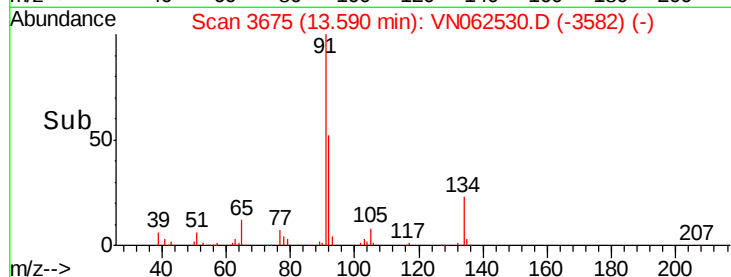
134 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062401.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062401.D (-3661) (-)



#90

Hexachloroethane

Concen: 20.388 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062530.D

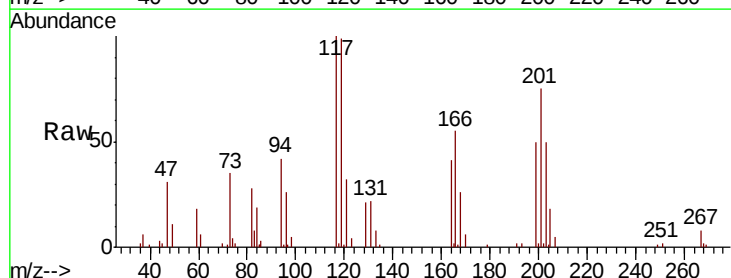
Acq: 15 Jul 2020 12:55

Tgt Ion: 117 Resp: 34092

Ion Ratio Lower Upper

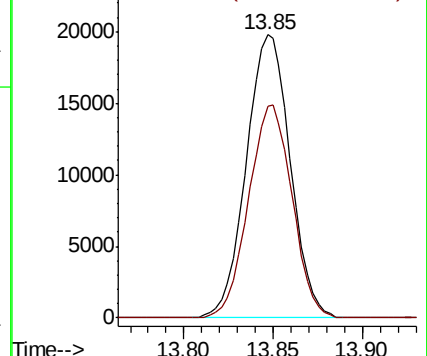
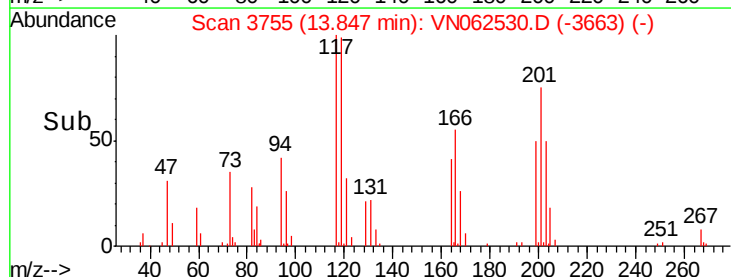
117 100

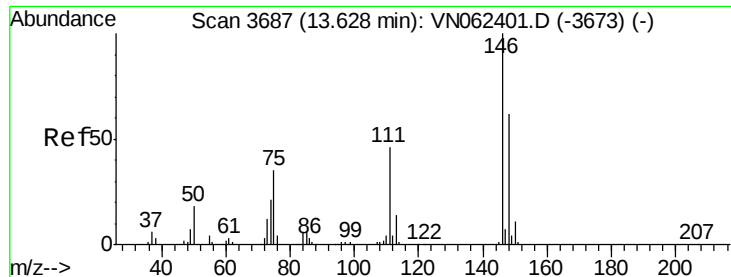
201 74.2 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062401.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 21.942 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_N

ClientSampled :

