

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 :

Quant Time: Jul 16 01:04:20 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	158562	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
35) Dibromofluoromethane	7.55	113	113074	55.18	ug/l	0.00
Spiked Amount			Recovery	=	110.36%	
50) Toluene-d8	10.06	98	446352	55.17	ug/l	0.00
Spiked Amount			Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.37	95	164154	55.52	ug/l	0.00
Spiked Amount			Recovery	=	111.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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

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Quant Time: Jul 16 01:04:20 2020
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 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	97188	28.688	ug/l #	100
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

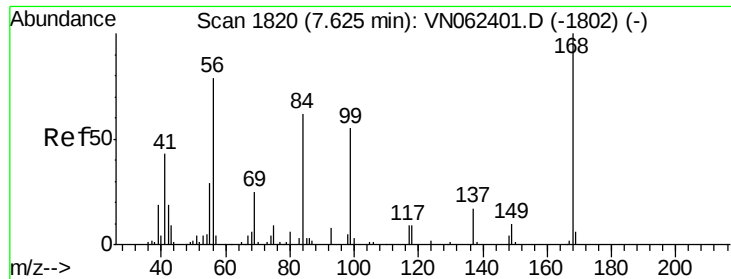
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

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

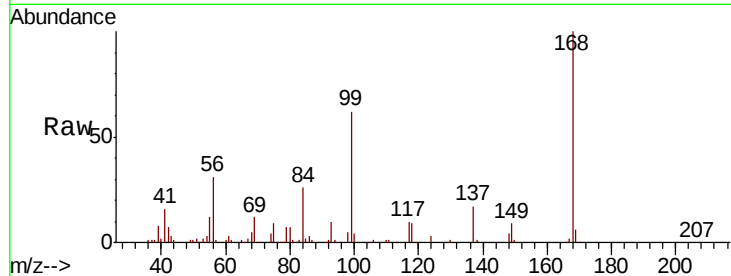
ClientSampleId :

Tot Ion:168 Resp: 198148

Ion Ratio Lower Upper

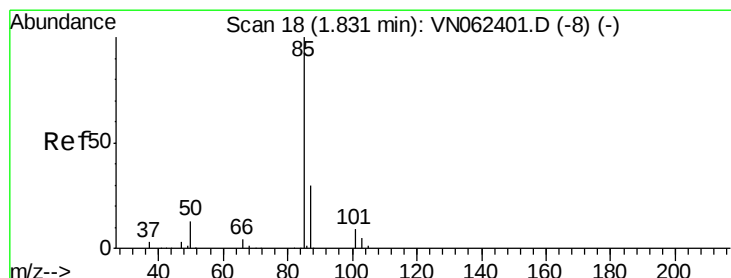
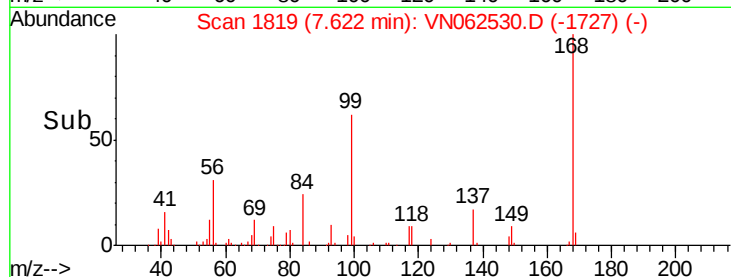
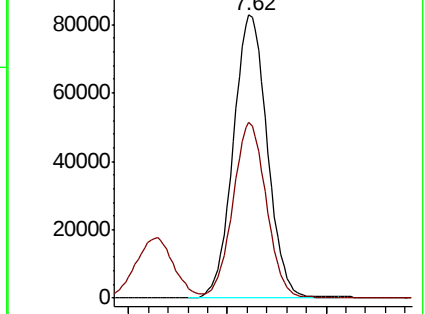
168 100

99 61.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): VN062401.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062401.D (-1802) (-)



#2

Dichlorodifluoromethane

Concen: 18.272 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062530.D

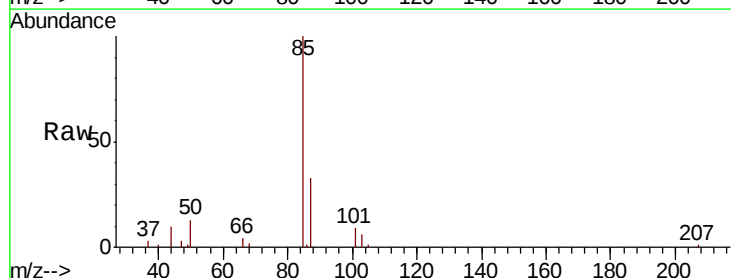
Acq: 15 Jul 2020 12:55

Tgt Ion: 85 Resp: 36879

Ion Ratio Lower Upper

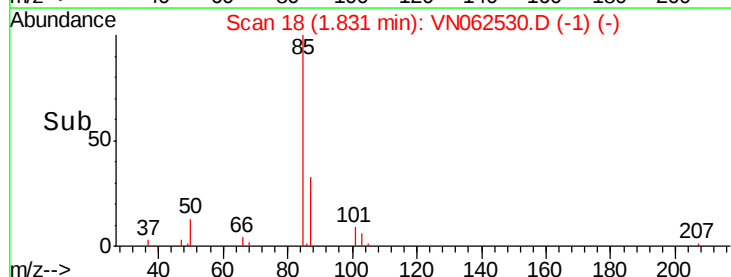
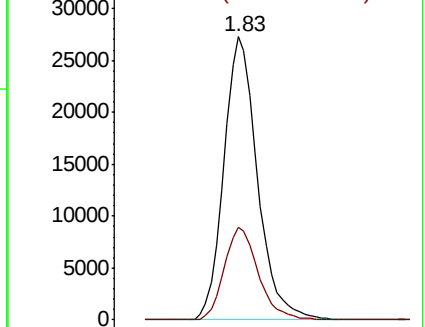
85 100

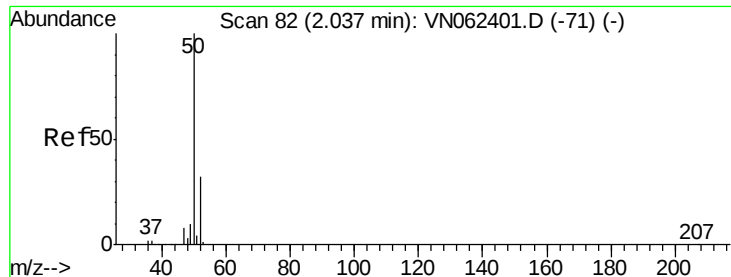
87 32.6 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN062401.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN062401.D (-8) (-)





#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

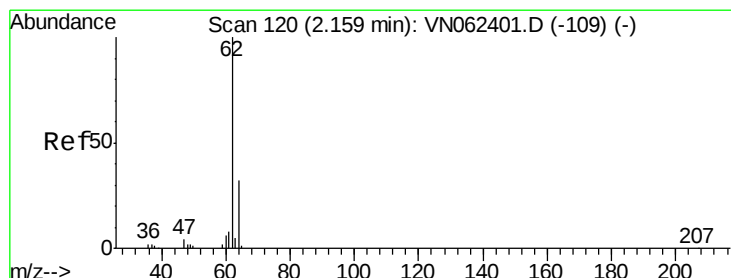
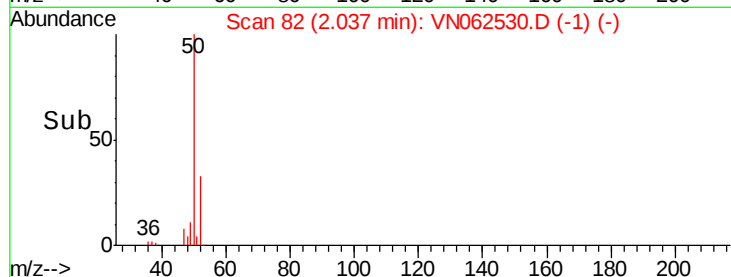
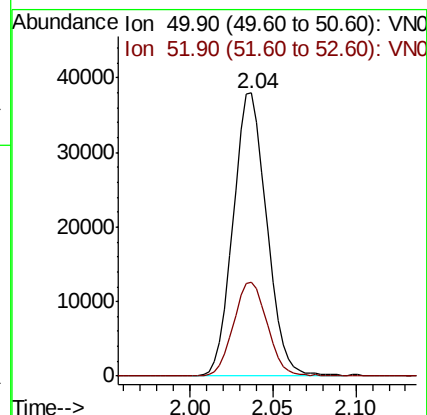
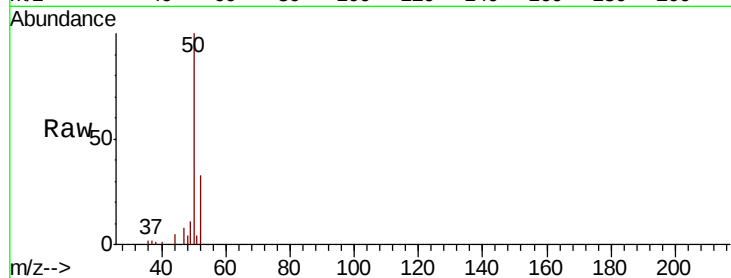
ClientSampled :

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

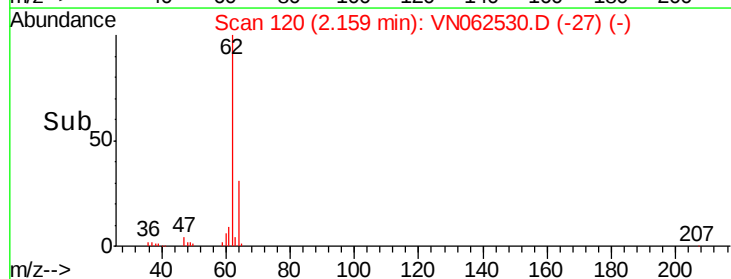
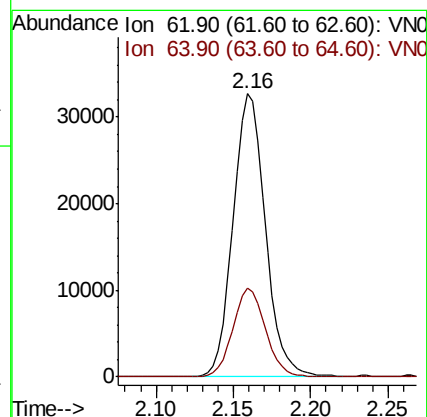
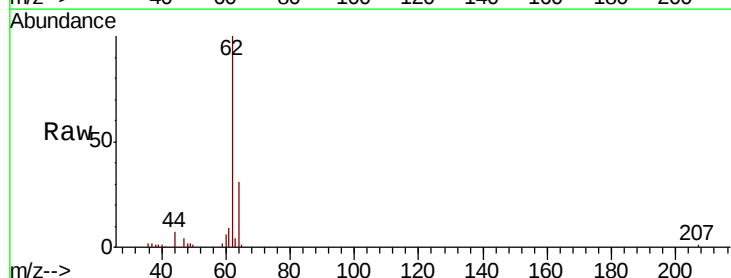
Acq: 15 Jul 2020 12:55

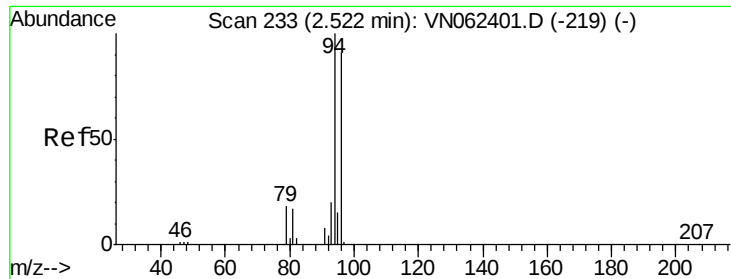
Tgt Ion: 62 Resp: 47229

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

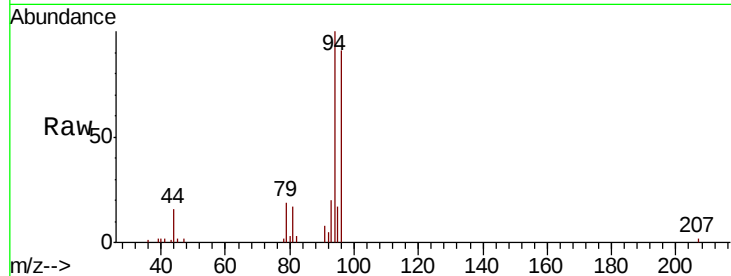
ClientSampled :

Tot Ion: 94 Resp: 24414

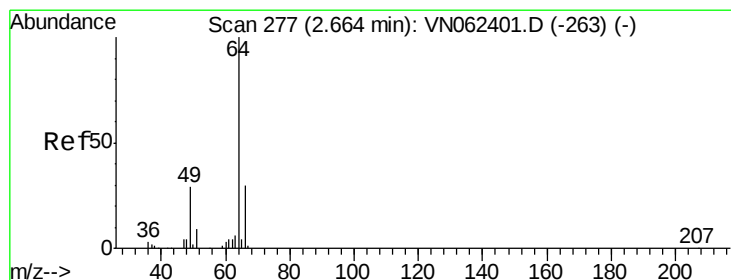
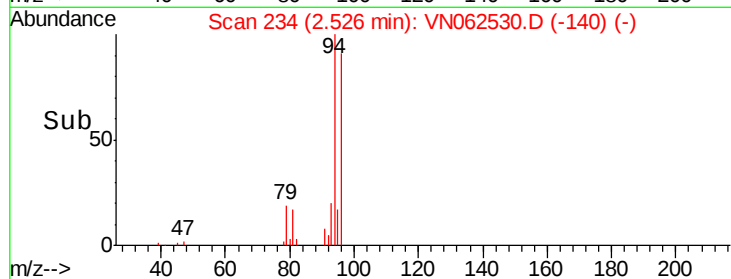
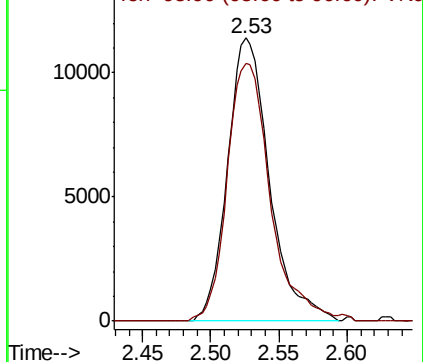
Ion Ratio Lower Upper

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

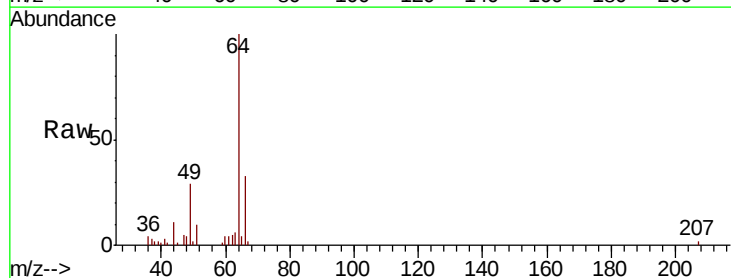
Acq: 15 Jul 2020 12:55

Tgt Ion: 64 Resp: 24658

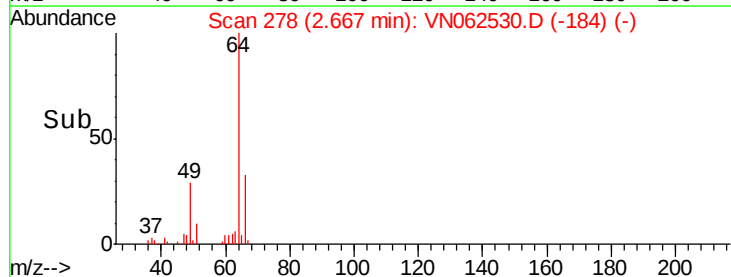
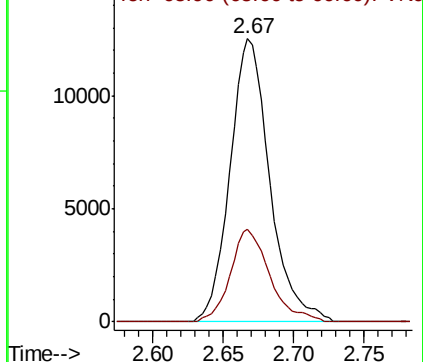
Ion Ratio Lower Upper

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



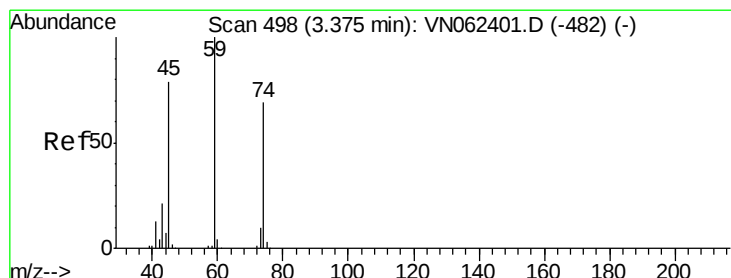
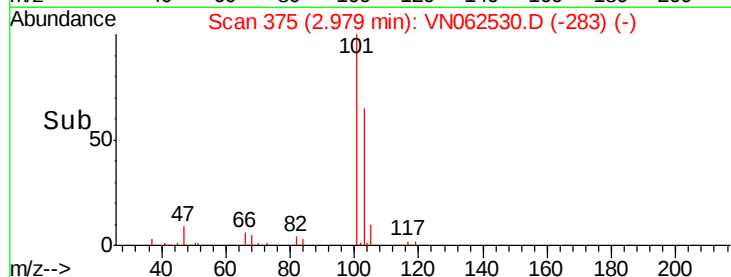
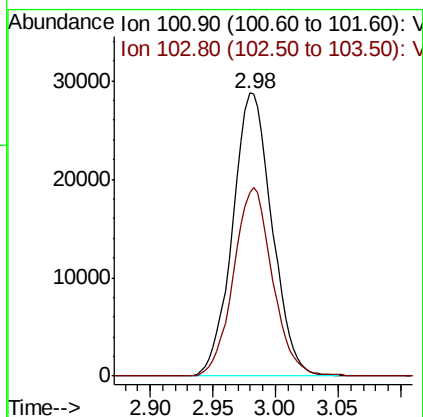
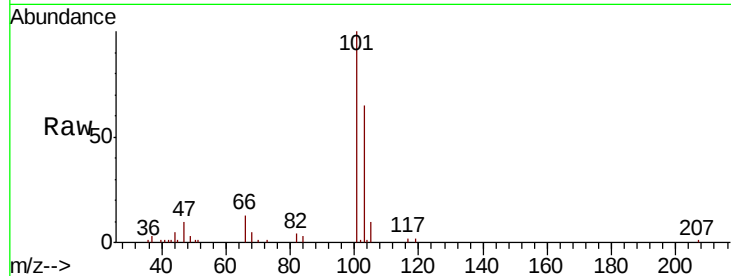


#7

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 :

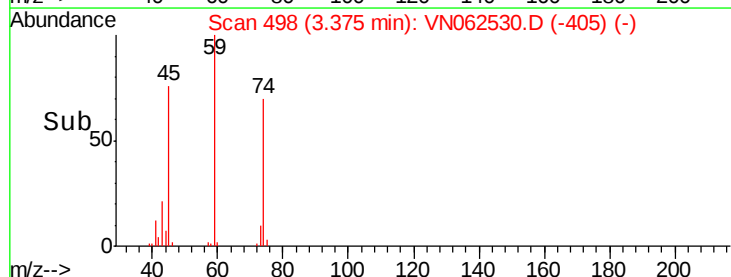
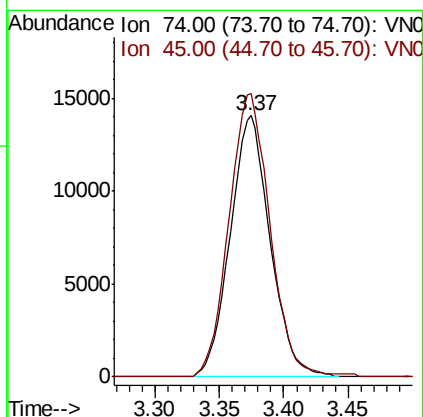
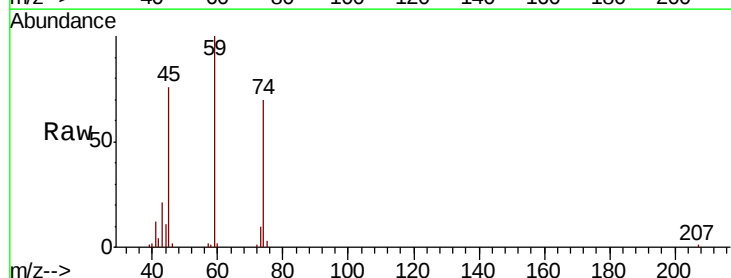
Tot Ion:101 Resp: 62895
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4

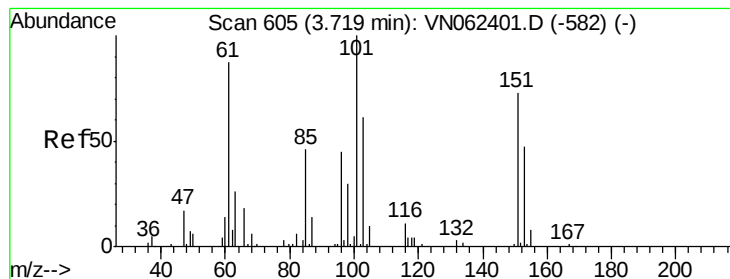


#8

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

ClientSampled :

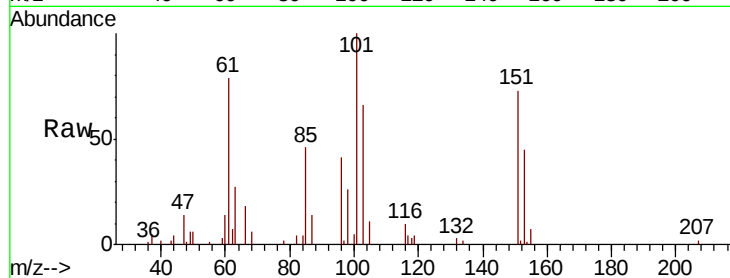
Tot Ion:101 Resp: 40889

Ion Ratio Lower Upper

101 100

85 44.8 36.7 55.1

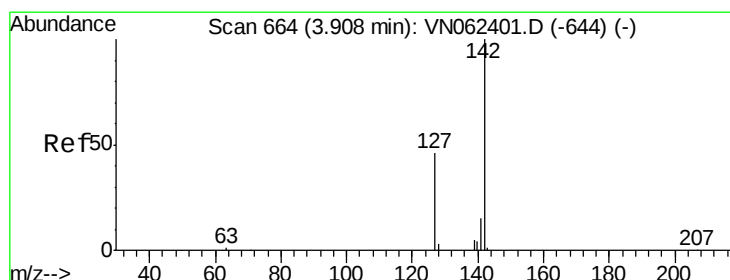
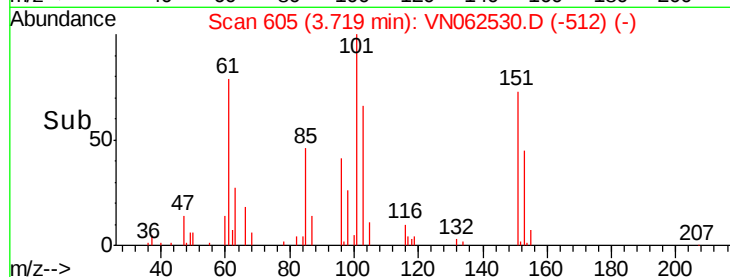
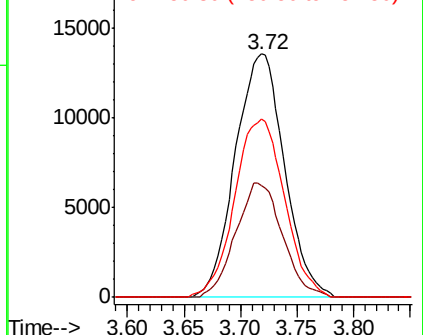
151 74.3 58.3 87.5



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

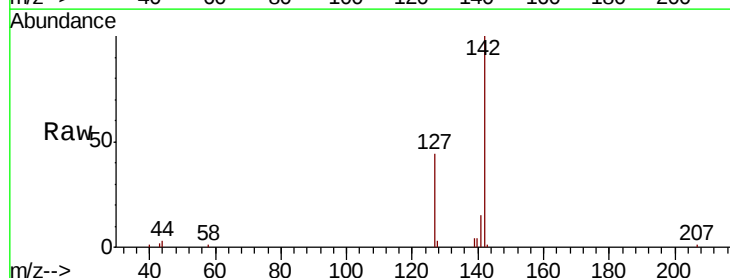
Tgt Ion:142 Resp: 46769

Ion Ratio Lower Upper

142 100

127 45.0 36.1 54.1

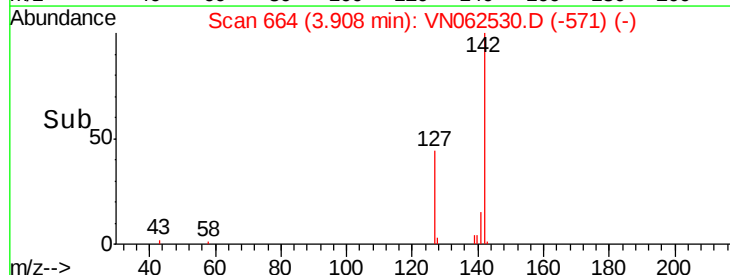
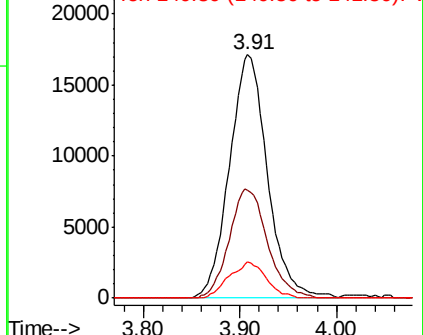
141 14.5 11.4 17.0

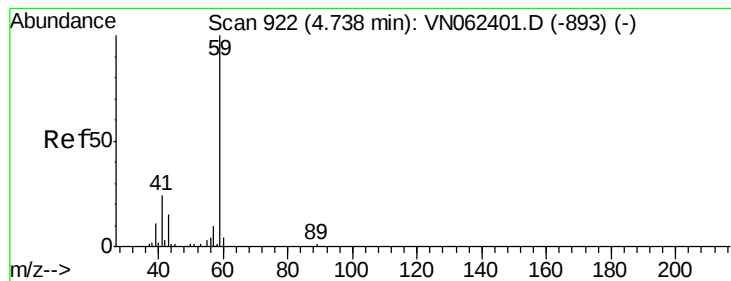


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



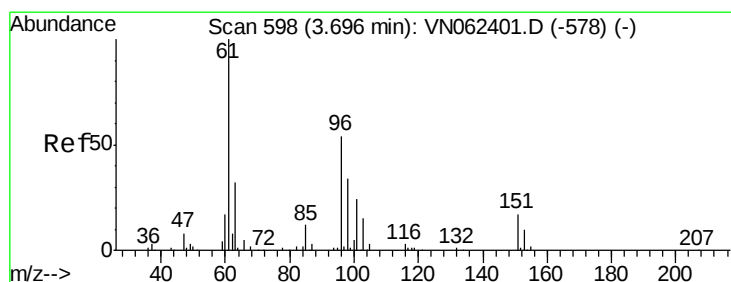
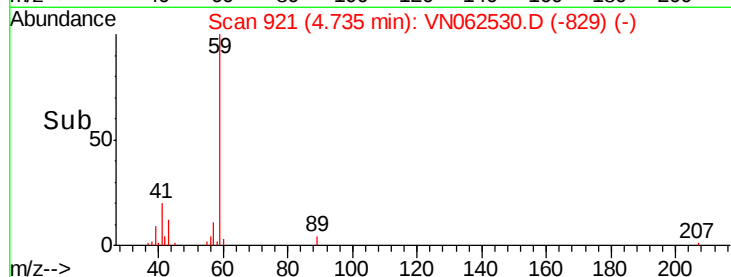
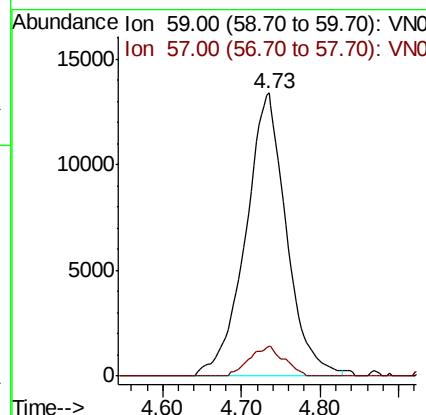
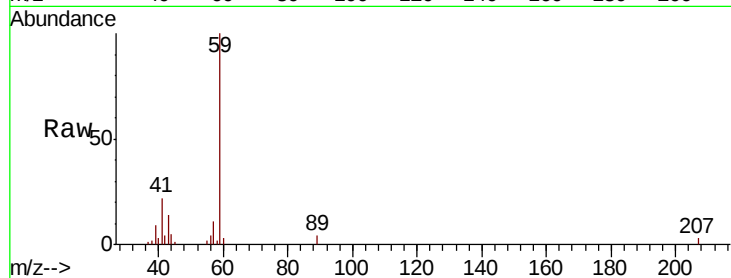


#11

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
 ClientSampled :

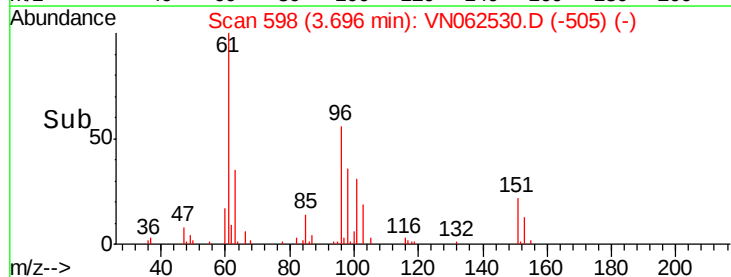
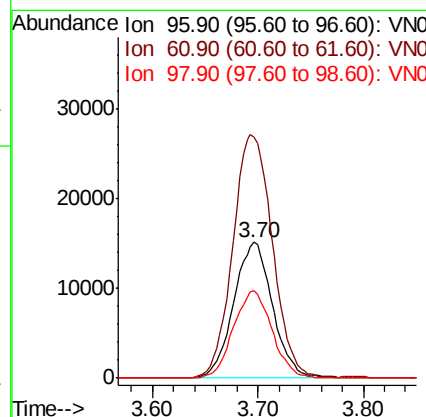
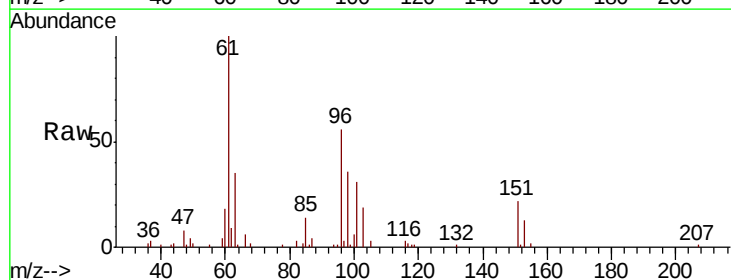
Tot Ion: 59 Resp: 48967
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.8 11.6

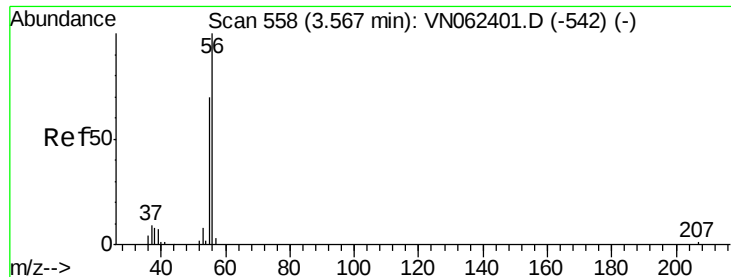


#12

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

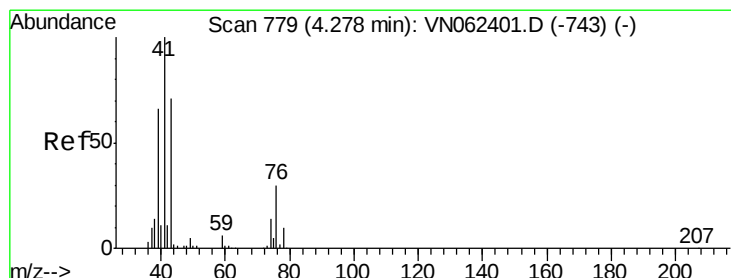
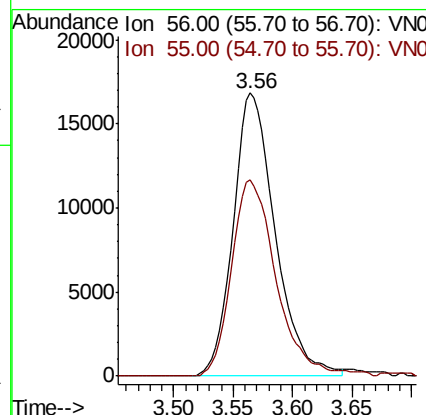
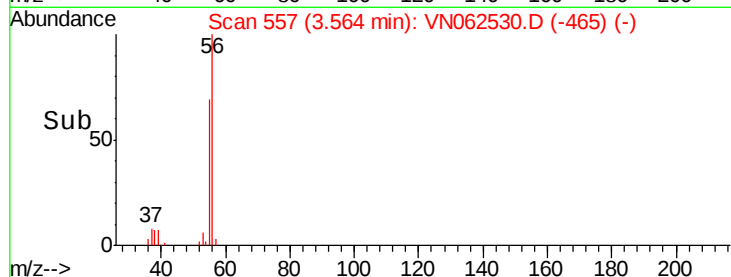
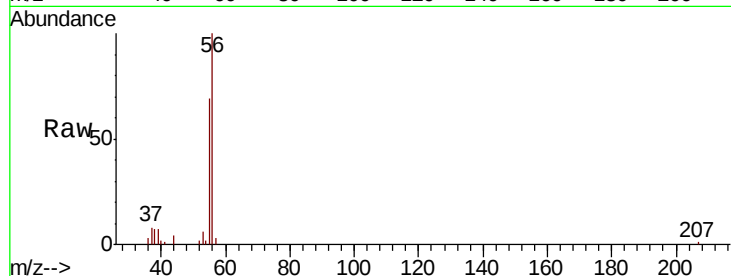
ClientSampleId :

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

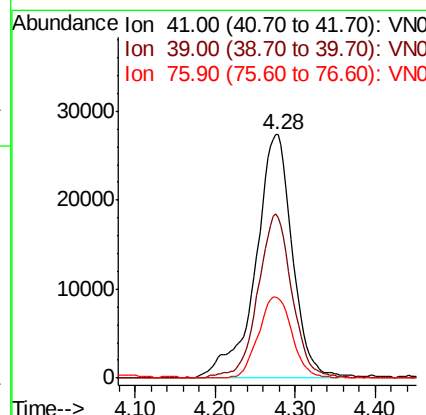
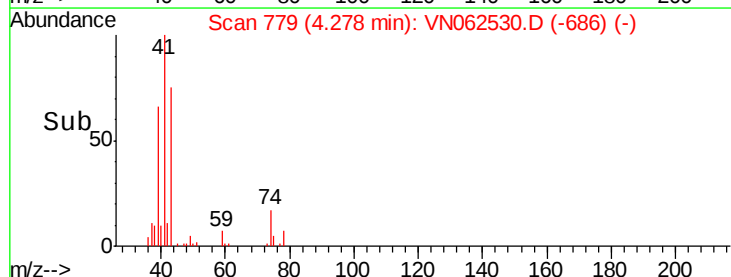
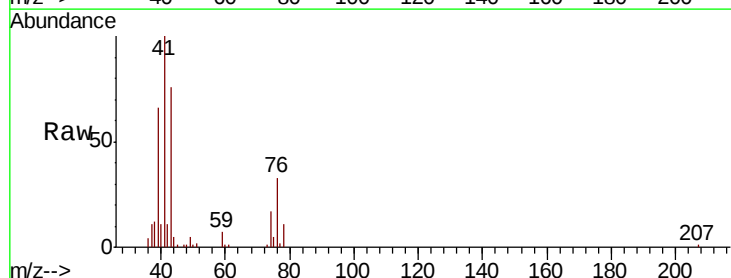
Tgt Ion: 41 Resp: 86370

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

ClientSampled :

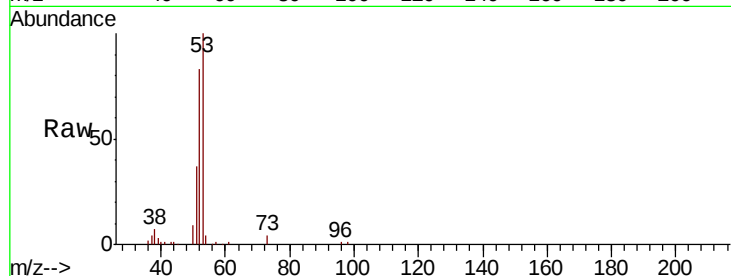
Tot Ion: 53 Resp: 129614

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

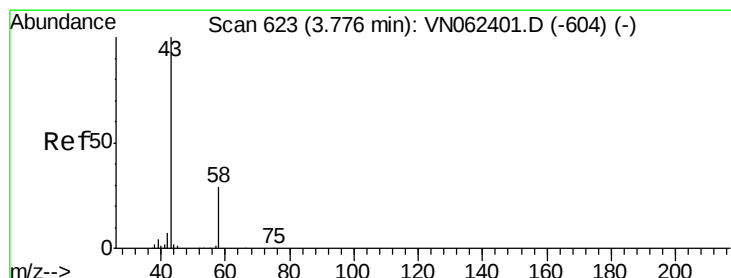
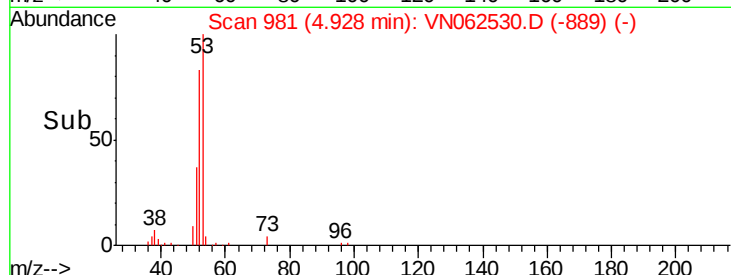
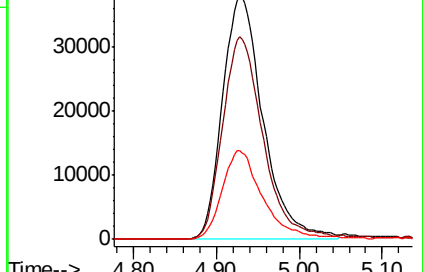
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062401.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062401.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062401.D (-960) (-)



#16

Acetone

Concen: 83.740 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062530.D

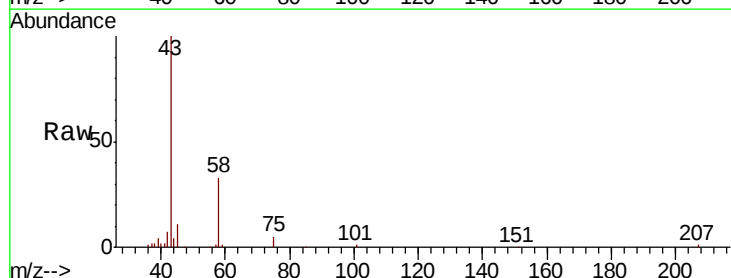
Acq: 15 Jul 2020 12:55

Tgt Ion: 43 Resp: 108355

Ion Ratio Lower Upper

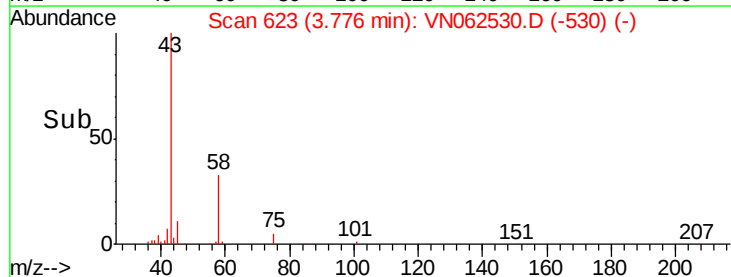
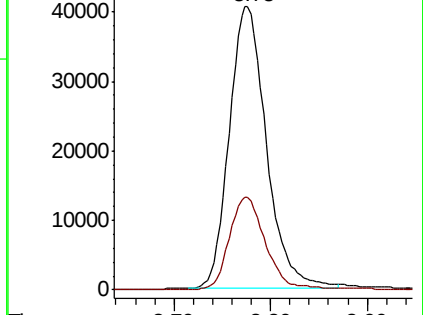
43 100

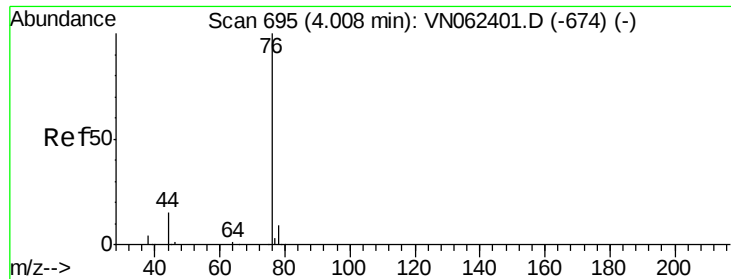
58 32.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-604) (-)

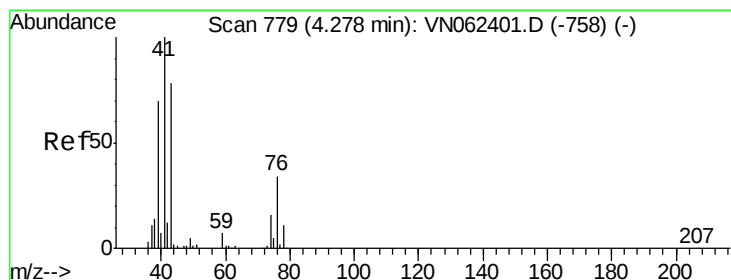
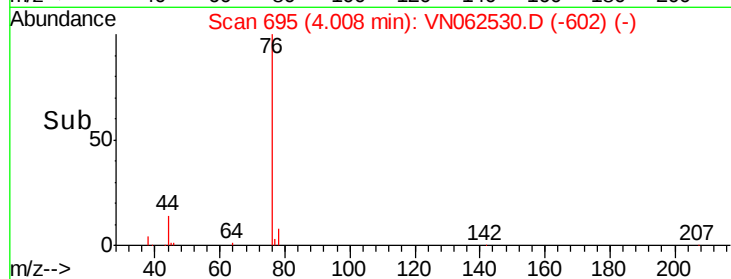
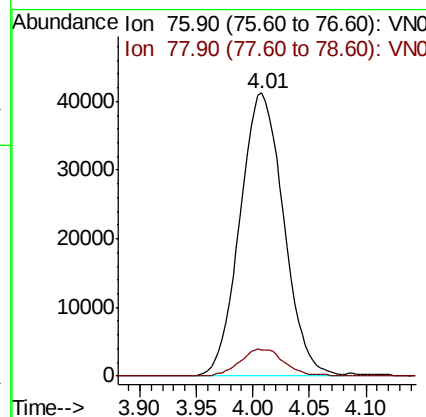
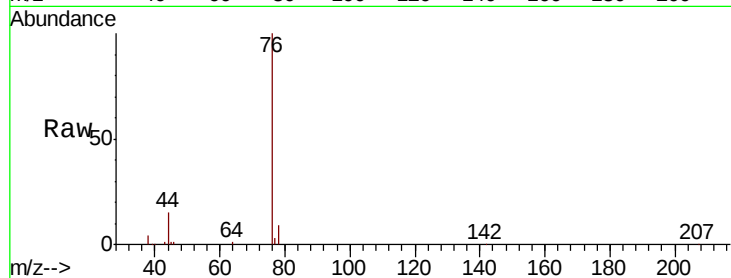




#17
 Carbon Disulfide
 Concen: 17.444 ug/l
 RT: 4.01 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

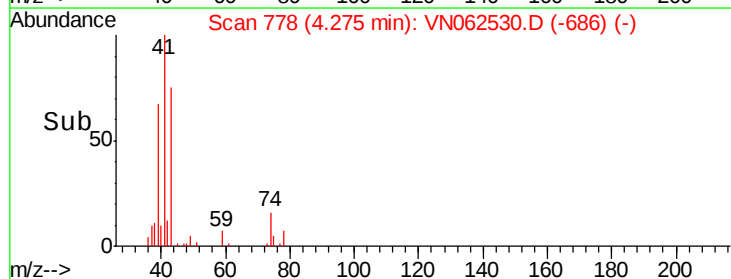
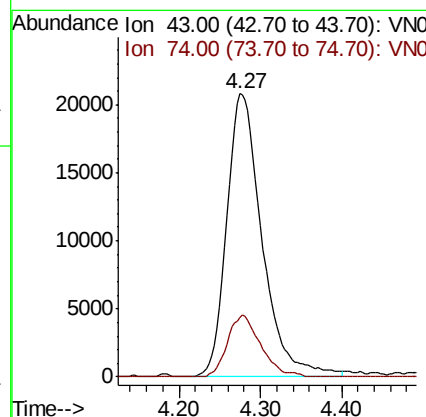
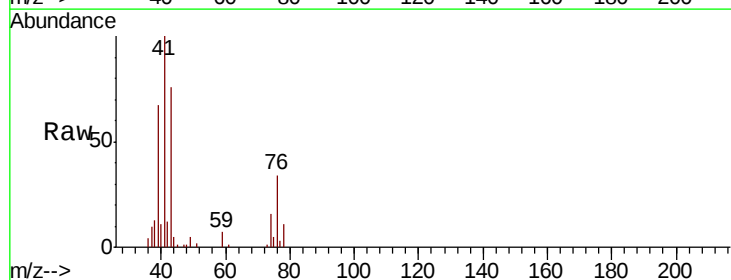
Instrument :
 MSVOA_N
 ClientSampleId :

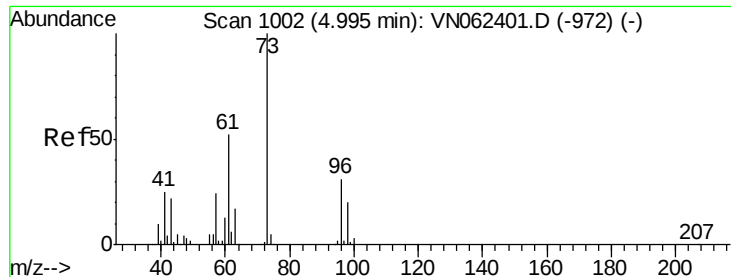
Tot Ion: 76 Resp: 111169
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.3 10.9



#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

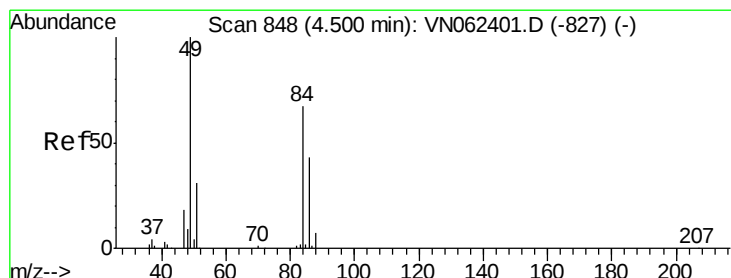
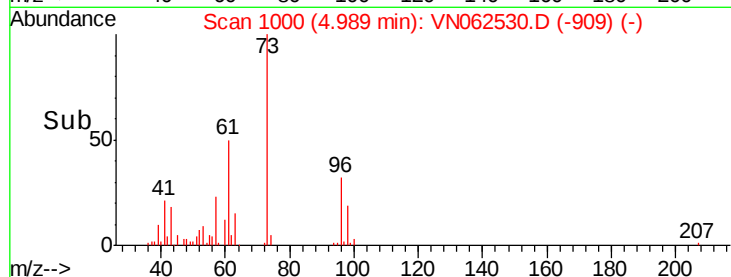
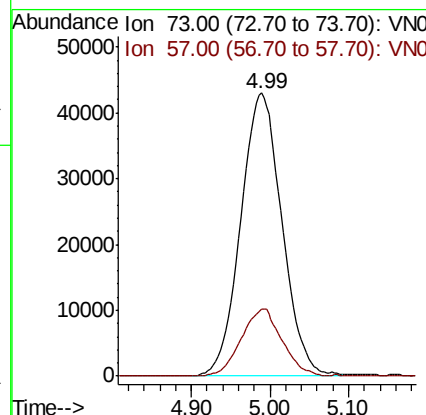
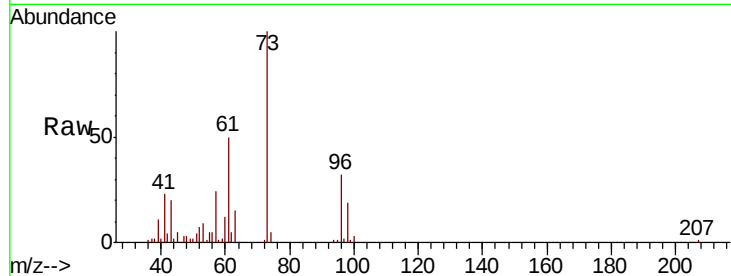




#19
Methvl tert-butvl Ether
Concen: 20.535 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

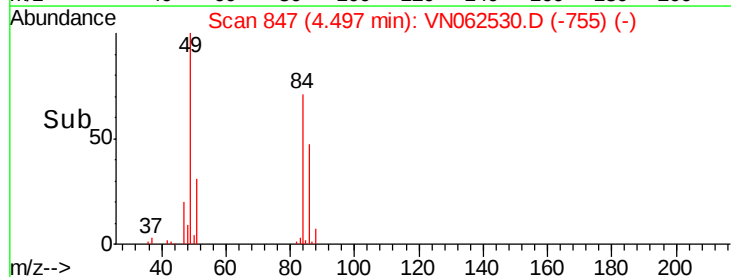
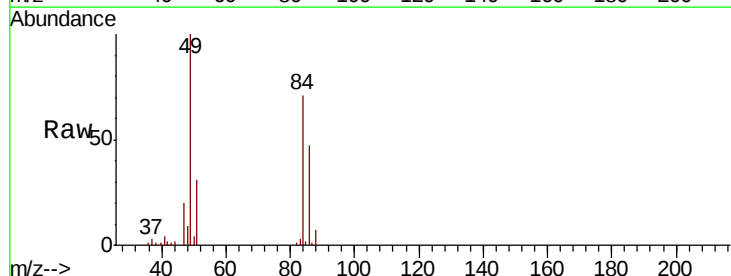
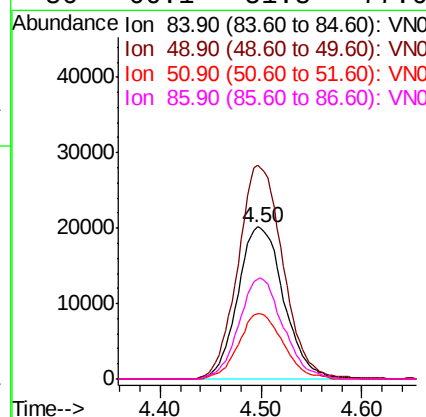
Instrument :
MSVOA_N
ClientSampled :

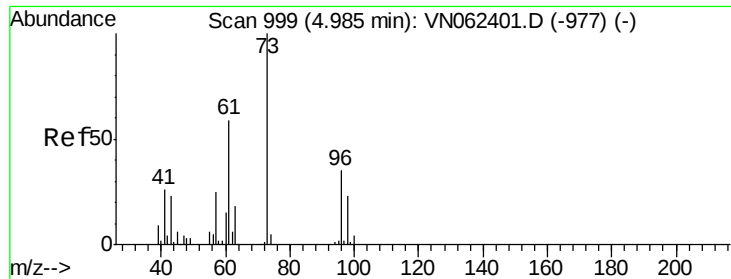
Tot Ion: 73 Resp: 158340
Ion Ratio Lower Upper
73 100
57 23.6 19.4 29.0