VN0715WBSD01

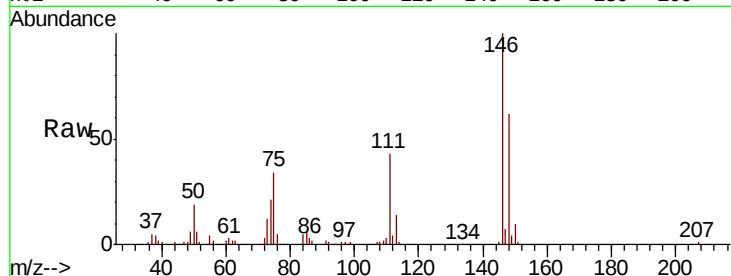
Tot Ion:146 Resp: 88896

Ion Ratio Lower Upper

146 100

111 43.9 22.5 67.5

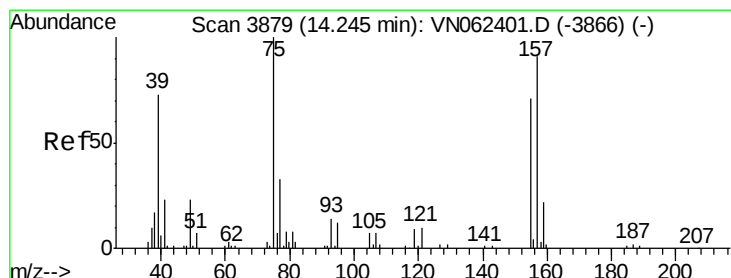
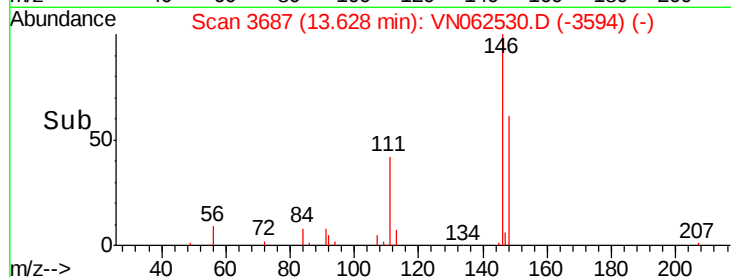
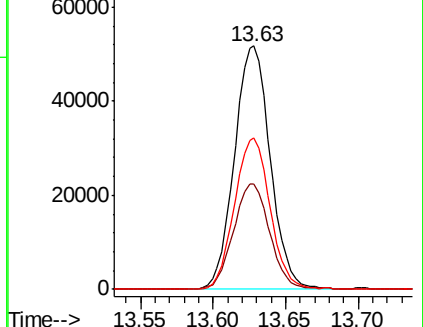
148 61.6 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.568 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062530.D

Acq: 15 Jul 2020 12:55

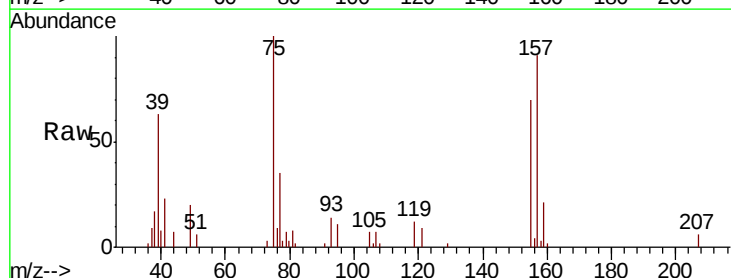
Tgt Ion: 75 Resp: 13484

Ion Ratio Lower Upper

75 100

155 68.7 35.2 105.6

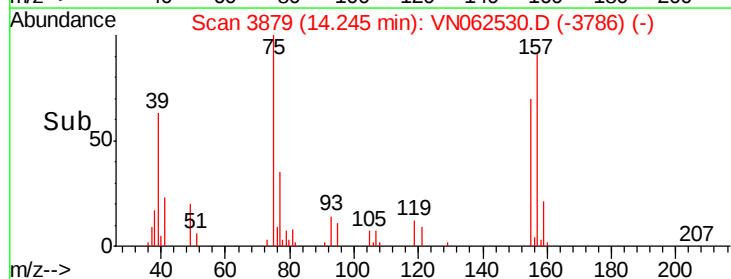
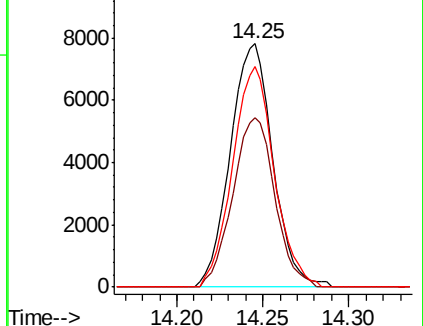
157 88.5 45.8 137.3

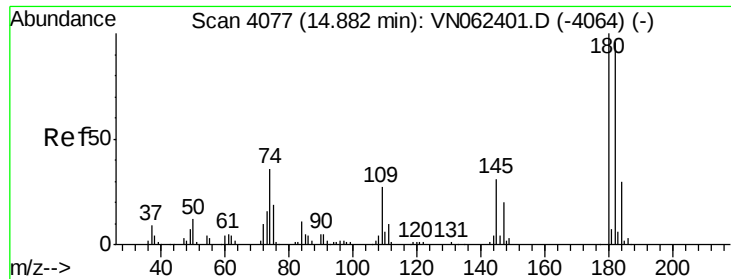


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

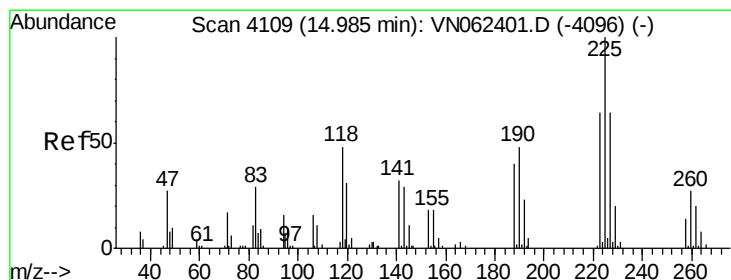
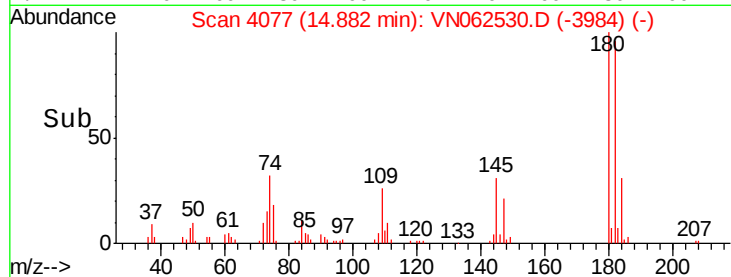
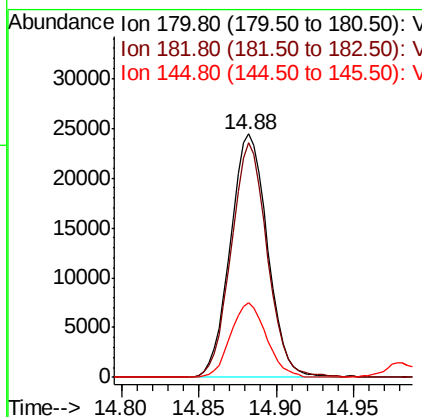
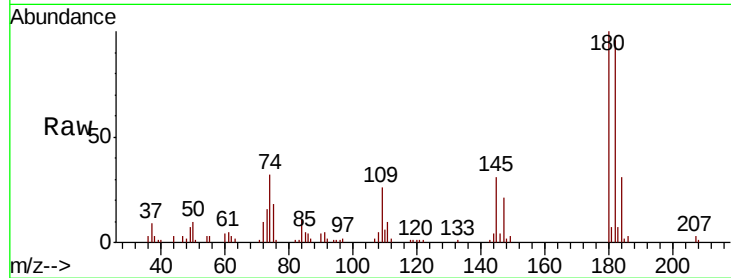




#93
 1,2,4-Trichlorobenzene
 Concen: 20.739 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

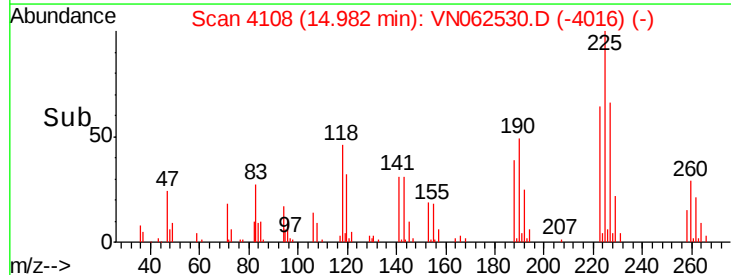
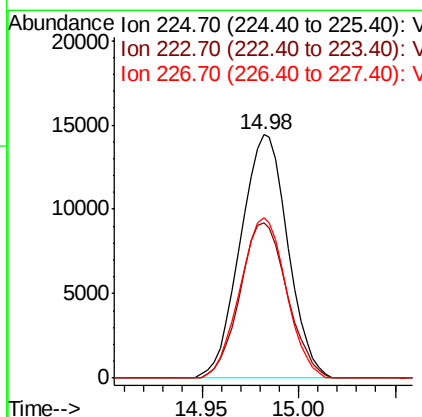
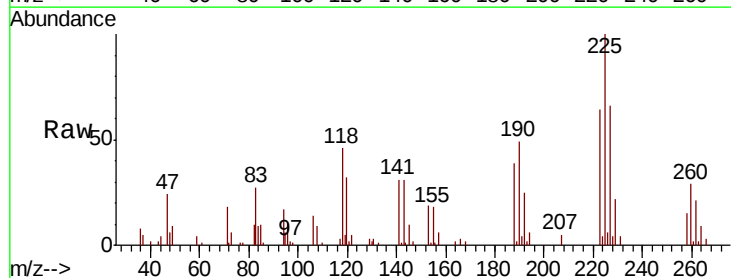
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