#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

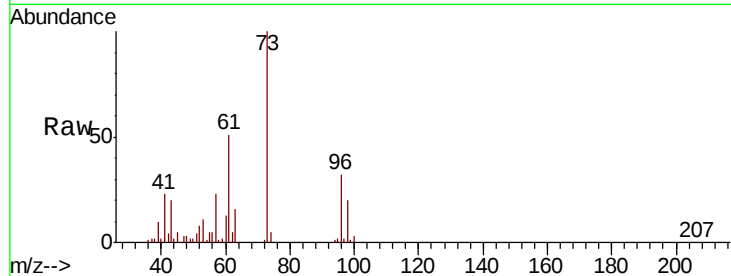




#21
trans-1,2-Dichloroethene
Concen: 19.697 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampled :

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

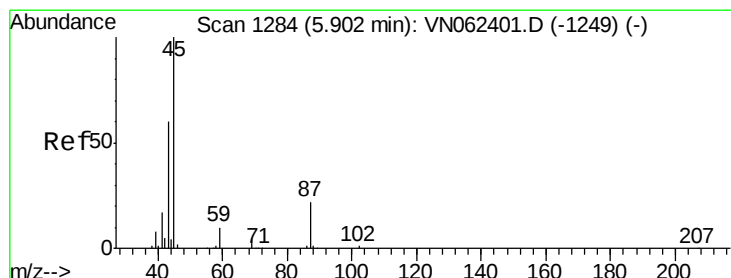
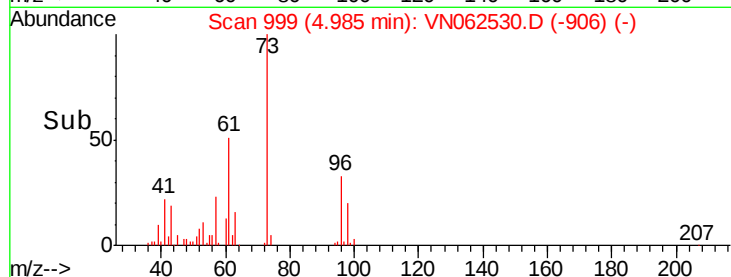
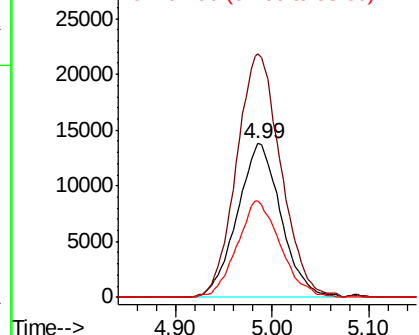


Abundance

Ion 95.90 (95.60 to 96.60): VN0

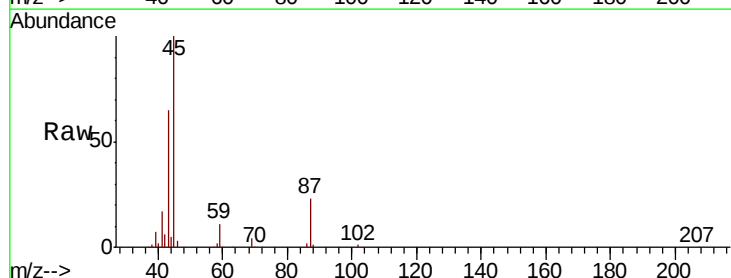
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#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



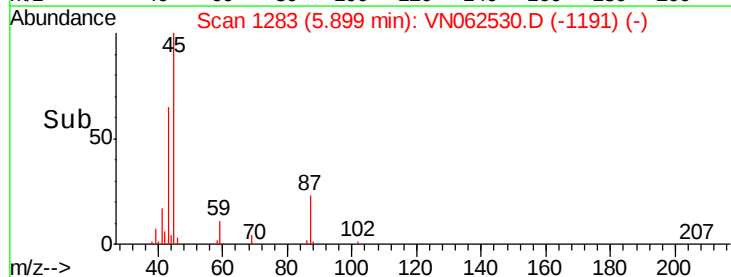
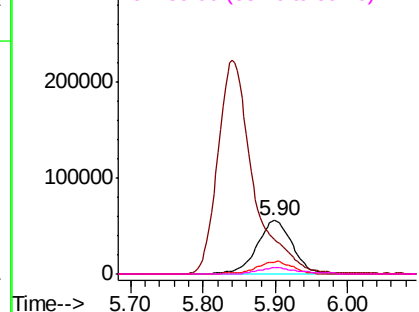
Abundance

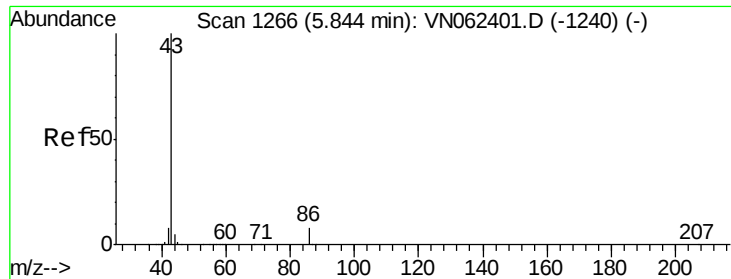
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#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

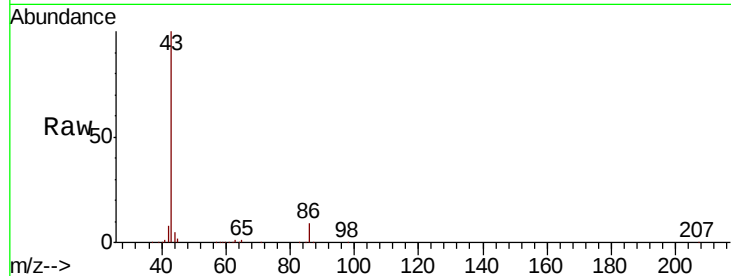
ClientSampled :

Tot Ion: 43 Resp: 753299

Ion Ratio Lower Upper

43 100

86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN062530.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062530.D (-1173) (-)

5.84

250000

200000

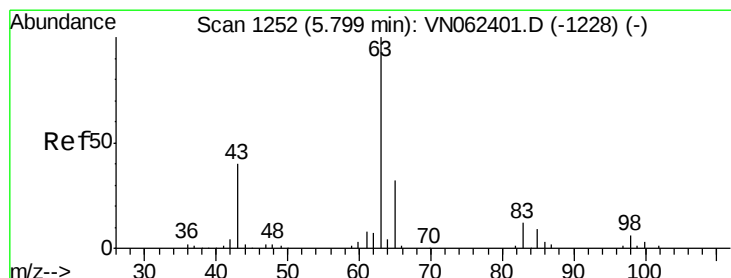
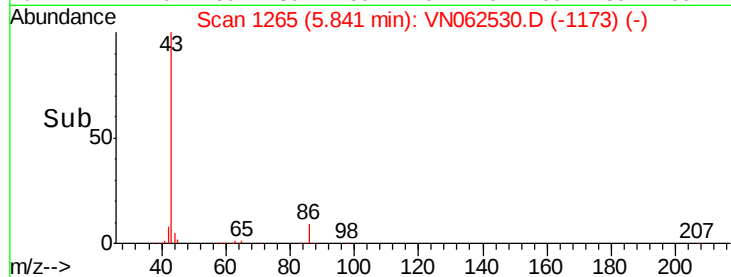
150000

100000

50000

0

Time-->



#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

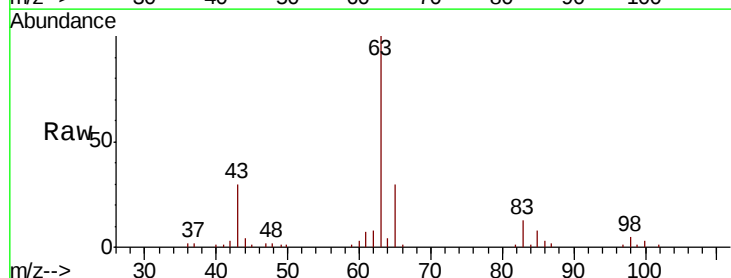
Tgt Ion: 63 Resp: 95466

Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.8

100 3.4 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN062530.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN062530.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN062530.D (-1159) (-)

5.80

40000

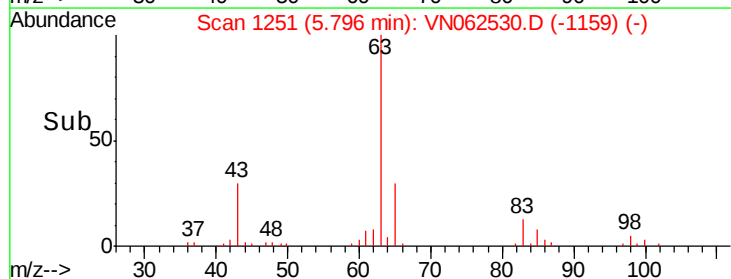
30000

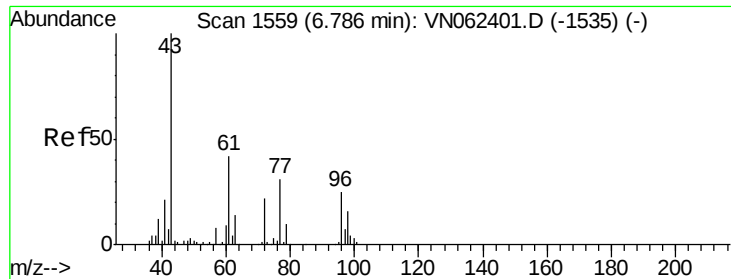
20000

10000

0

Time-->

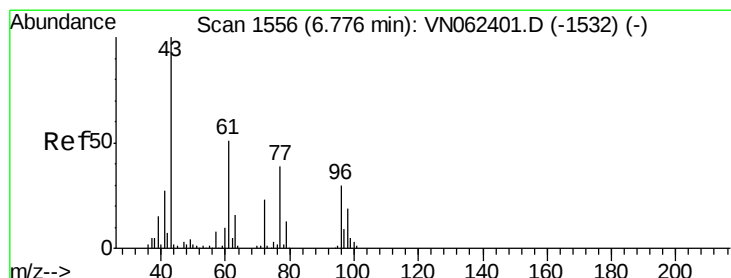
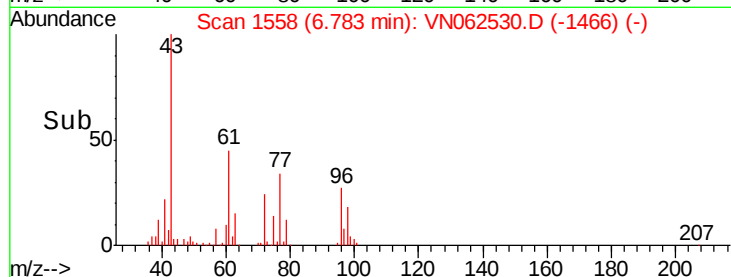
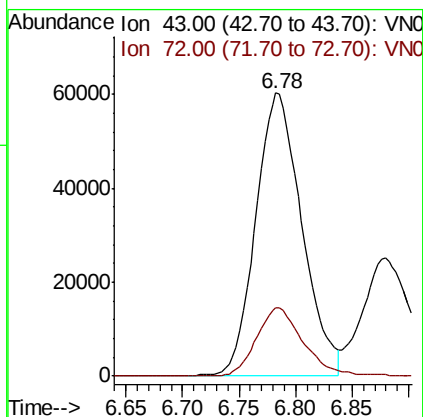
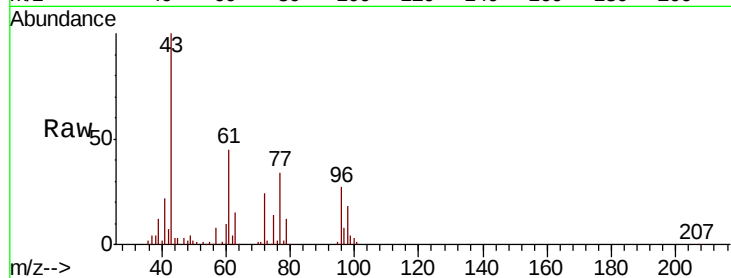




#25
2-Butanone
Concen: 90.391 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

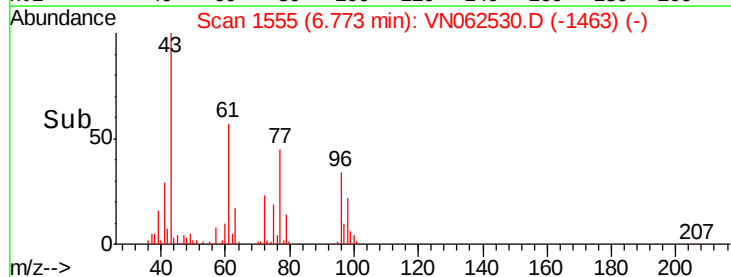
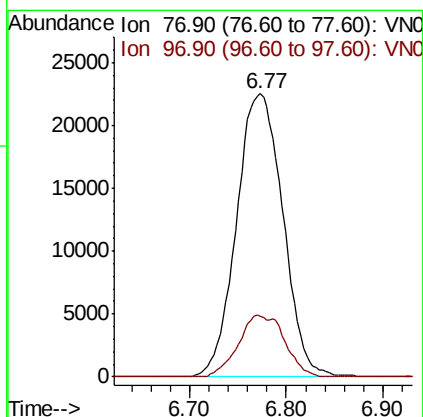
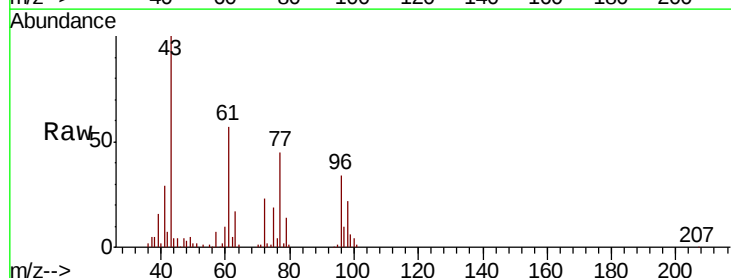
Instrument :
MSVOA_N
ClientSampleId :

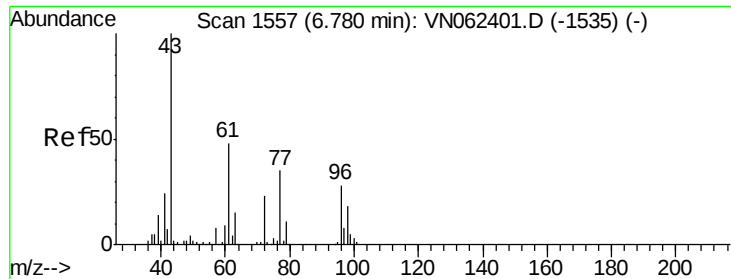
Tot Ion: 43 Resp: 170814
Ion Ratio Lower Upper
43 100
72 24.1 17.9 26.9



#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

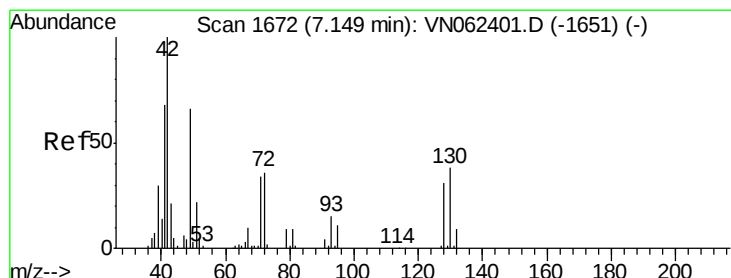
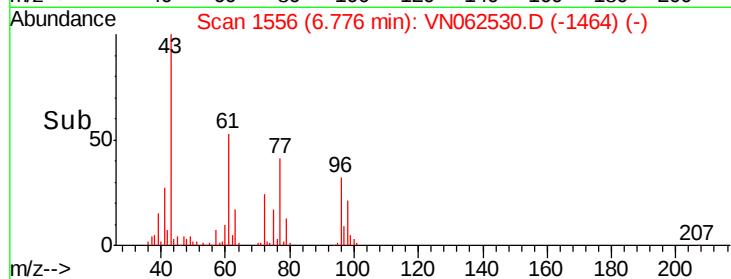
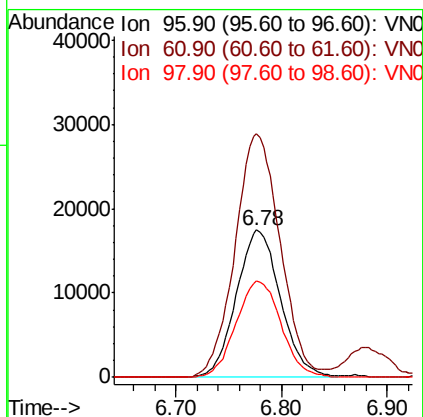
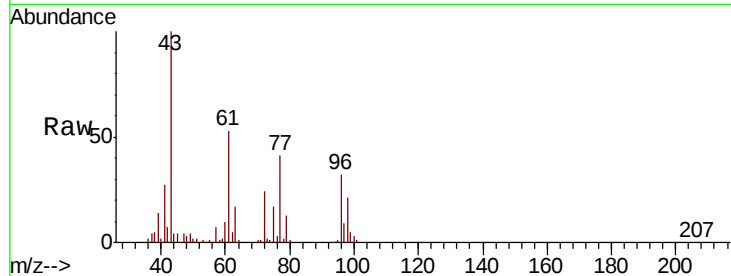




#27
 cis-1,2-Dichloroethene
 Concen: 19.943 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

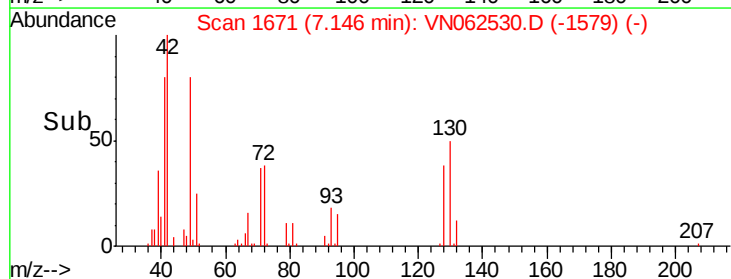
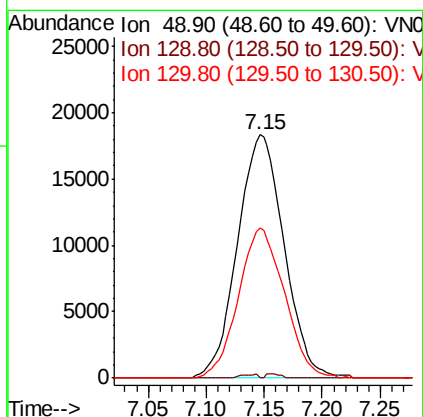
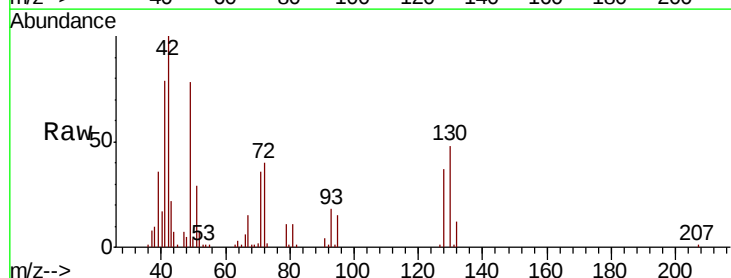
Instrument :
 MSVOA_N
 ClientSampled :

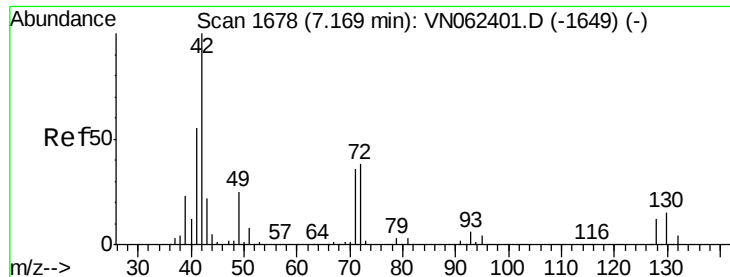
Tot Ion	96	Resp	50895
Ion	Ratio	Lower	Upper
96	100		
61	169.1	0.0	343.4
98	66.5	0.0	128.4



#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

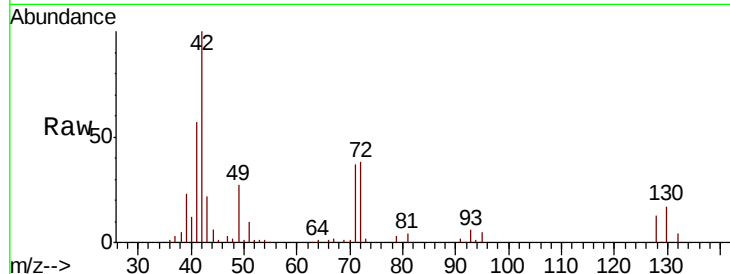




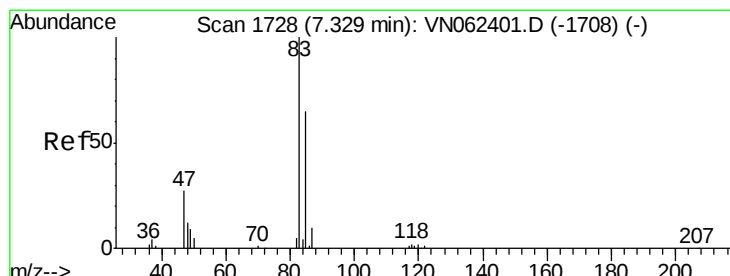
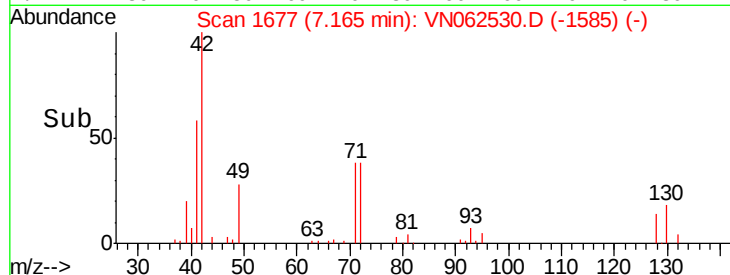
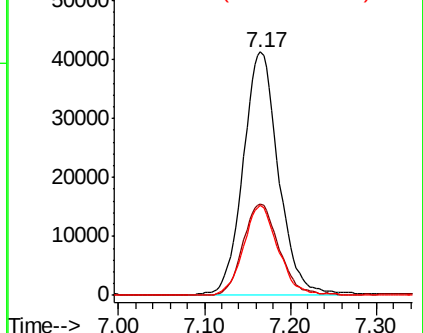
#29
Tetrahydrofuran
Concen: 93.092 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampled :

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

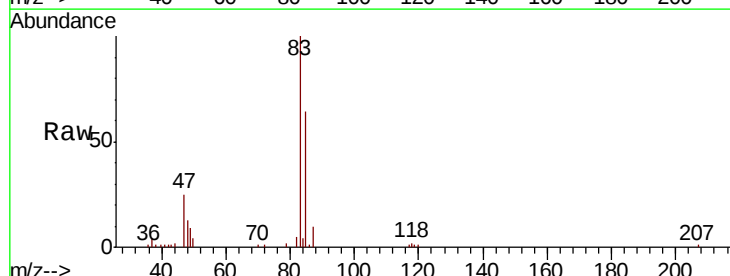


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

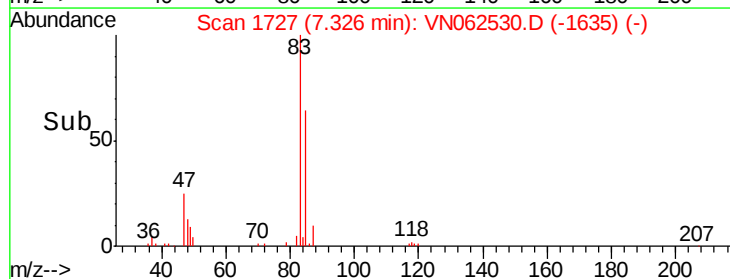
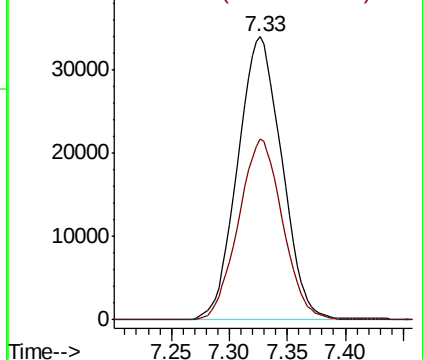


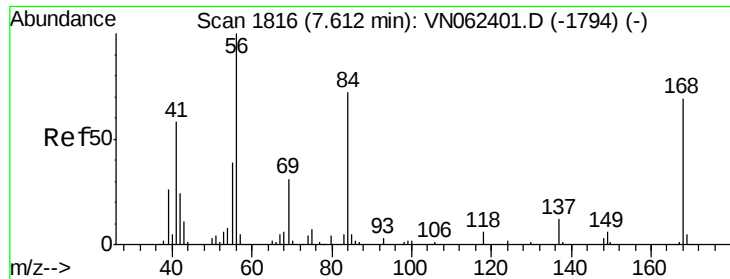
#30
Chloroform
Concen: 20.385 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

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

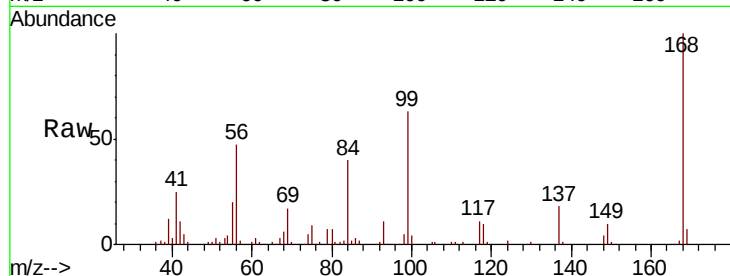




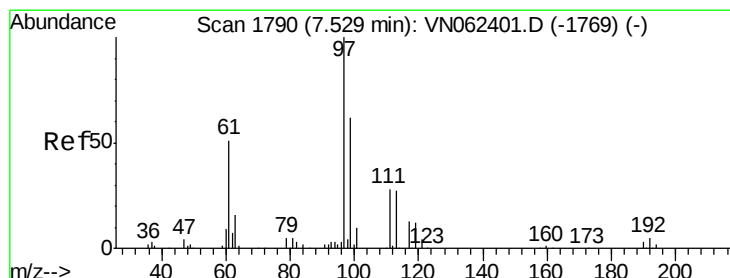
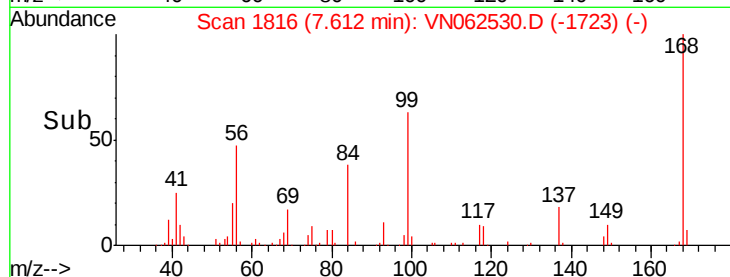
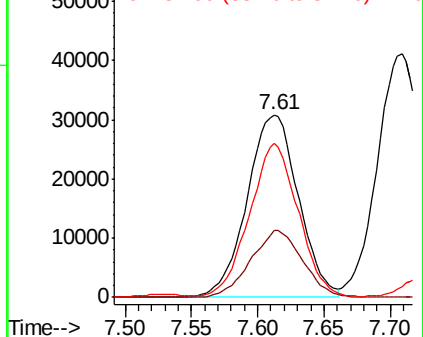
#31
Cyclohexane
Concen: 18.004 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :

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

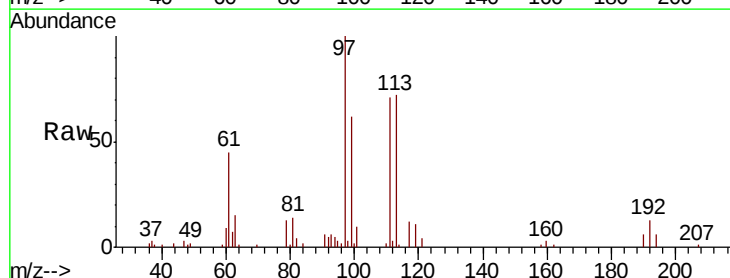


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

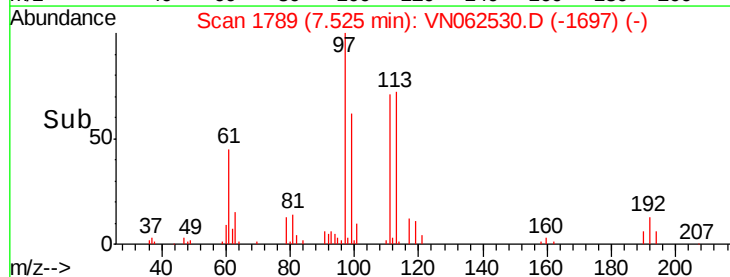
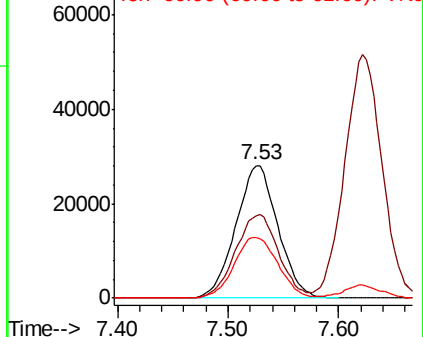


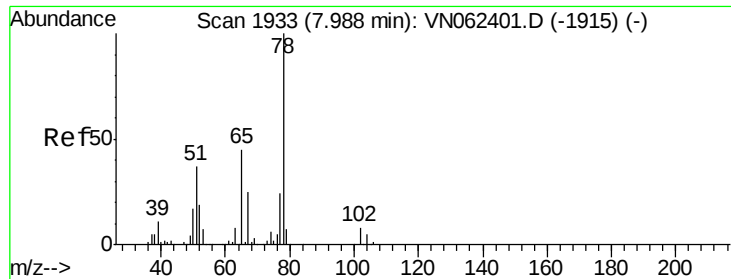
#32
1,1,1-Trichloroethane
Concen: 20.250 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

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

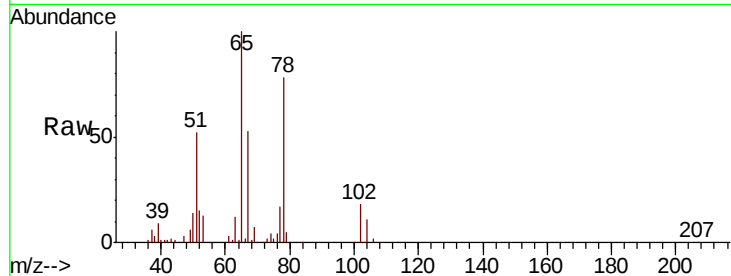
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 158562

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062530.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062530.D (-1840) (-)

7.99

60000

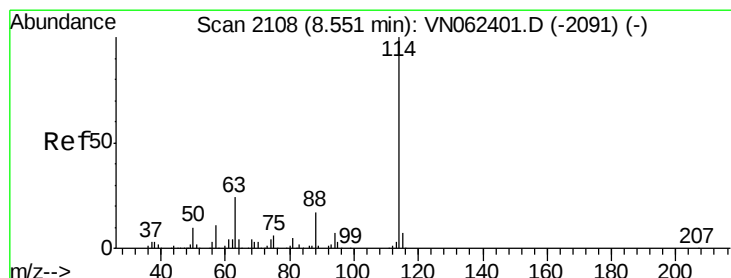
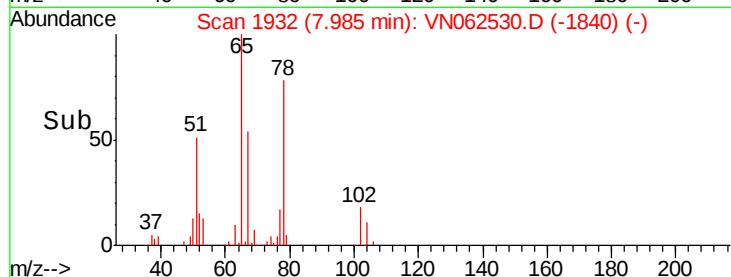
40000

20000

0

Time-->

7.90 7.95 8.00 8.05



#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

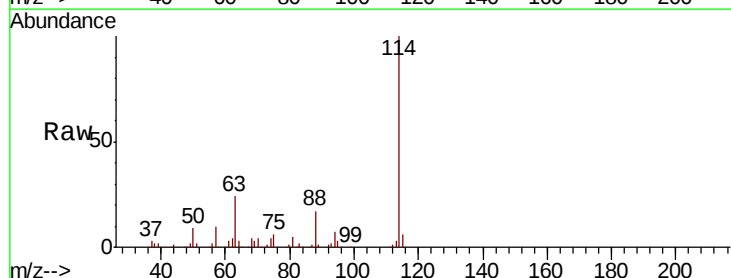
Tgt Ion: 114 Resp: 331536

Ion Ratio Lower Upper

114 100

63 23.6 0.0 48.4

88 17.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062530.D (-2155) (-)

Ion 63.00 (62.70 to 63.70): VN062530.D (-2155) (-)

Ion 87.90 (87.60 to 88.60): VN062530.D (-2155) (-)

8.55

200000

150000

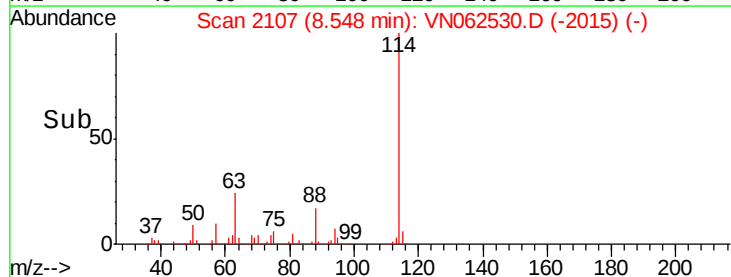
100000

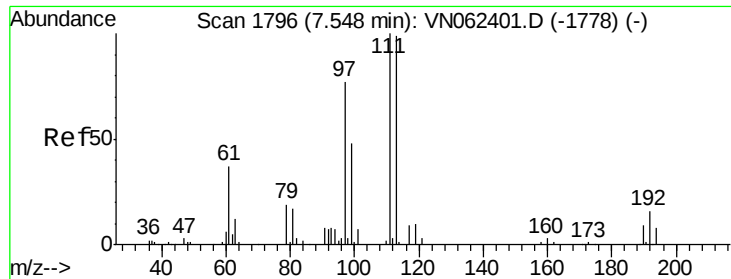
50000

0

Time-->

8.50 8.55 8.60 8.65 8.70

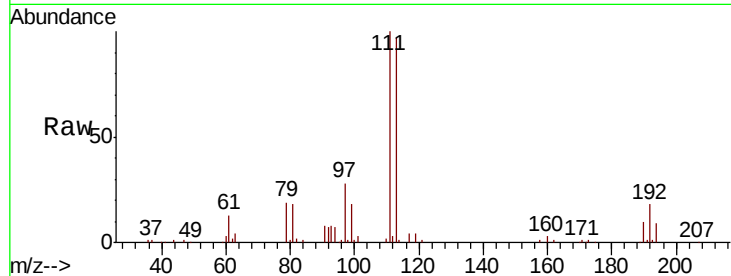




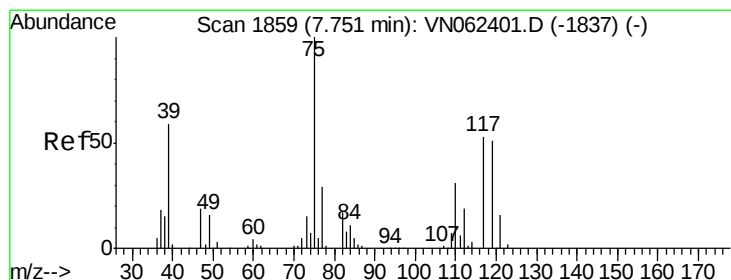
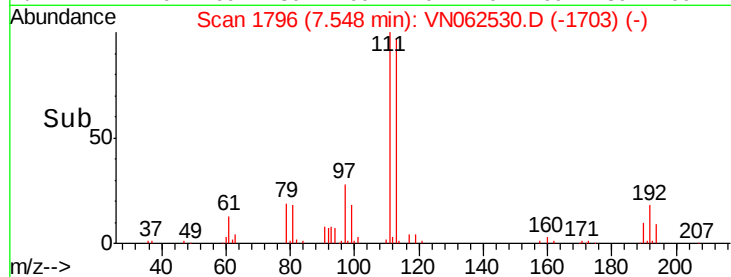
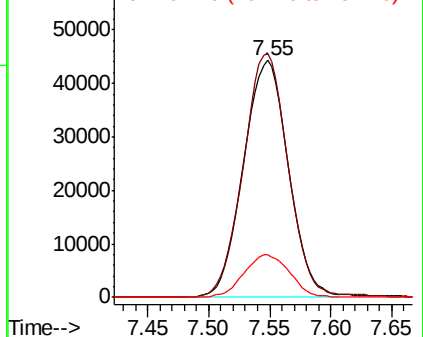
#35
 Dibromofluoromethane
 Concen: 55.176 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :

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

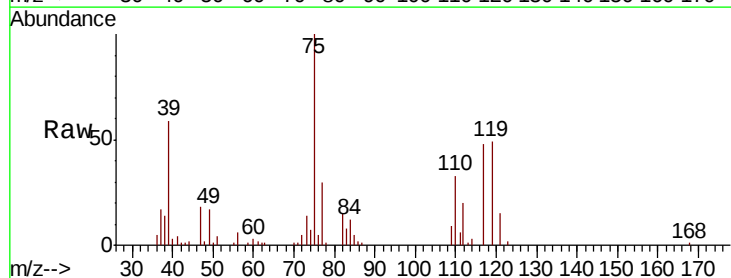


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

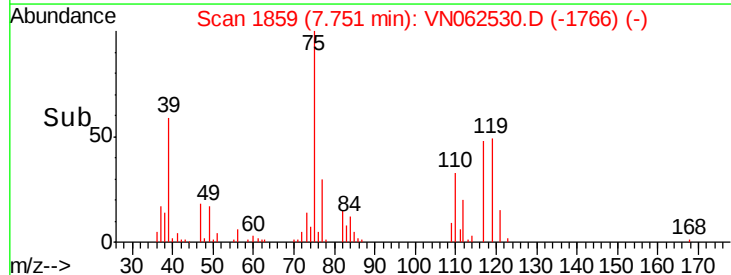
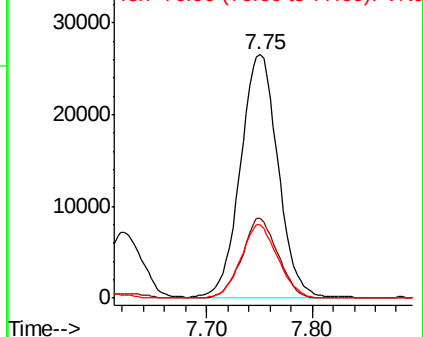


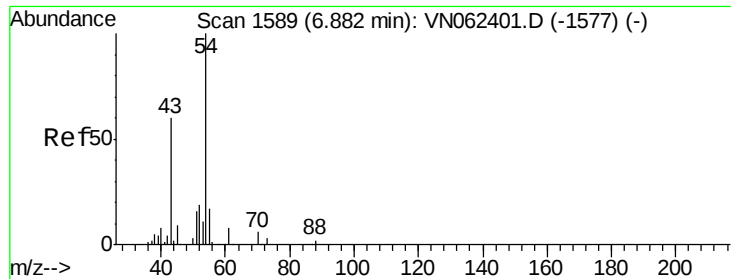
#36
 1,1-Dichloropropene
 Concen: 19.801 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

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): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

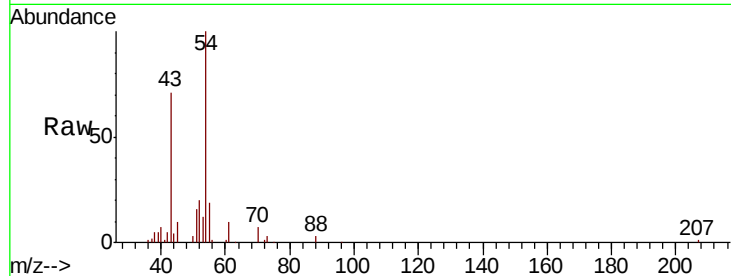




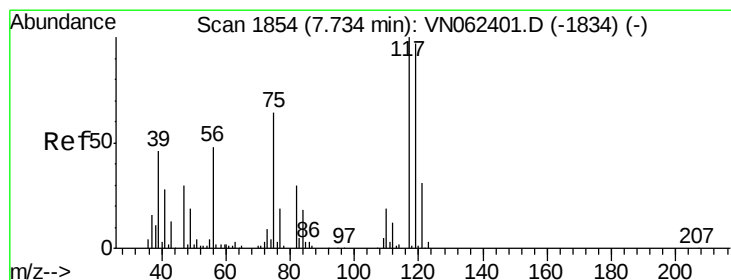
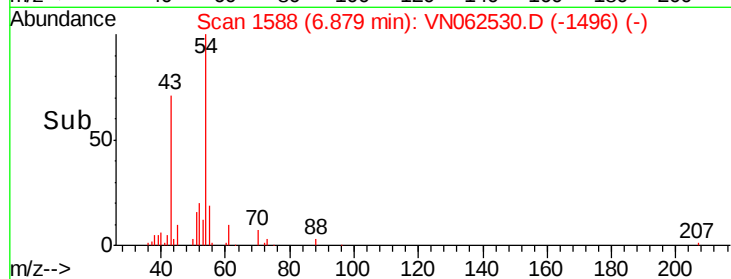
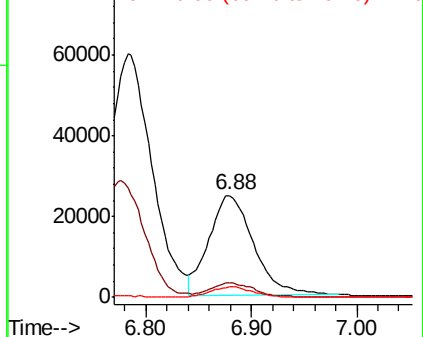
#37
Ethyl Acetate
Concen: 18.842 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampled :

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

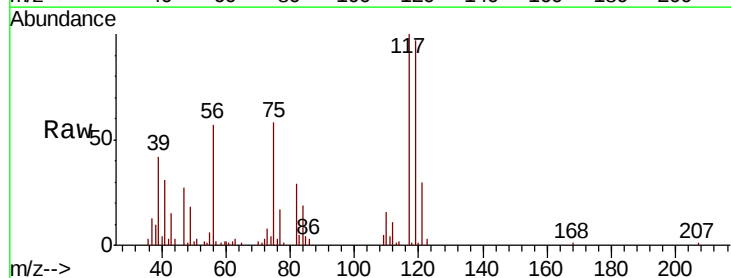


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

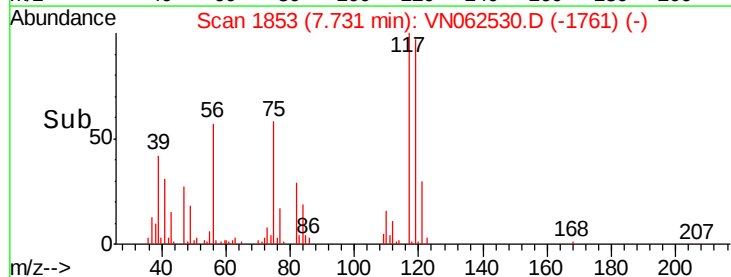
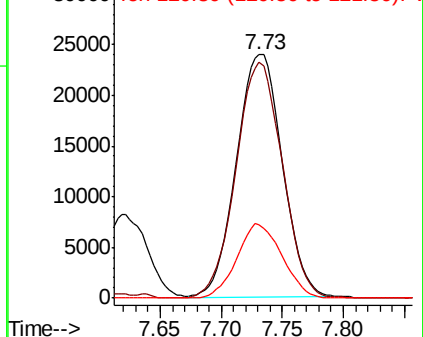


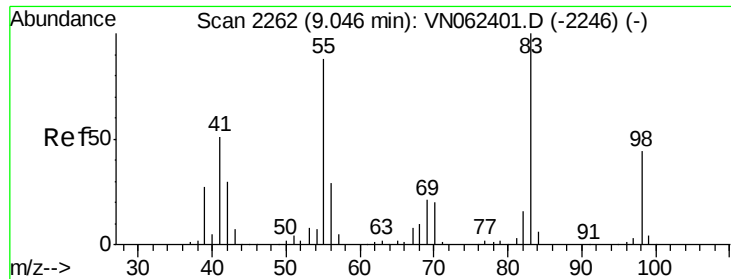
#38
Carbon Tetrachloride
Concen: 20.781 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

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

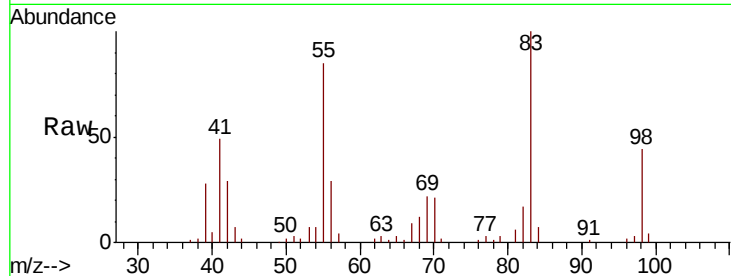




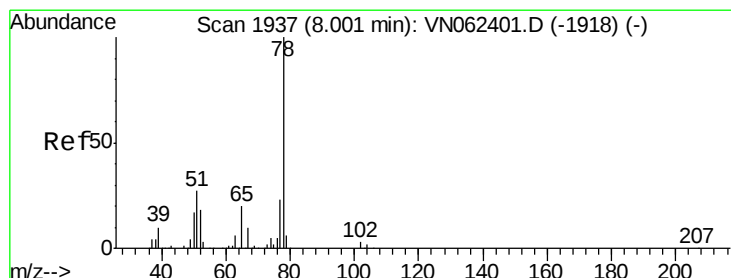
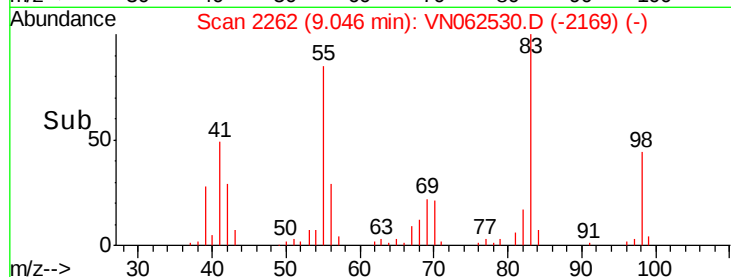
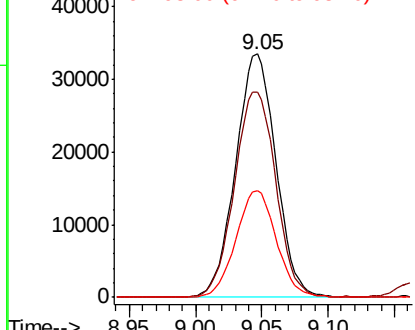
#39
Methvlcvclohexane
Concen: 19.853 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :

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

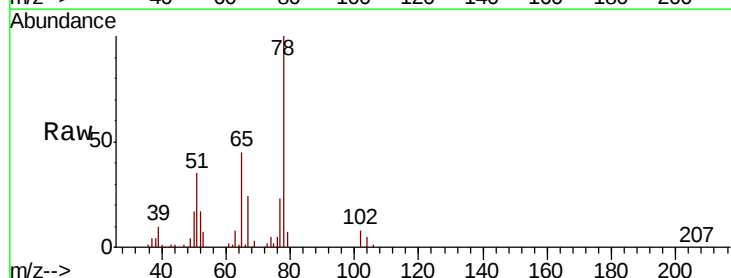


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

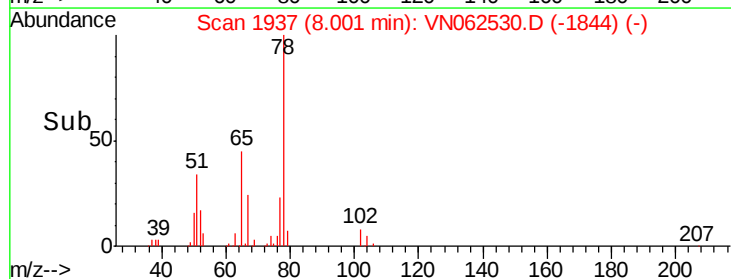
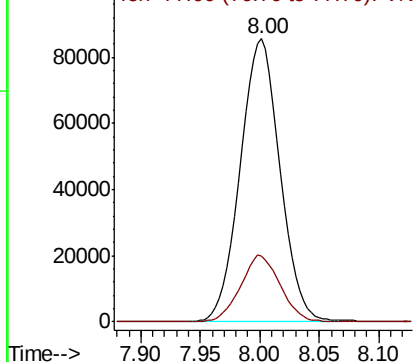


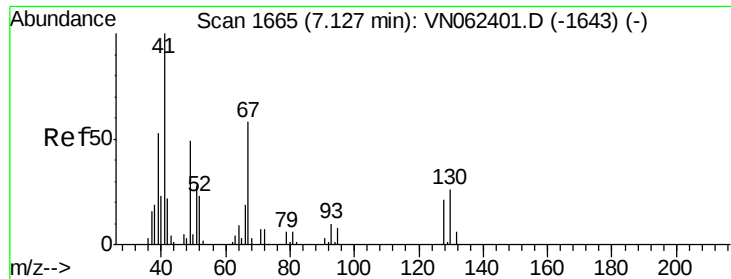
#40
Benzene
Concen: 20.105 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

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



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

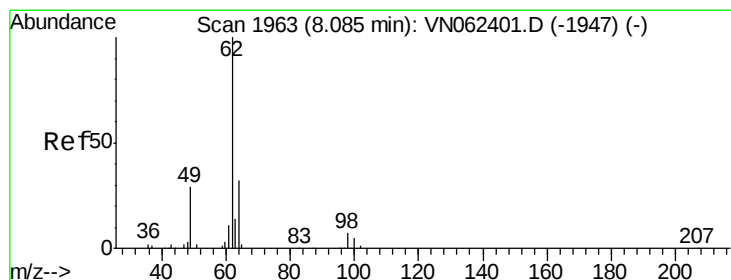
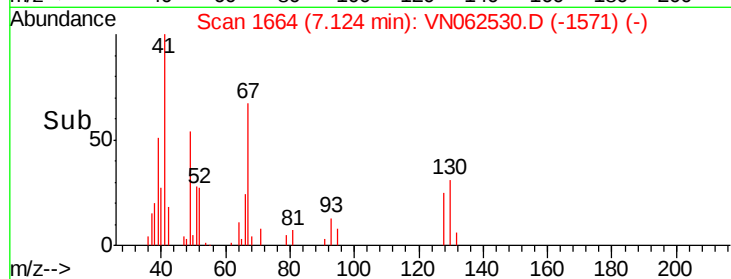
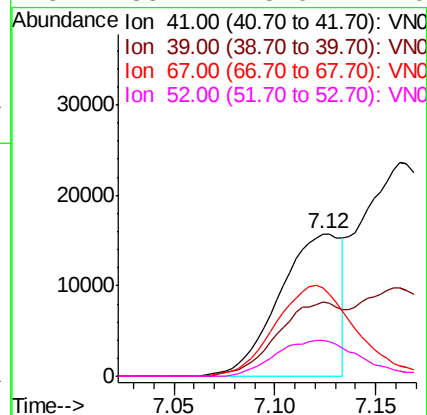
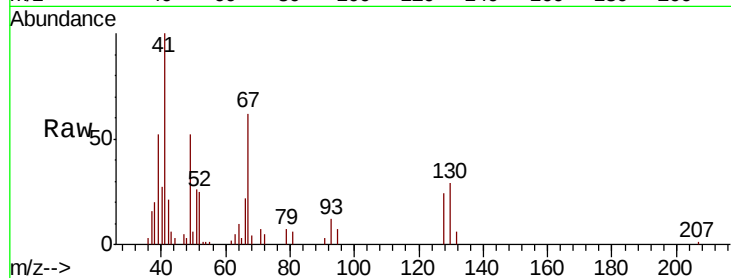




#41
Methacrylonitrile
Concen: 20.562 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

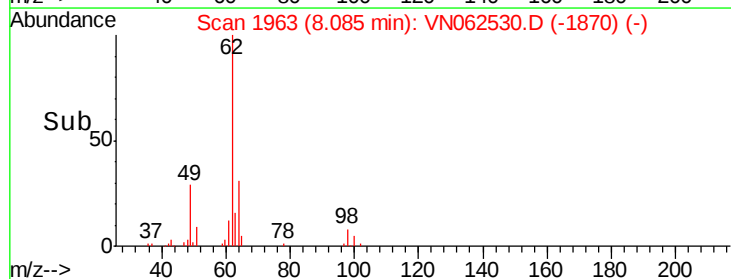
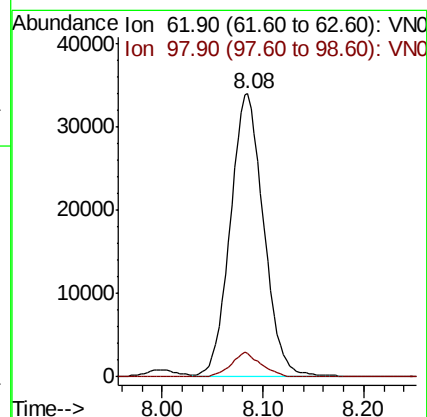
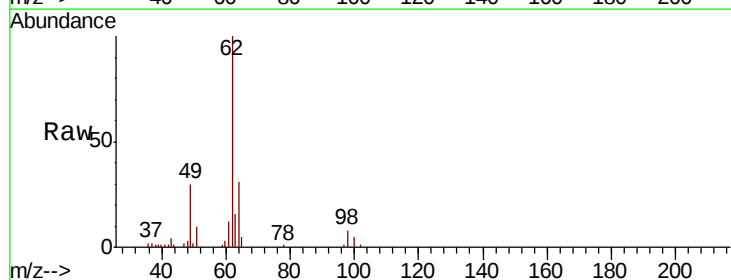
Instrument :
MSVOA_N
ClientSampled :

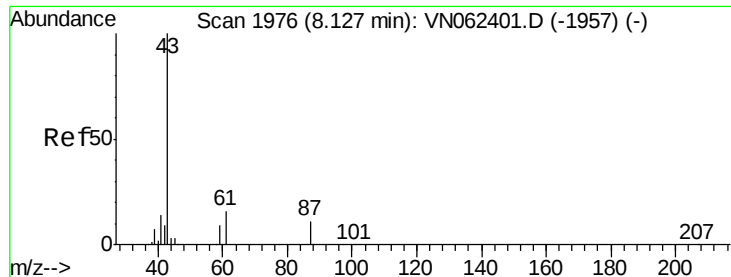
Tot Ion: 41 Resp: 33554
Ion Ratio Lower Upper
41 100
39 56.7 50.2 75.2
67 83.5 64.2 96.2
52 35.1 28.0 42.0



#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 :

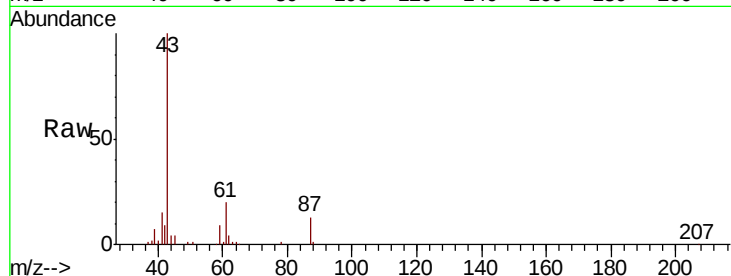
Tot Ion: 43 Resp: 120659

Ion Ratio Lower Upper

43 100

61 20.2 19.3 28.9

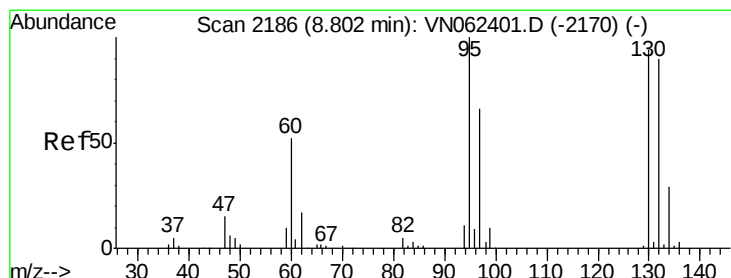
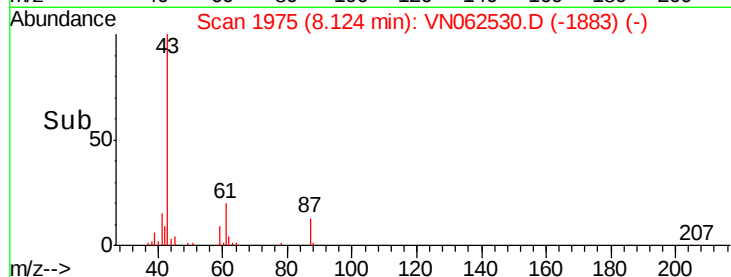
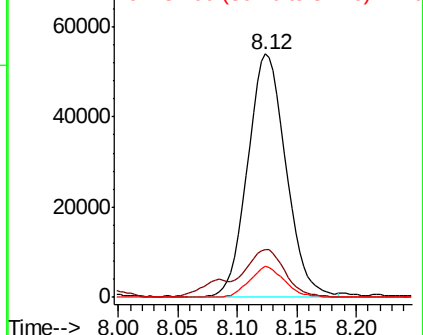
87 11.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062530.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062530.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062530.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

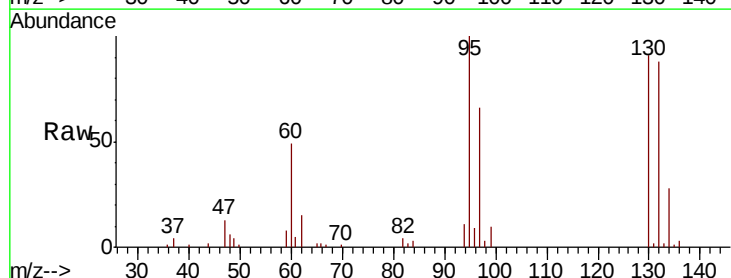
Acq: 15 Jul 2020 12:55

Tgt Ion:130 Resp: 44311

Ion Ratio Lower Upper

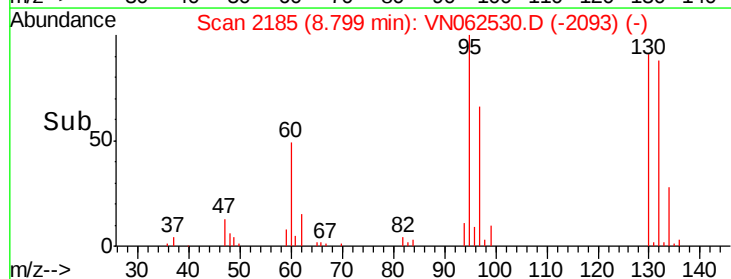
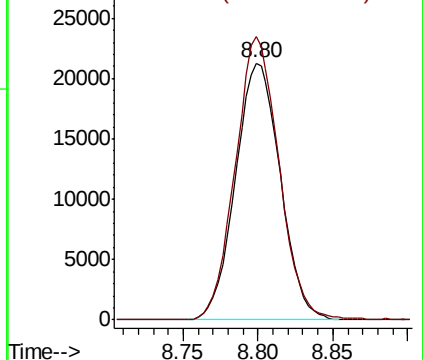
130 100

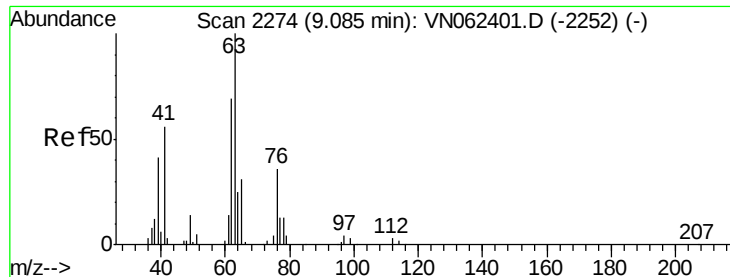
95 110.4 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062530.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062530.D (-2093) (-)





#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

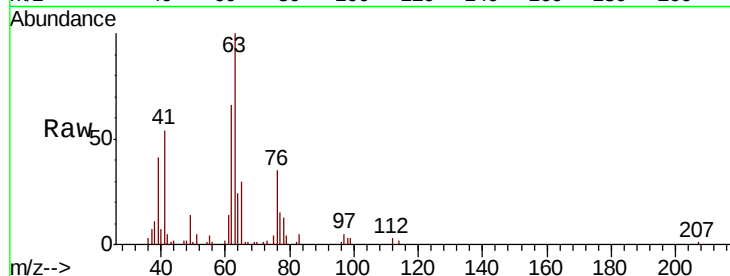
ClientSampleId :

Tot Ion: 63 Resp: 60468

Ion Ratio Lower Upper

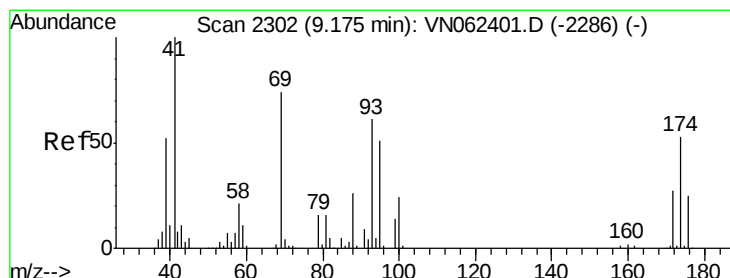
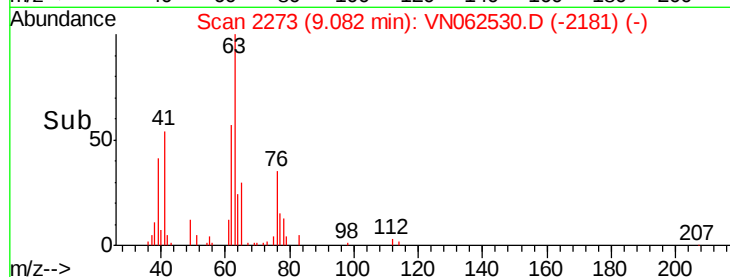
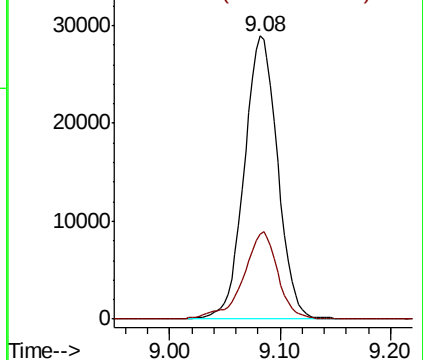
63 100

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

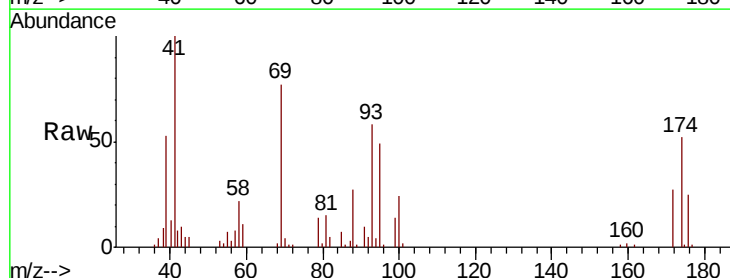
Tgt Ion: 93 Resp: 34144

Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

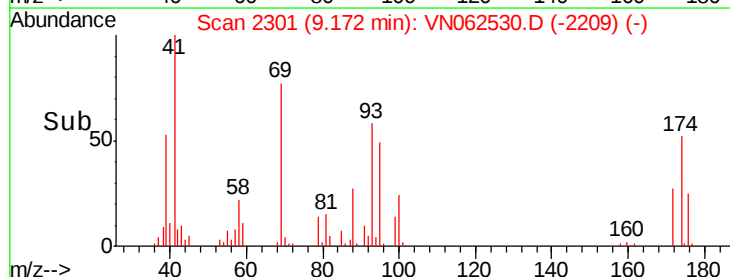
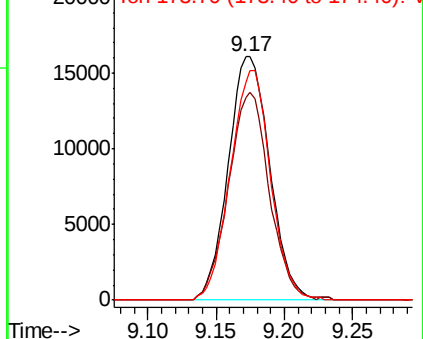
174 91.0 70.4 105.6

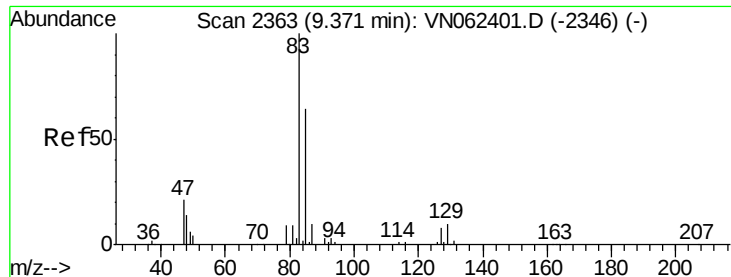


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

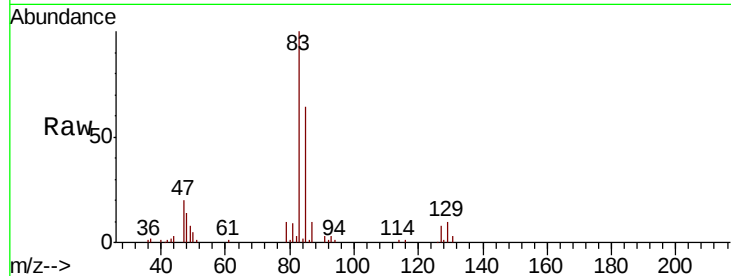




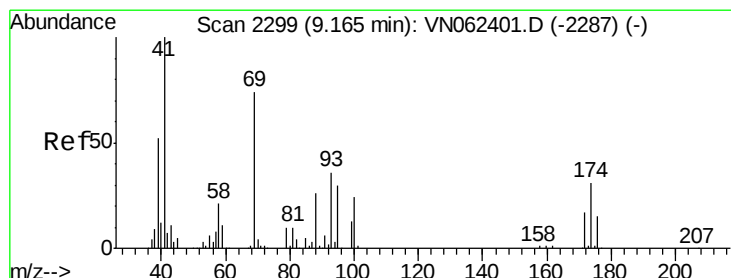
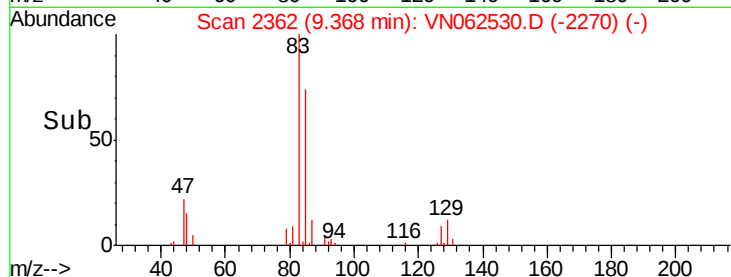
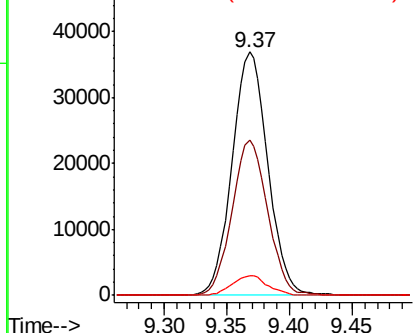
#47
Bromodichloromethane
Concen: 21.183 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :

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

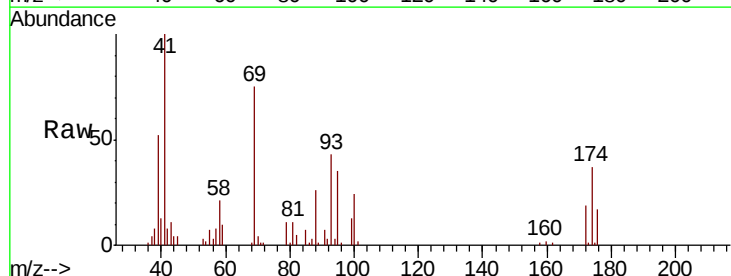


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

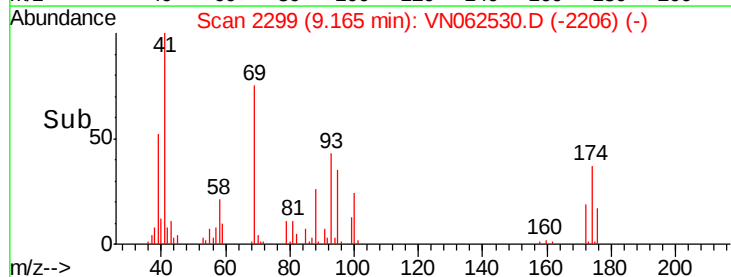
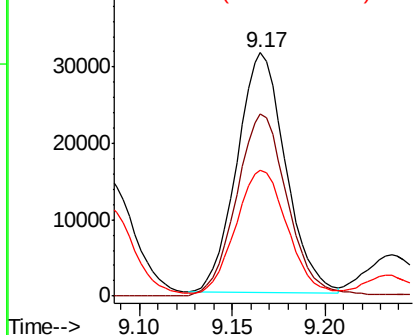


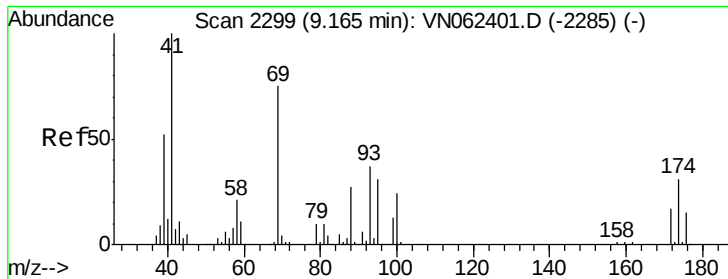
#48
Methyl methacrylate
Concen: 18.928 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

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

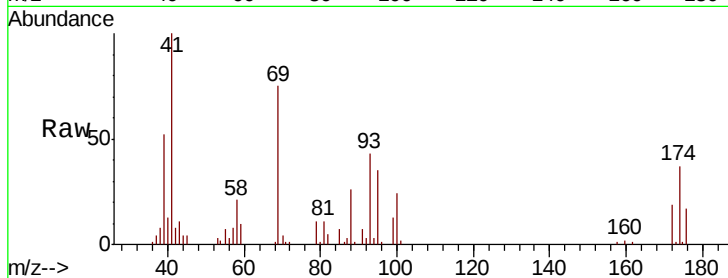




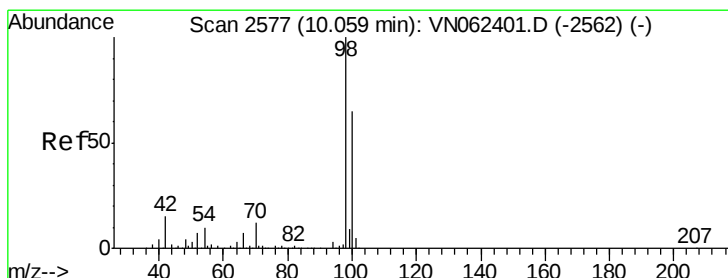
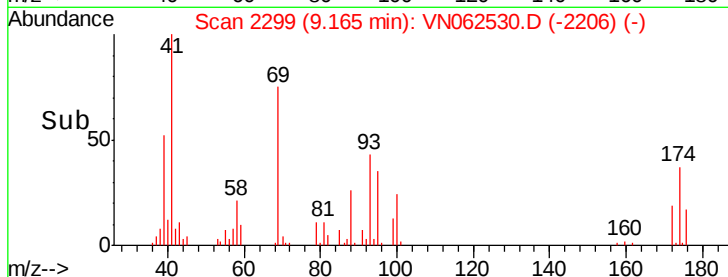
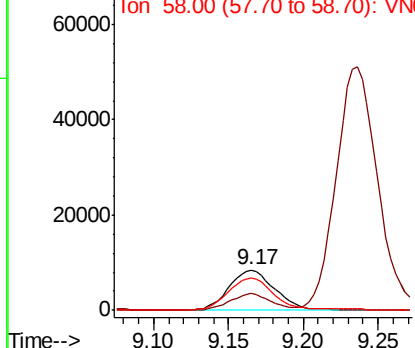
#49
 1,4-Dioxane
 Concen: 408.224 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Instrument :
 MSVOA_N
 ClientSampleId :

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

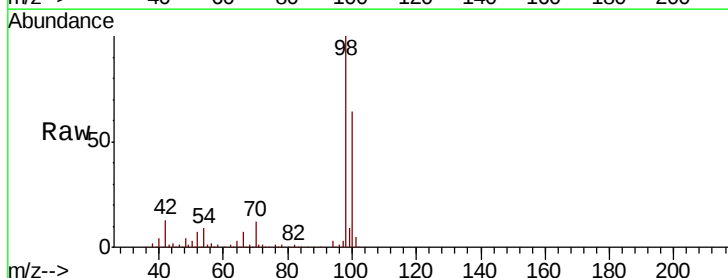


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

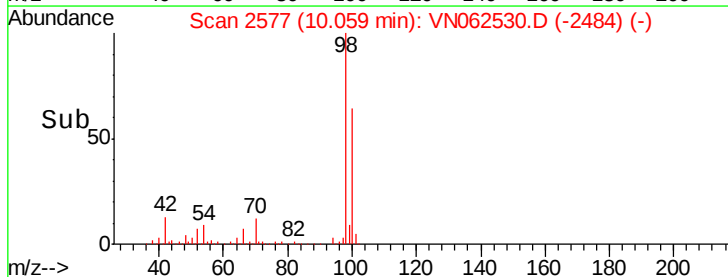
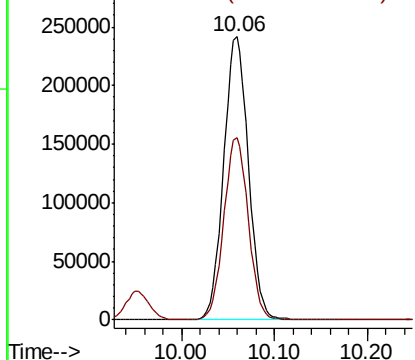


#50
 Toluene-d8
 Concen: 55.172 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

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

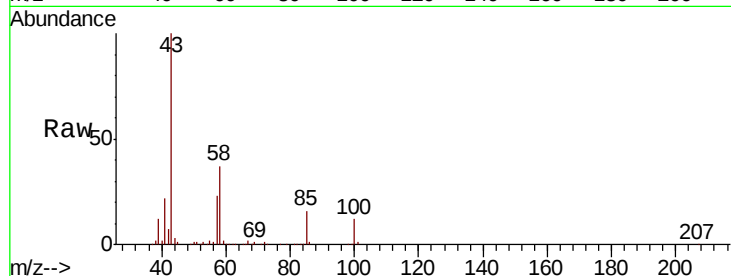
ClientSampled :

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

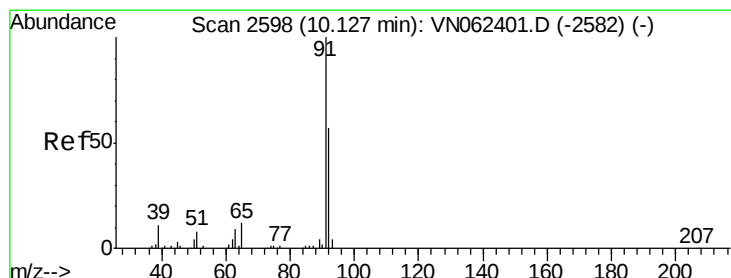
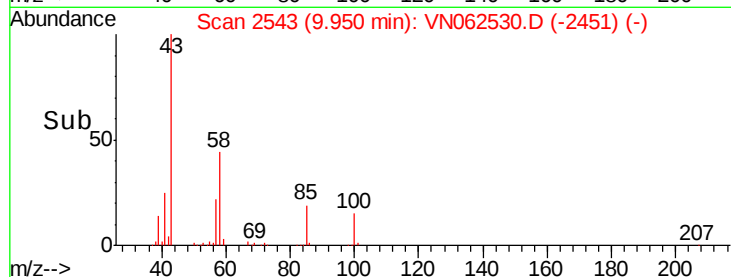
150000

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

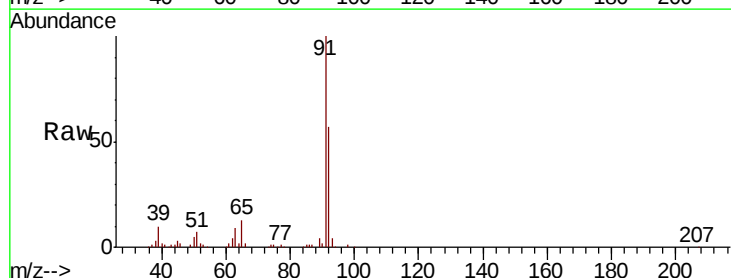
Acq: 15 Jul 2020 12:55

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) (-)