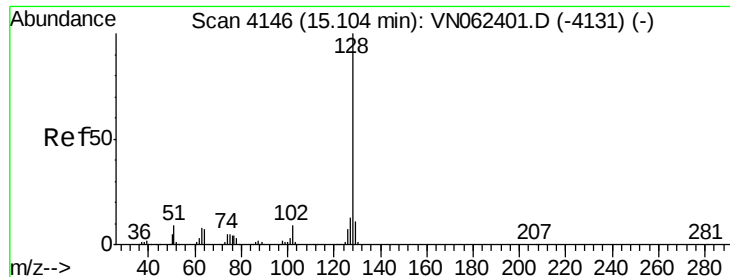
Tot Ion:180 Resp: 40677
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.4 145.2
 145 29.5 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 22.822 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Tgt Ion:225 Resp: 24550
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.3 96.8
 227 64.1 31.9 95.7

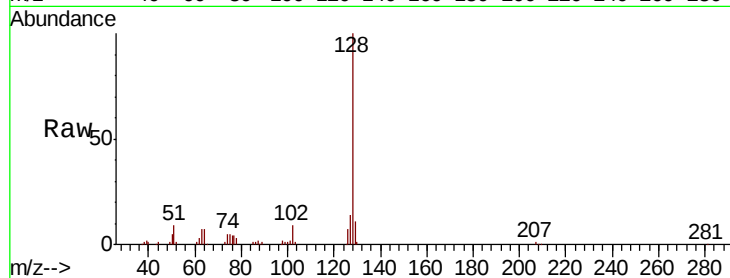




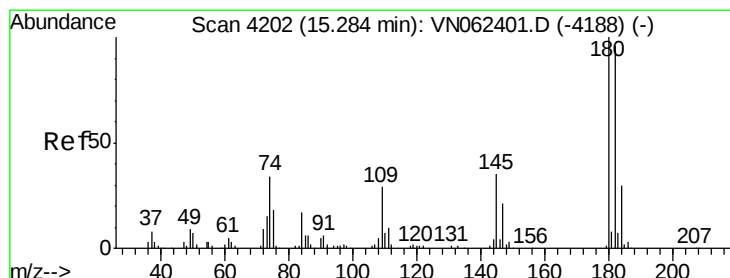
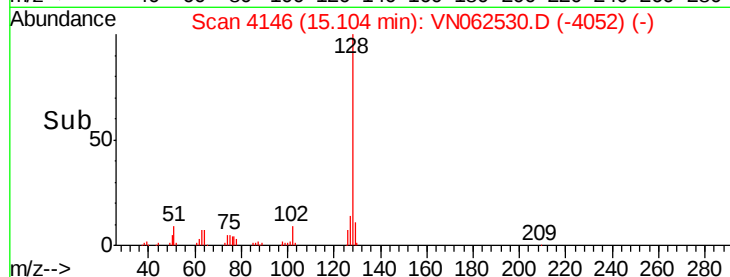
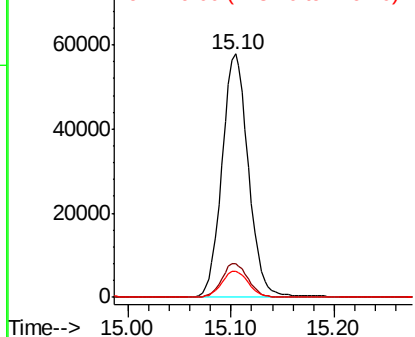
#95
Naphthalene
Concen: 21.047 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD01

Tot Ion:128 Resp: 103318
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 11.0 8.6 12.8

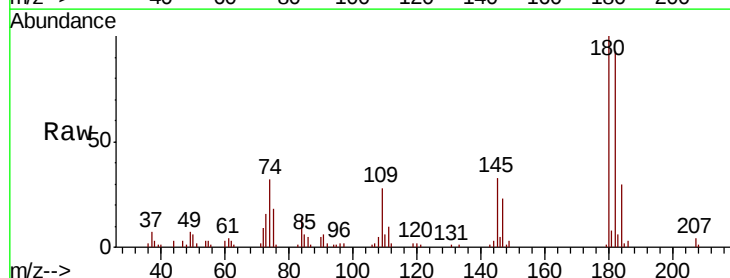


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.759 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Tgt Ion:180 Resp: 40894
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.4
145 32.1 17.0 50.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