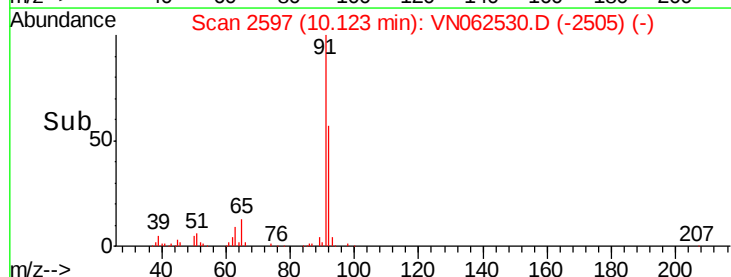
10.12

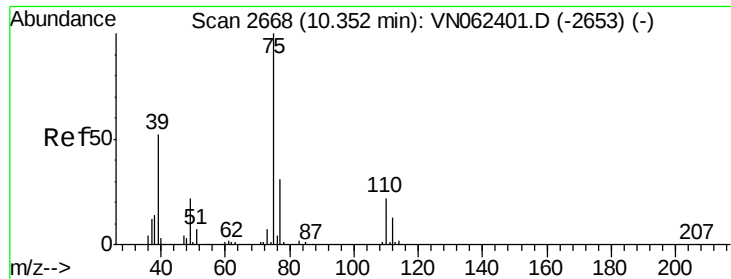
100000

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

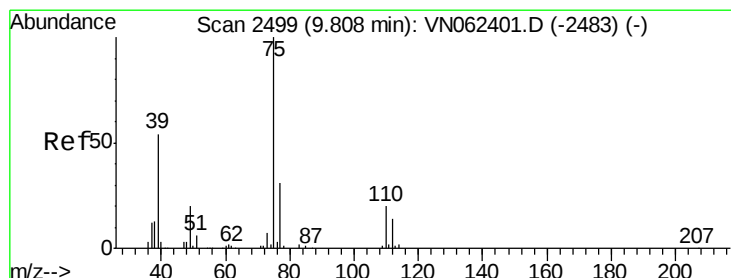
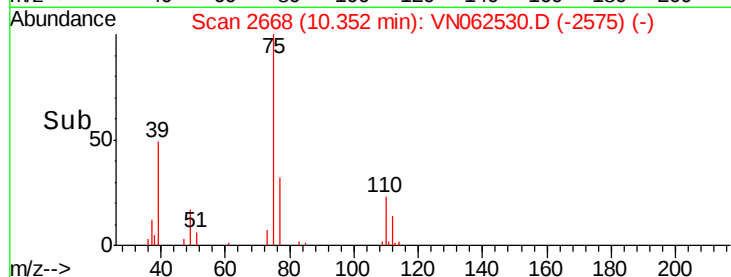
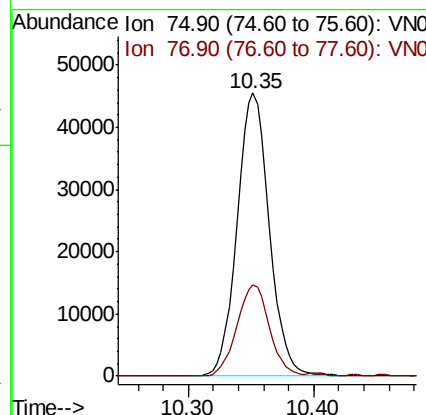
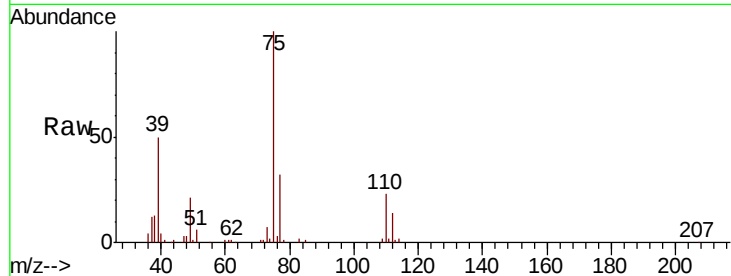
ClientSampled :

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

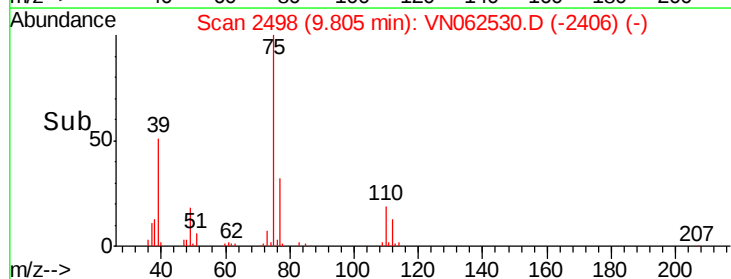
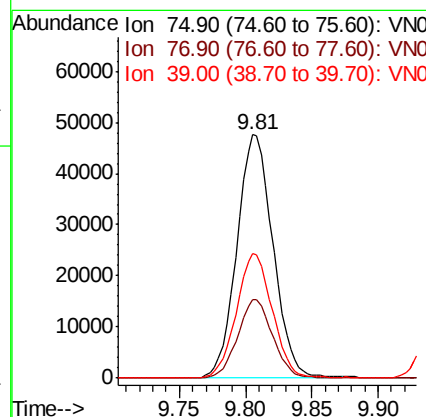
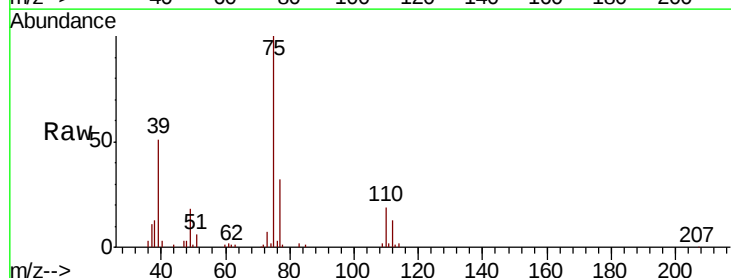
Tgt Ion: 75 Resp: 90181

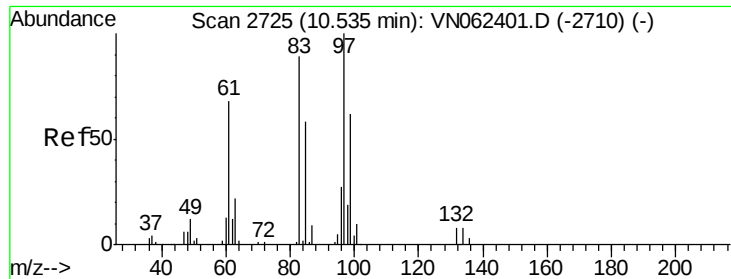
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 51.2 43.4 65.0

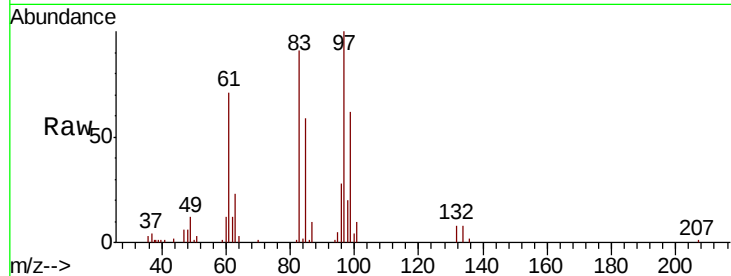




#55
 1,1,2-Trichloroethane
 Concen: 21.963 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

Instrument :
 MSVOA_N
 ClientSampled :

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



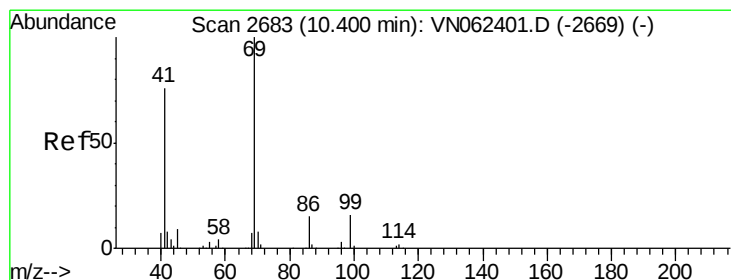
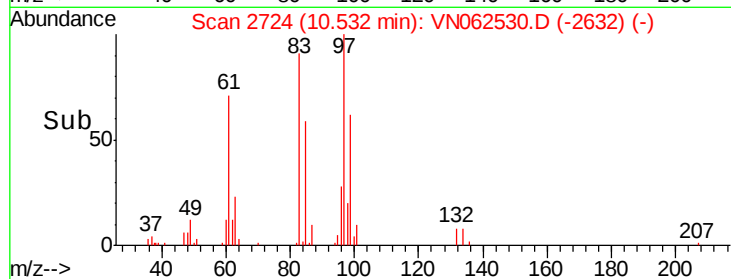
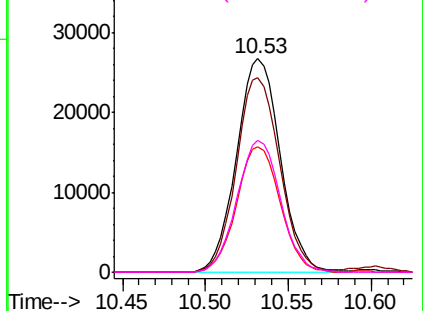
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

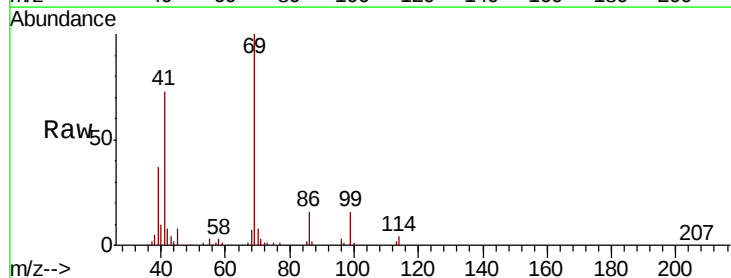
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#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

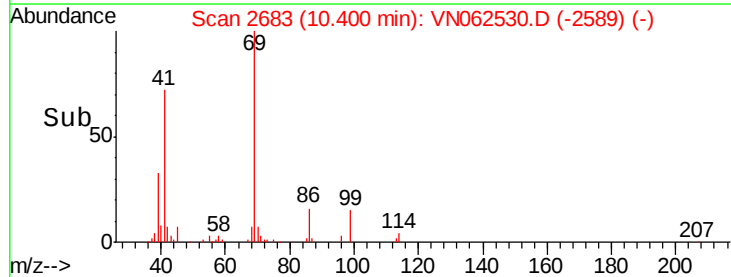
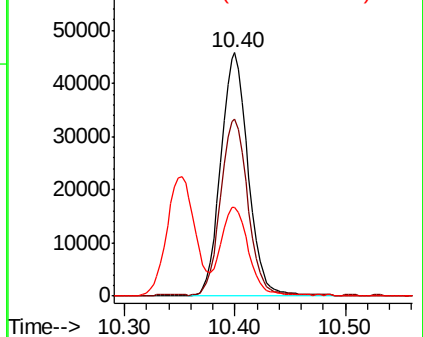


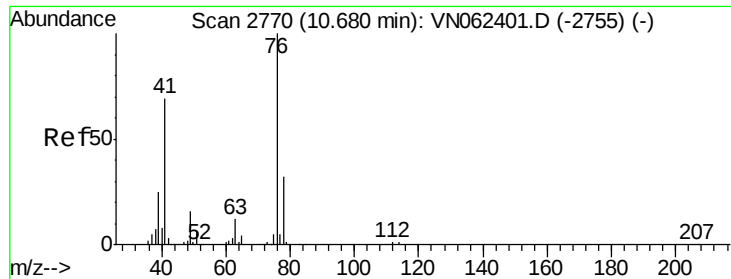
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#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

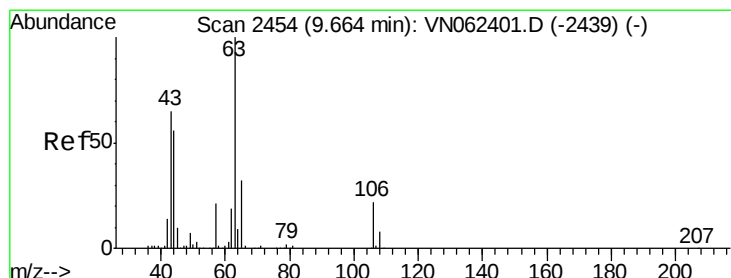
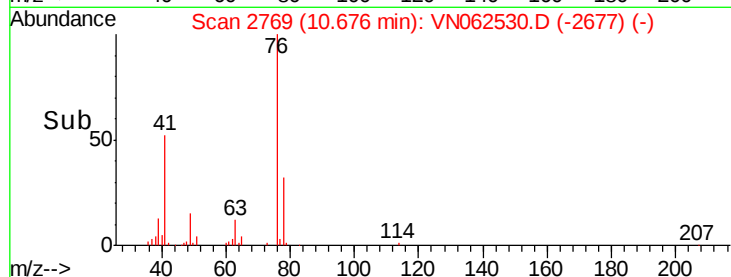
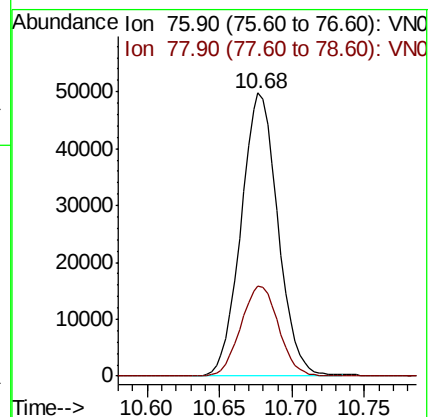
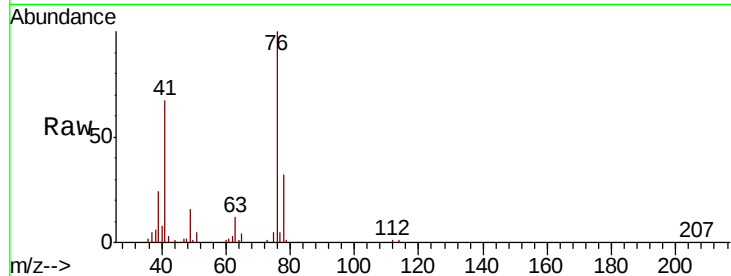
ClientSampled :

Tot Ion: 76 Resp: 87957

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#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

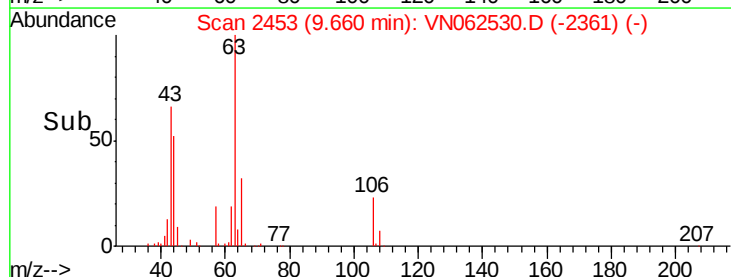
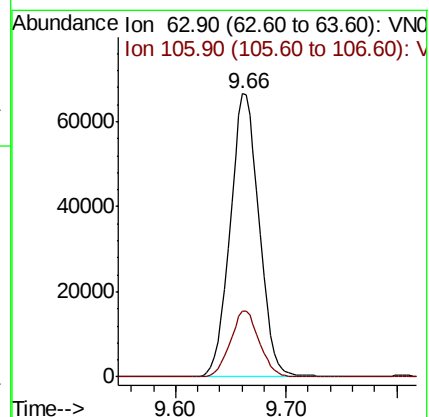
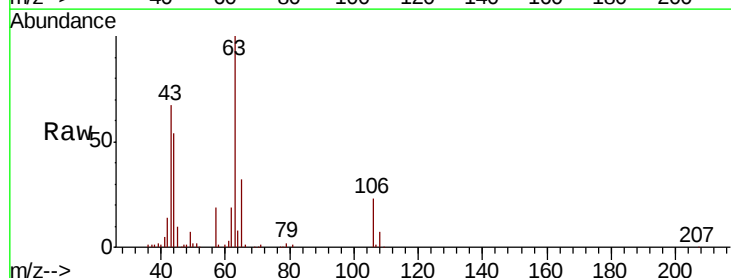
Acq: 15 Jul 2020 12:55

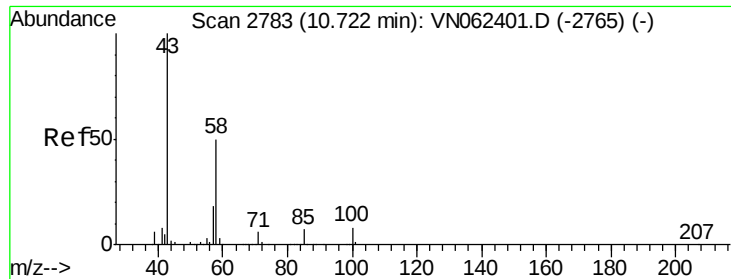
Tgt Ion: 63 Resp: 120814

Ion Ratio Lower Upper

63 100

106 23.3 17.6 26.4

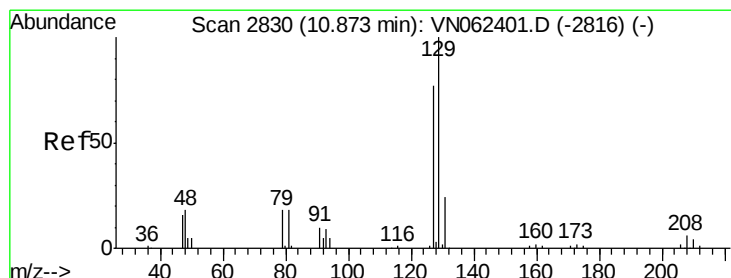
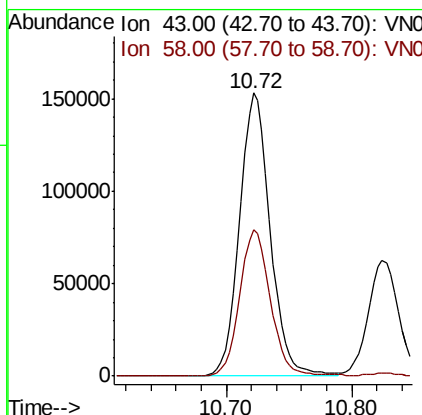
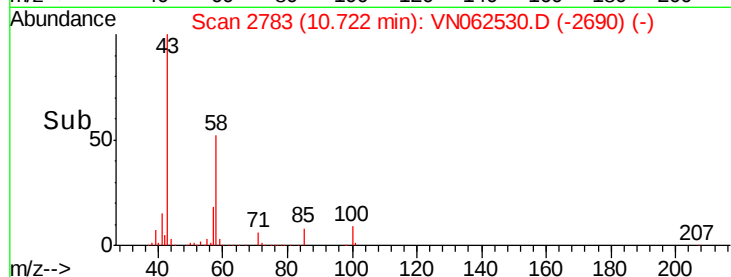
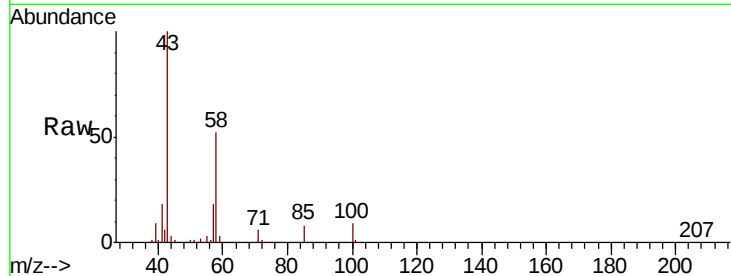




#59
2-Hexanone
Concen: 97.201 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

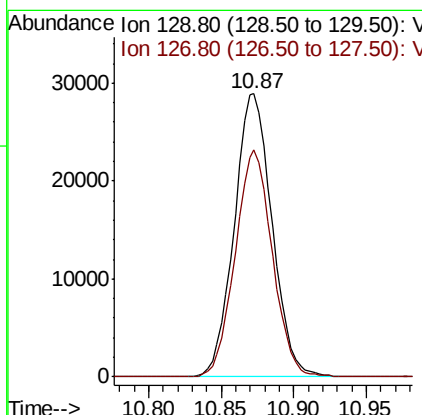
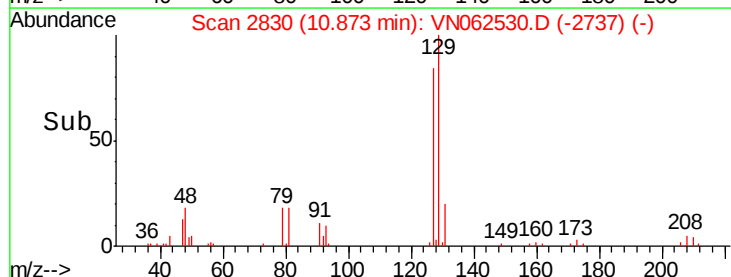
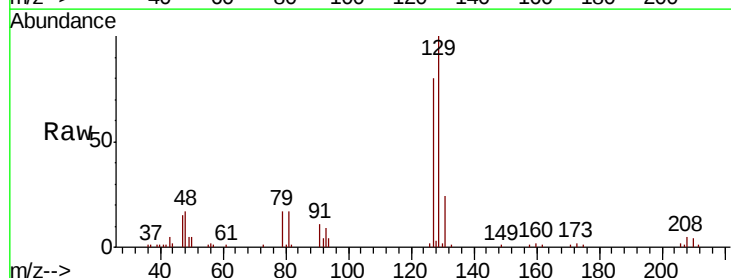
Instrument :
MSVOA_N
ClientSampleId :

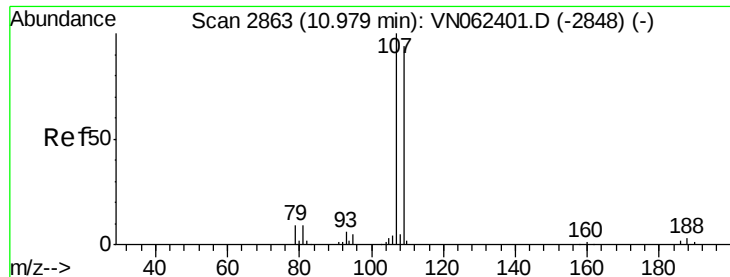
Tot Ion: 43 Resp: 260045
Ion Ratio Lower Upper
43 100
58 51.9 25.1 75.2



#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

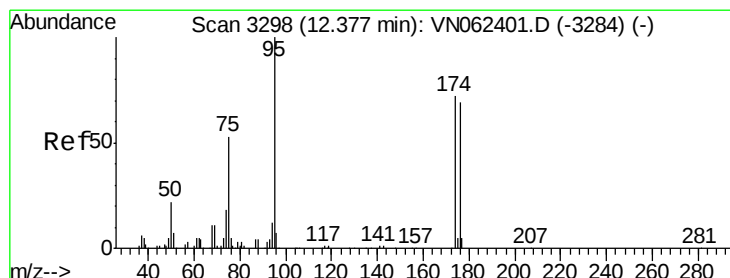
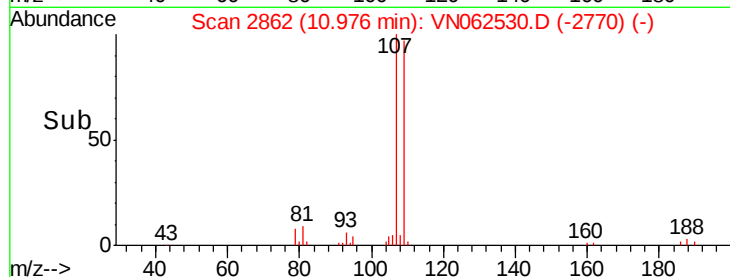
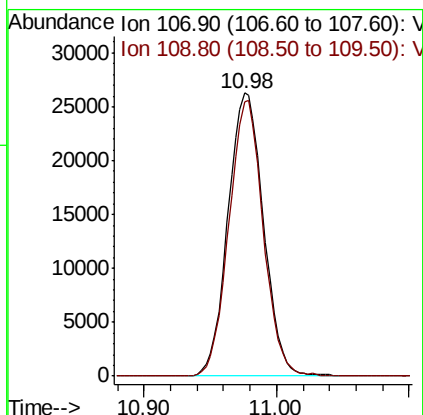
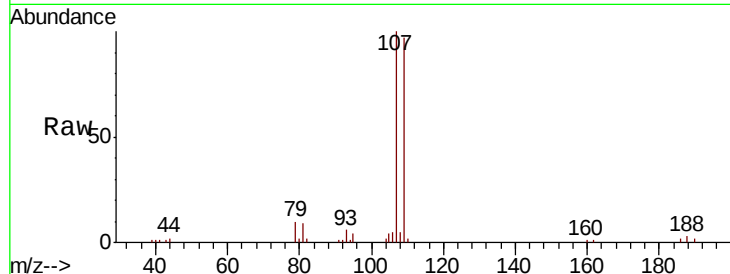




#61
 1,2-Dibromoethane
 Concen: 21.632 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

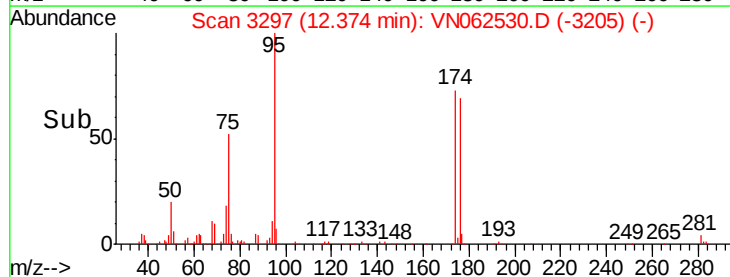
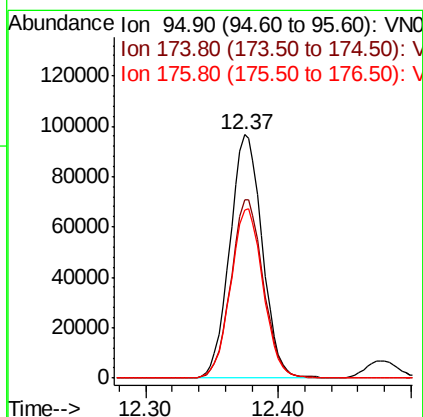
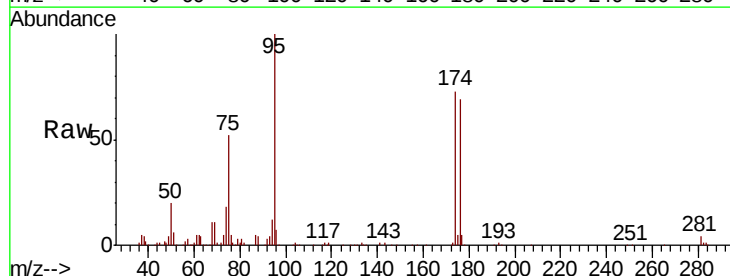
Instrument :
 MSVOA_N
 ClientSampleId :

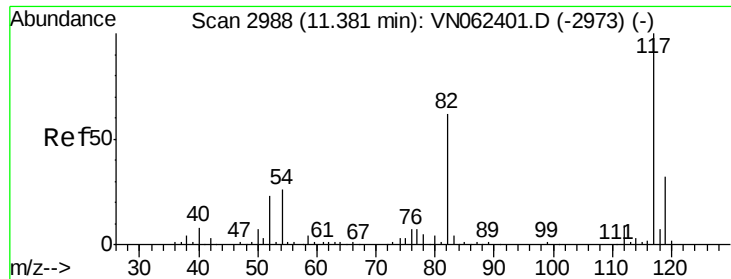
Tot Ion: 107 Resp: 48835
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.6 113.4



#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

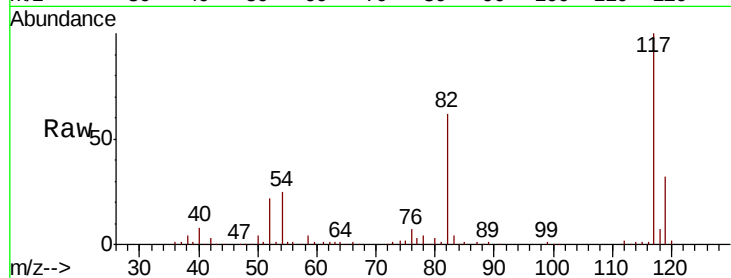




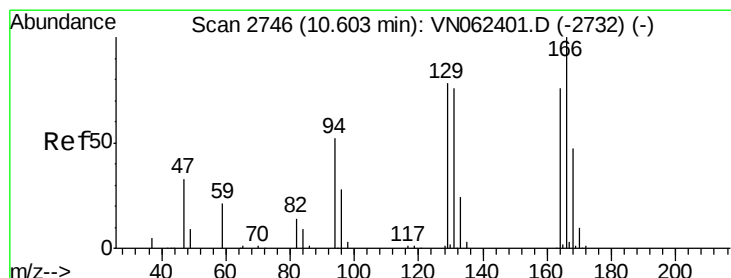
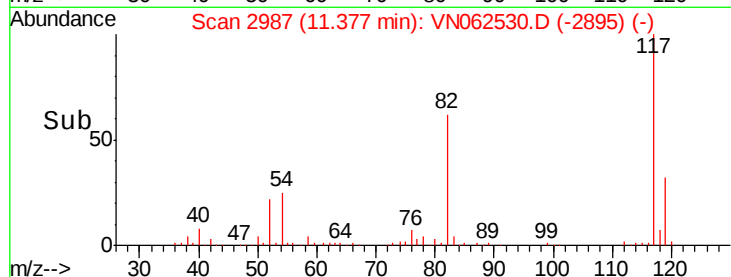
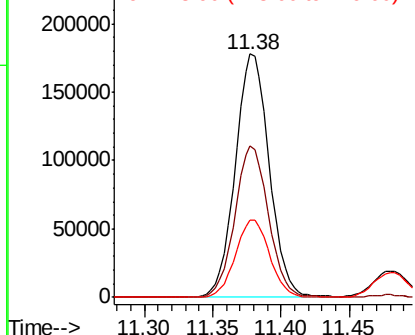
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :

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



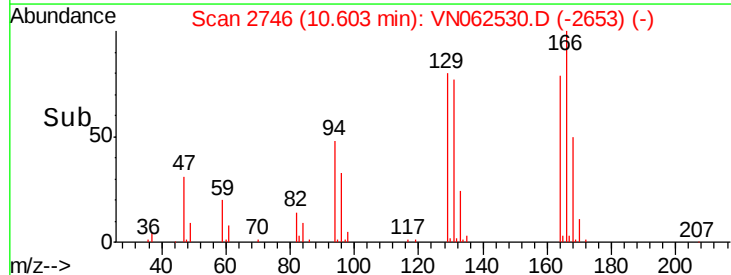
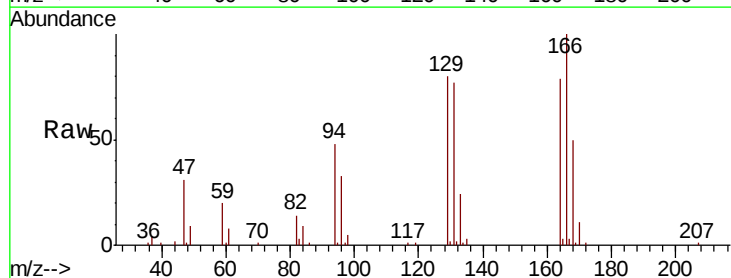
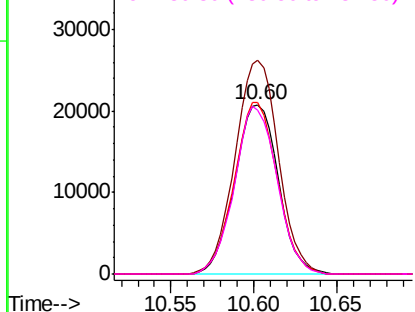
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

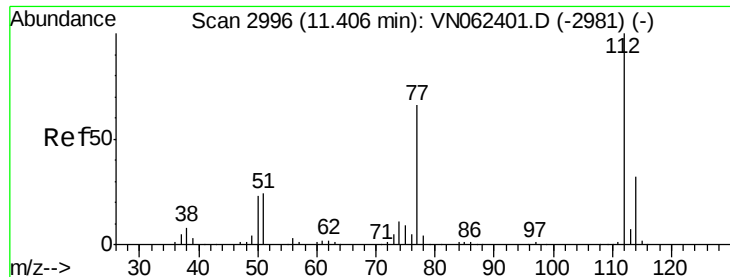


#64
Tetrachloroethene
Concen: 20.815 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

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

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

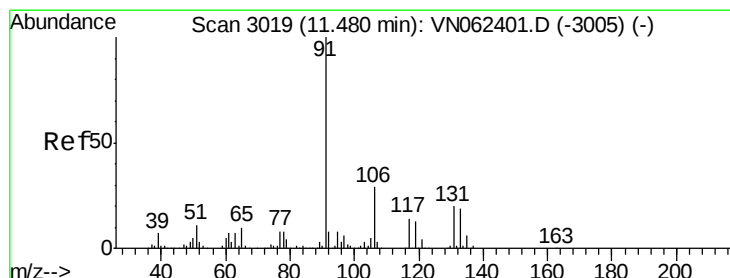
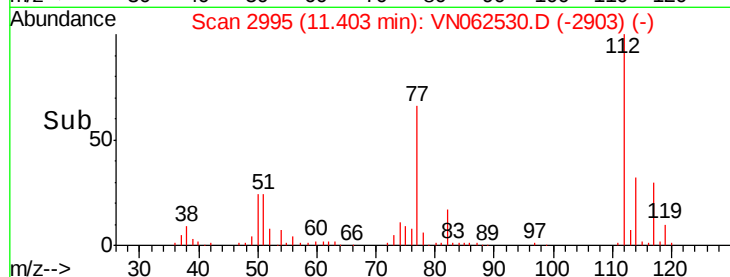
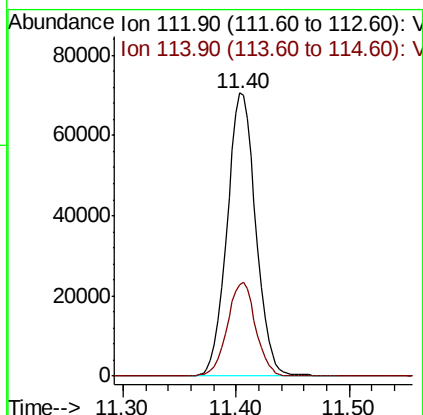
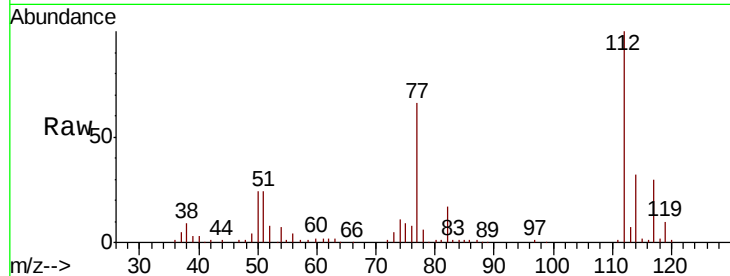




#65
Chlorobenzene
Concen: 20.799 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

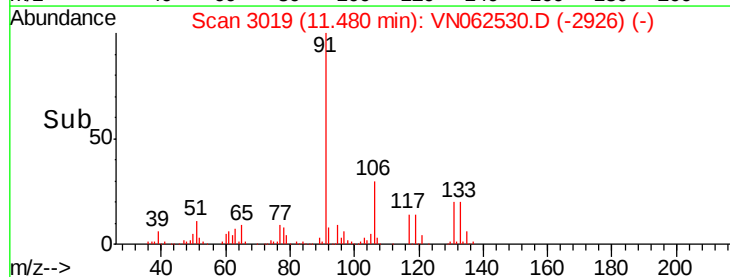
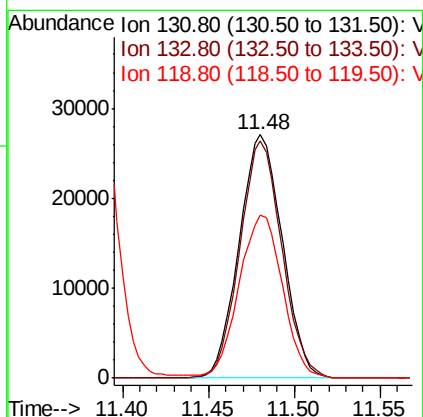
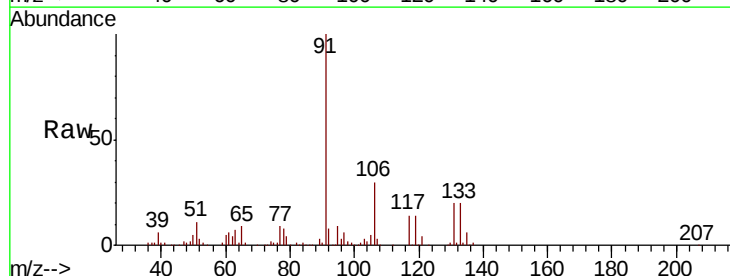
Instrument :
MSVOA_N
ClientSampled :

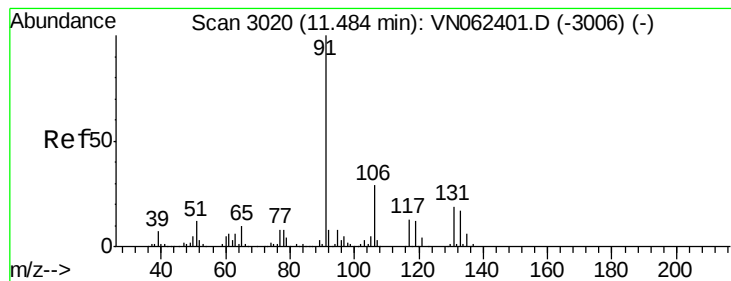
Tot Ion:112 Resp: 124438
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#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

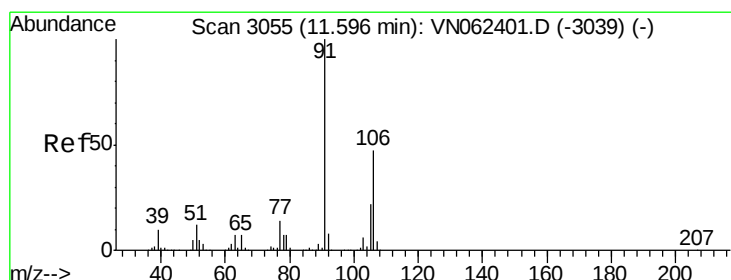
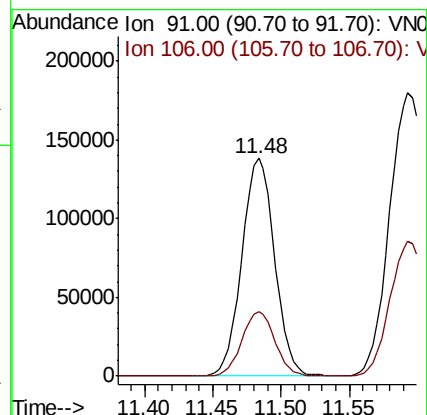
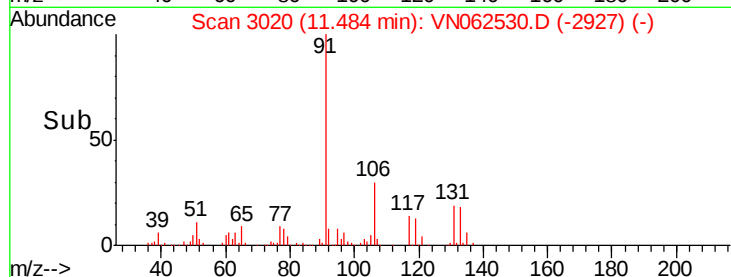
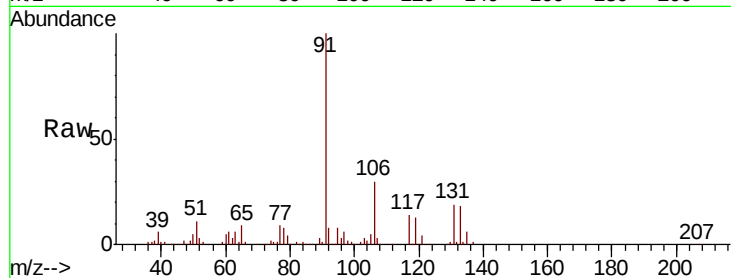
ClientSampled :

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

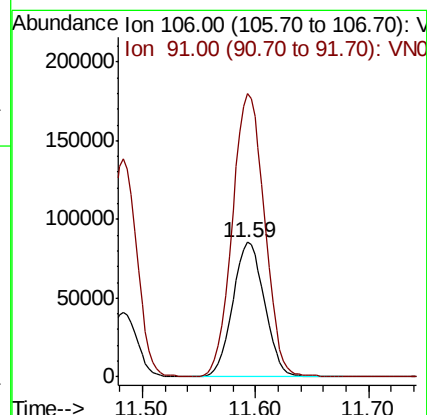
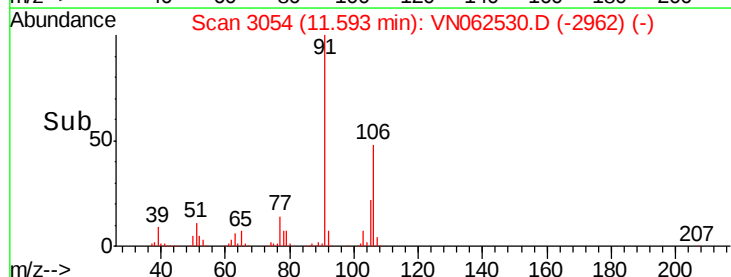
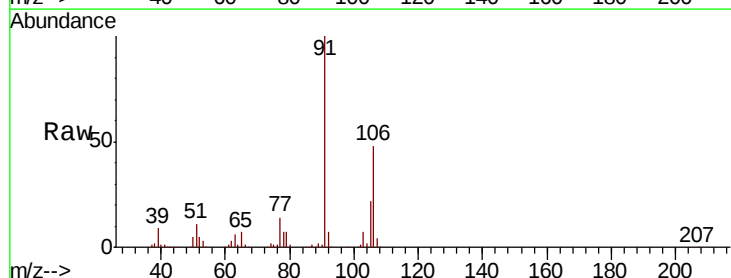
Acq: 15 Jul 2020 12:55

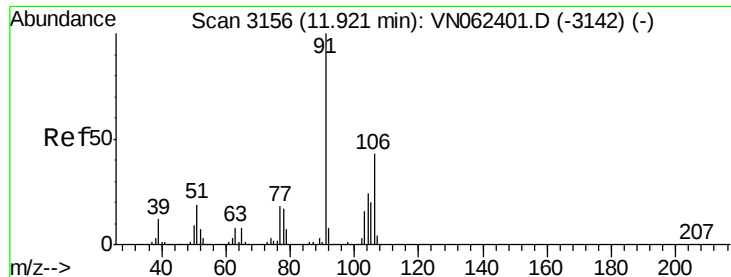
Tgt Ion: 106 Resp: 167380

Ion Ratio Lower Upper

106 100

91 213.4 172.4 258.6

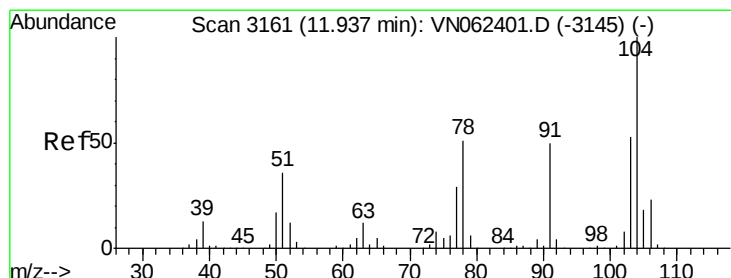
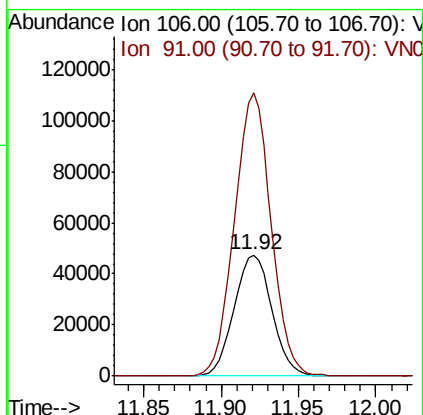
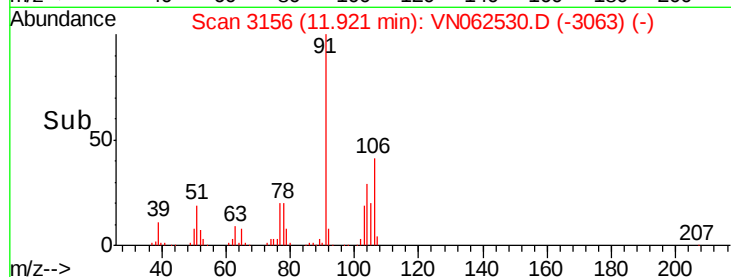
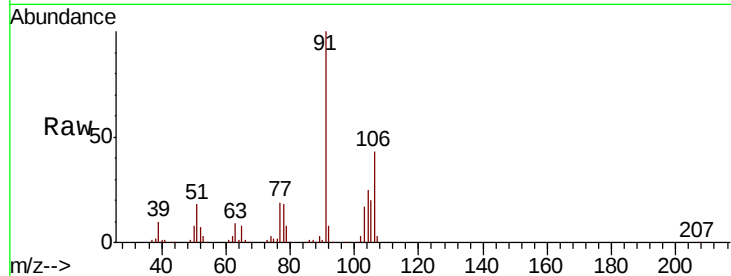




#69
o-Xylene
Concen: 20.861 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

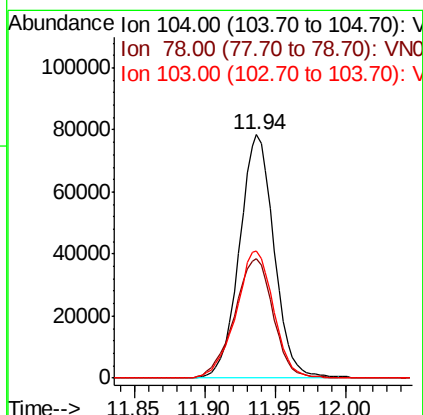
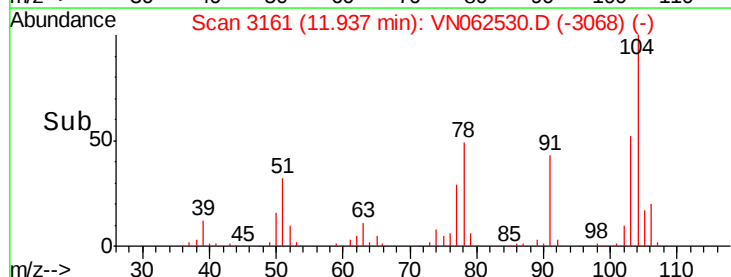
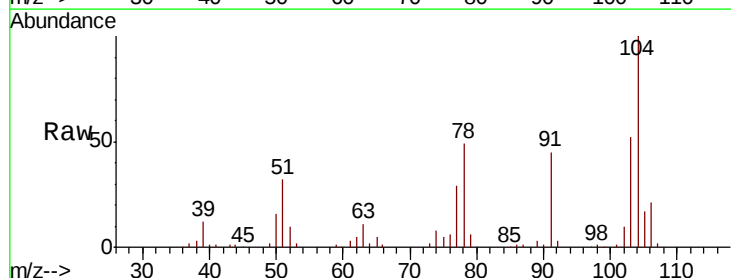
Instrument :
MSVOA_N
ClientSampleId :

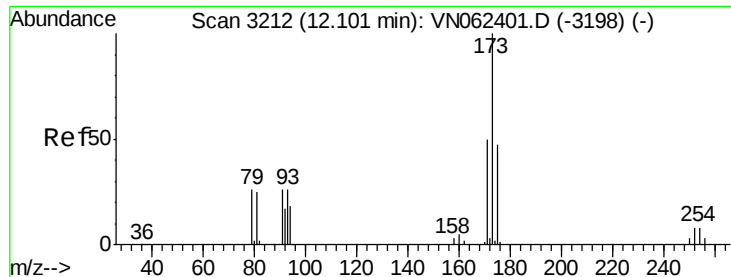
Tot Ion:106 Resp: 80749
Ion Ratio Lower Upper
106 100
91 225.8 113.8 341.4



#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 :

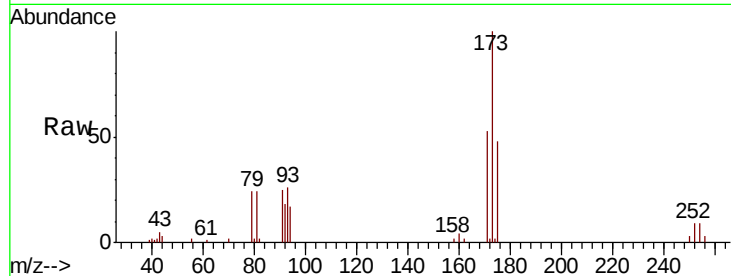
Tot Ion:173 Resp: 36161

Ion Ratio Lower Upper

173 100

175 47.5 23.7 71.1

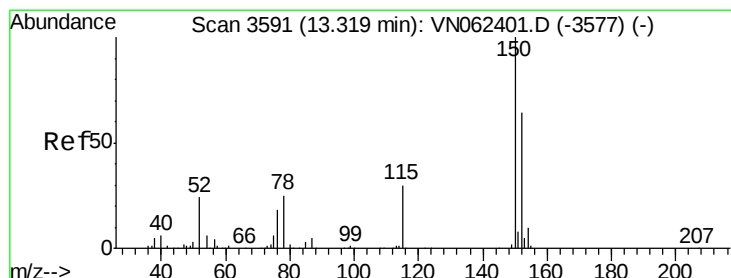
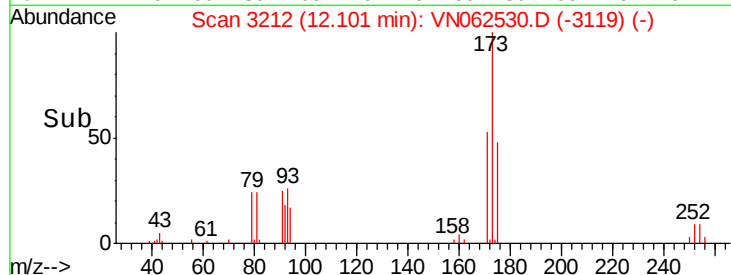
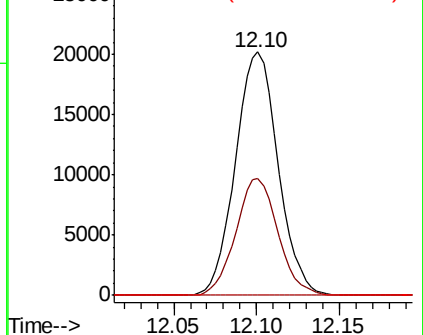
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#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

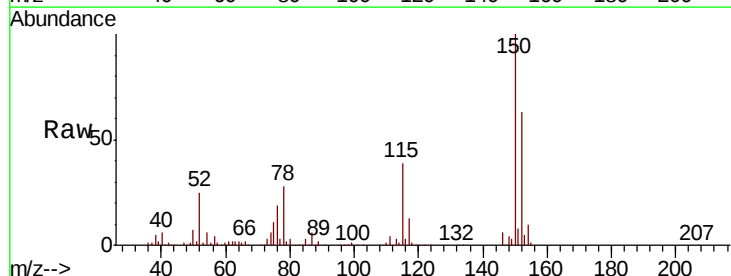
Tgt Ion:152 Resp: 138069

Ion Ratio Lower Upper

152 100

115 63.0 31.4 94.2

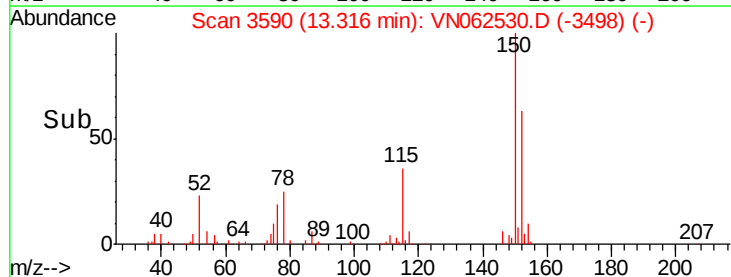
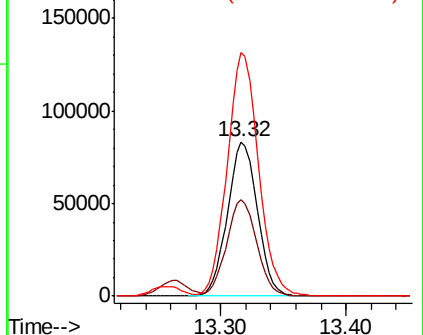
150 163.9 0.0 347.4

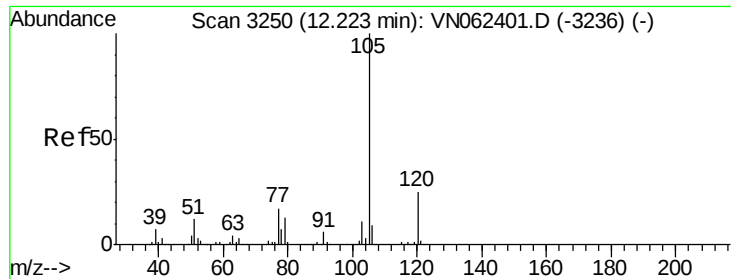


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#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

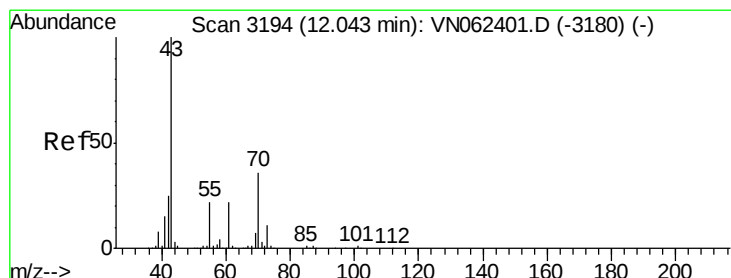
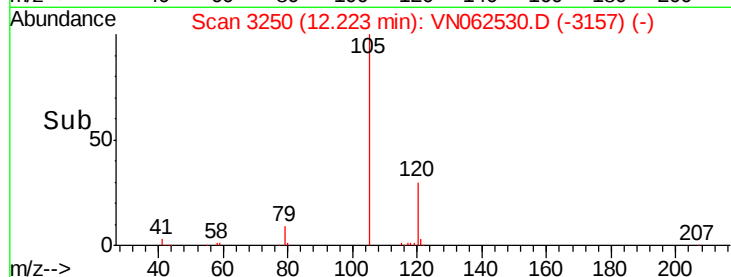
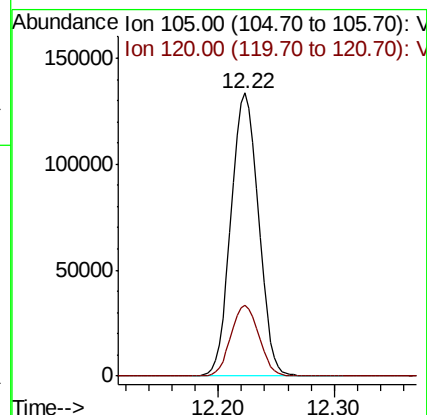
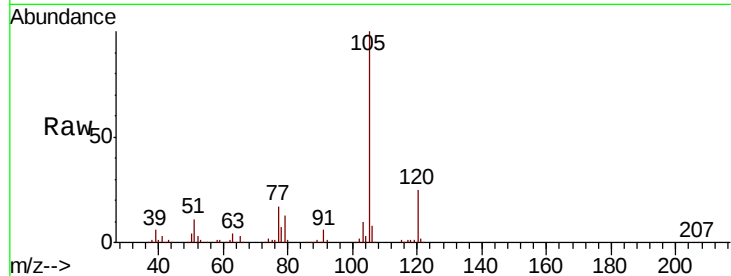
ClientSampled :

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

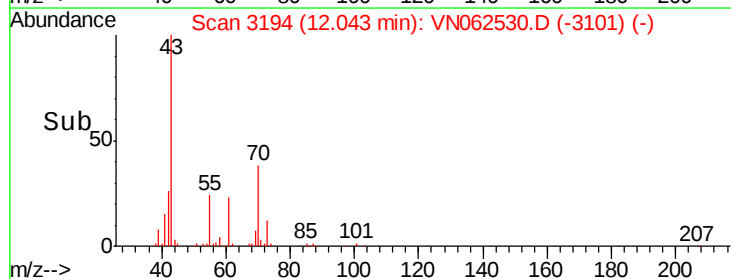
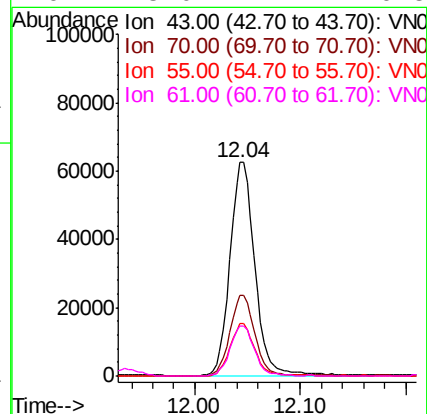
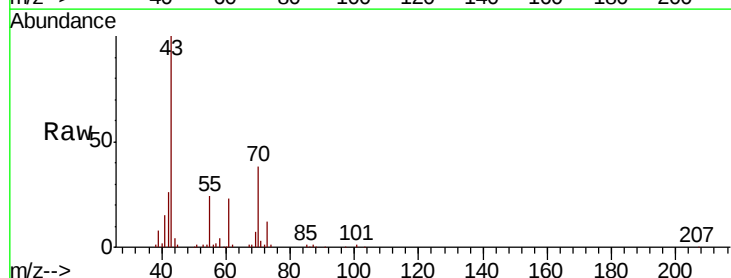
Ion Ratio Lower Upper

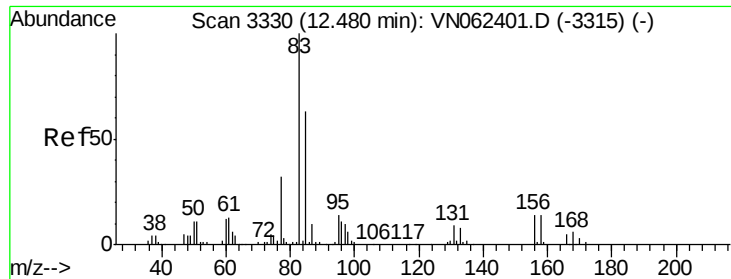
43 100

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 :

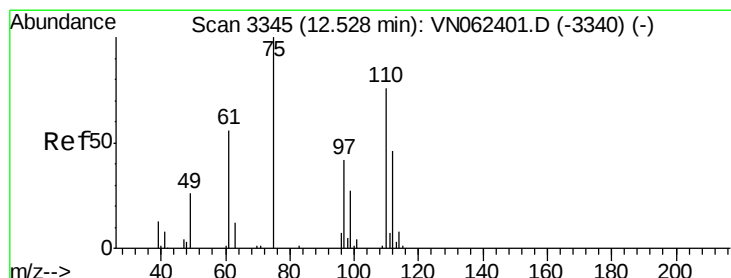
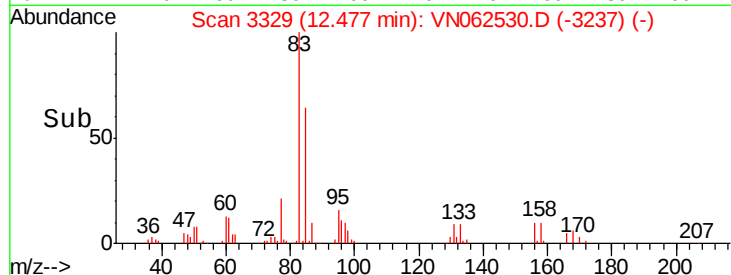
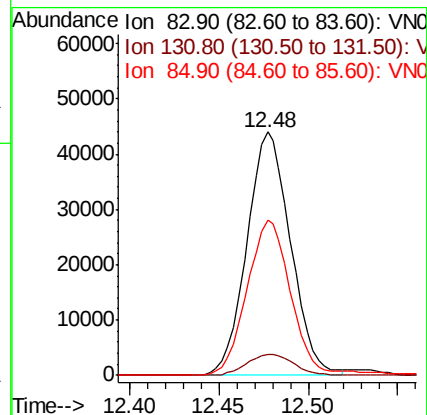
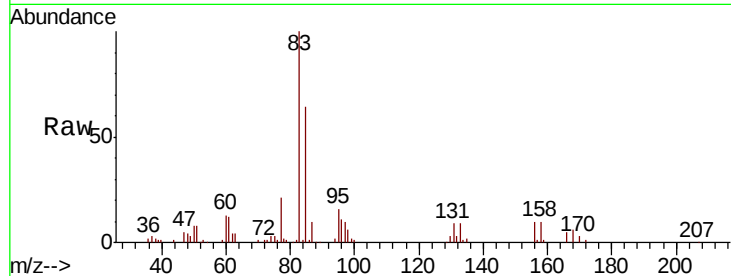
Tot Ion: 83 Resp: 75263

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

85 63.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 28.688 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062530.D

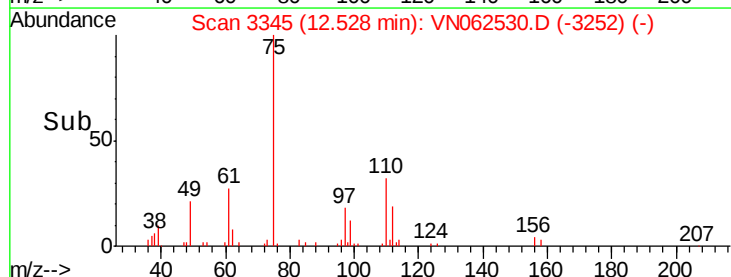
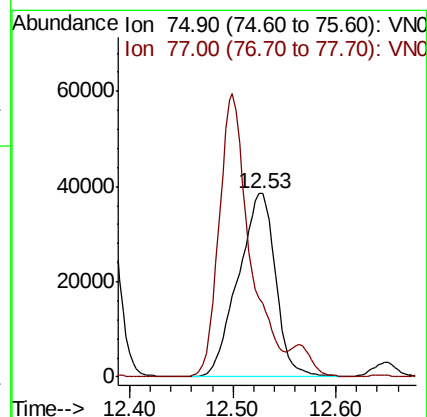
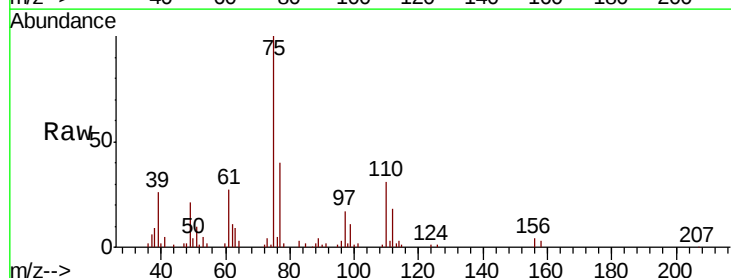
Acq: 15 Jul 2020 12:55

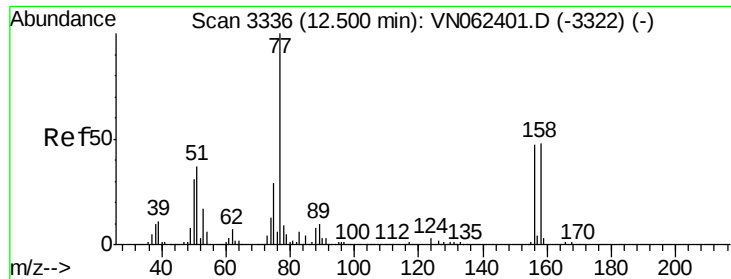
Tgt Ion: 75 Resp: 97188

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#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

ClientSampled :

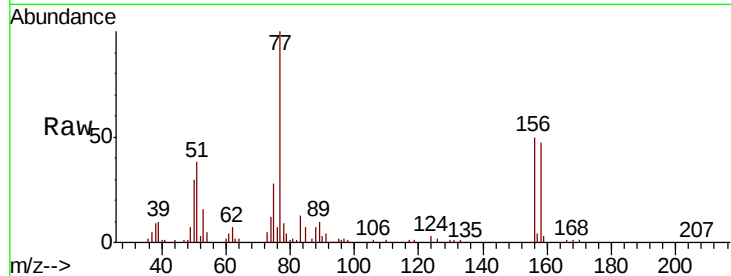
Tot Ion:156 Resp: 52277

Ion	Ratio	Lower	Upper
156	100		
77	236.3	126.4	379.3
158	94.7	49.8	149.4

156 100

77 236.3 126.4 379.3

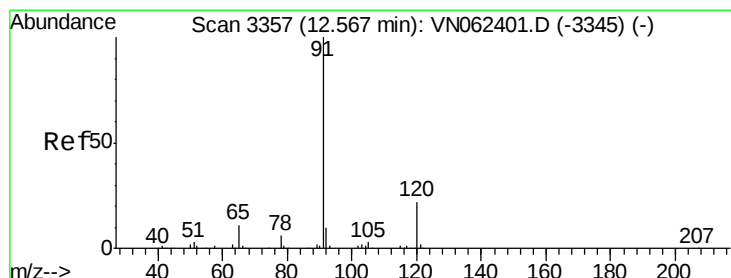
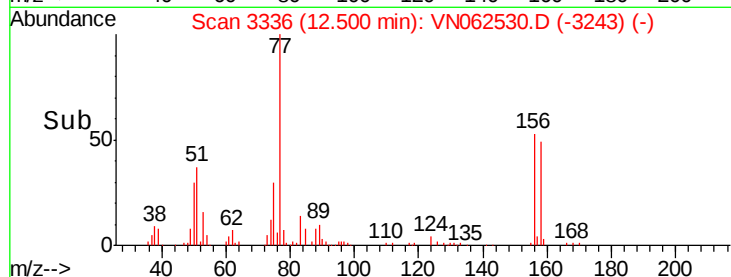
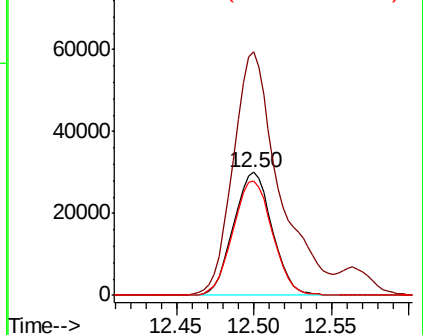
158 94.7 49.8 149.4



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

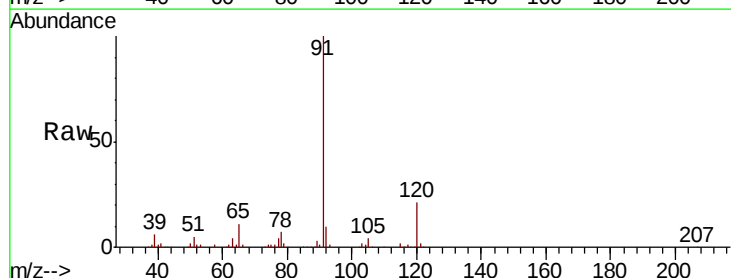
Acq: 15 Jul 2020 12:55

Tgt Ion: 91 Resp: 254848

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.7	32.1

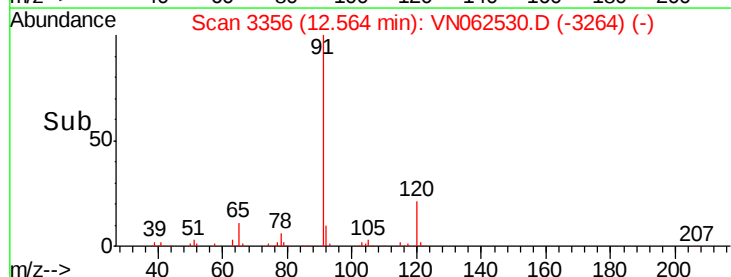
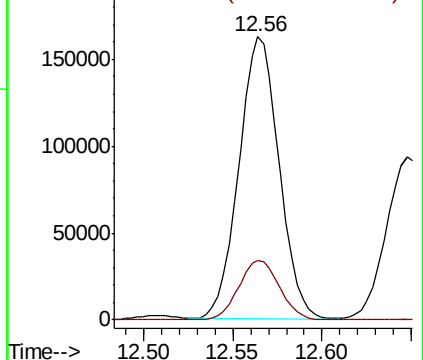
91 100

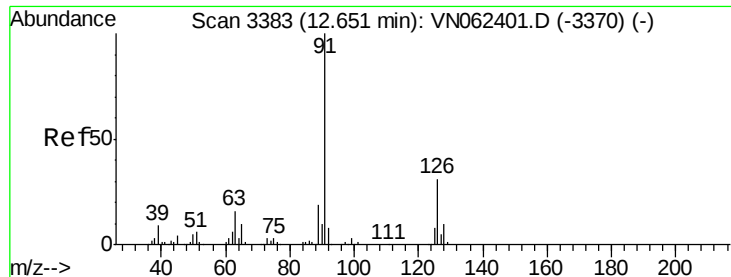
120 21.6 10.7 32.1



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

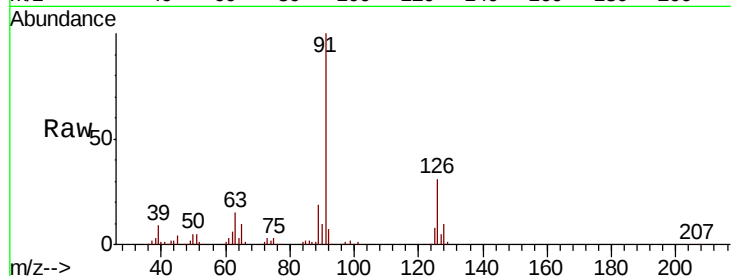
ClientSampleId :

Tot Ion: 91 Resp: 155072

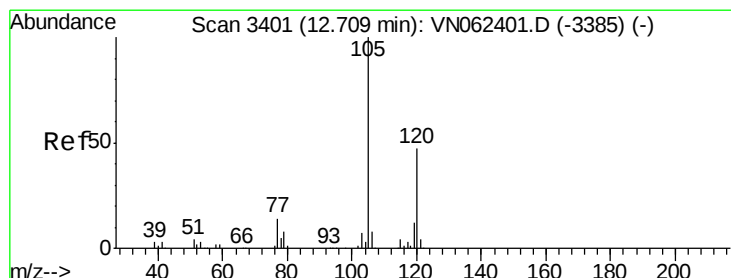
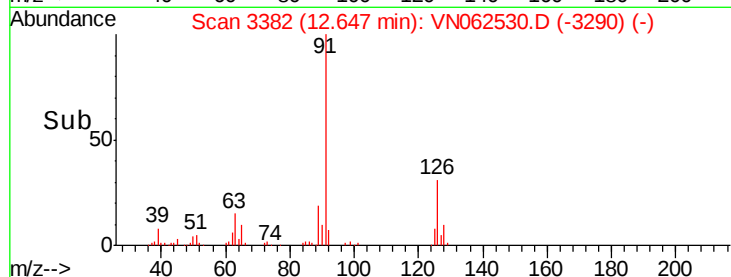
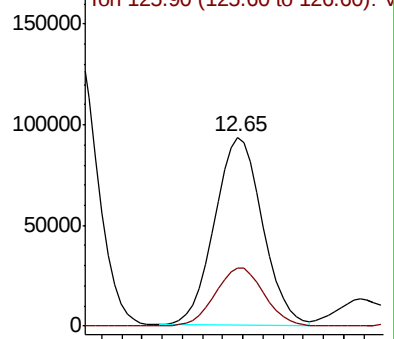
Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062530.D (-3382) (-)



#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

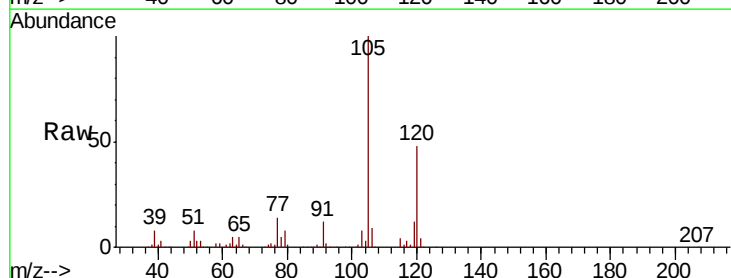
Acq: 15 Jul 2020 12:55

Tgt Ion:105 Resp: 183461

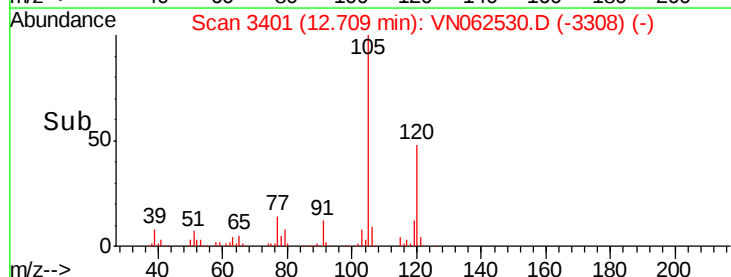
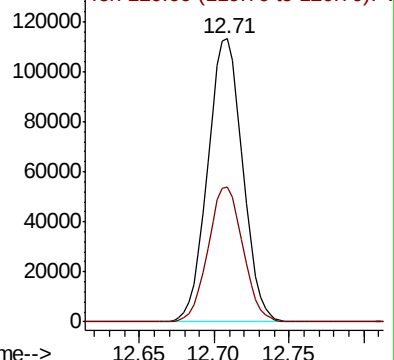
Ion Ratio Lower Upper

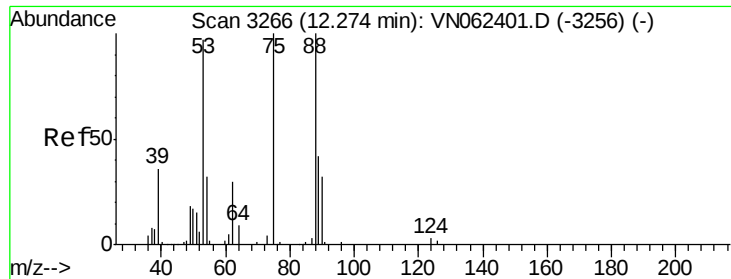
105 100

120 47.6 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062530.D (-3399) (-)





#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 :

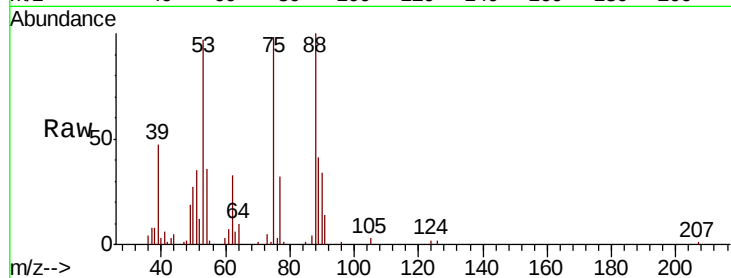
Tot Ion: 75 Resp: 23175

Ion Ratio Lower Upper

75 100

53 101.8 79.2 118.8

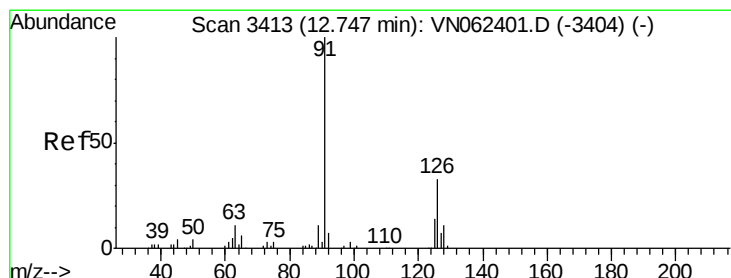
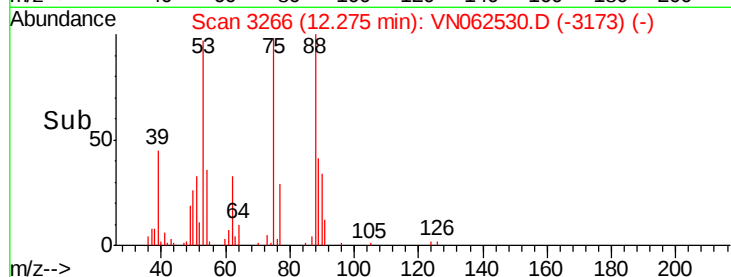
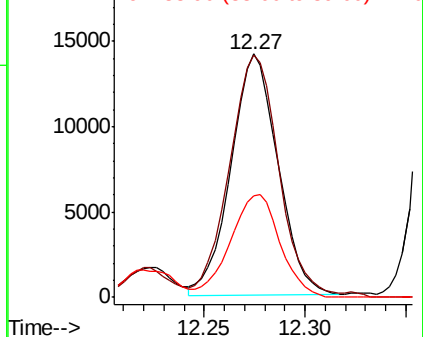
89 45.1 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062401.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062401.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 20.370 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062530.D

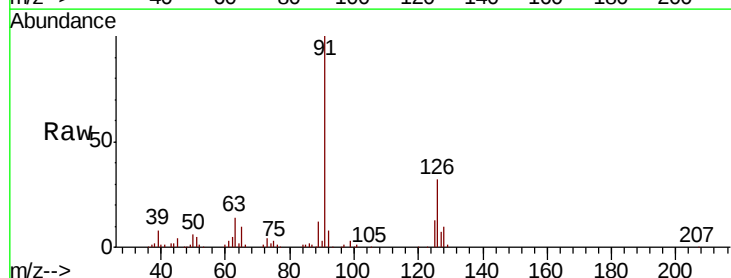
Acq: 15 Jul 2020 12:55

Tgt Ion: 91 Resp: 156642

Ion Ratio Lower Upper

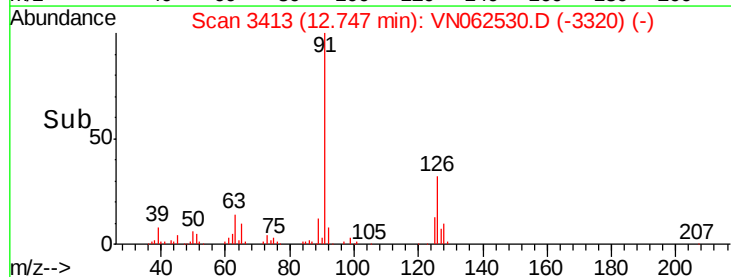
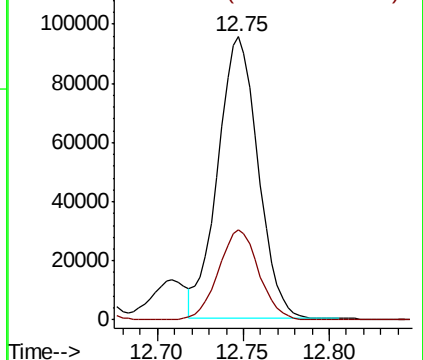
91 100

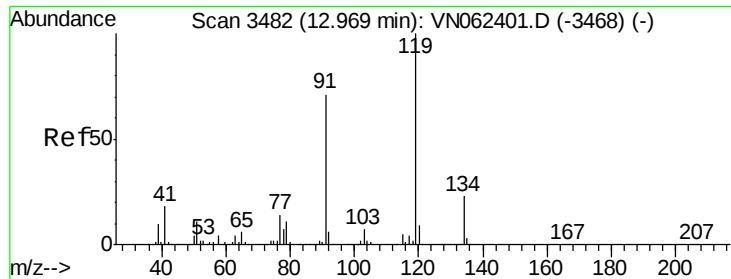
126 32.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3404) (-)

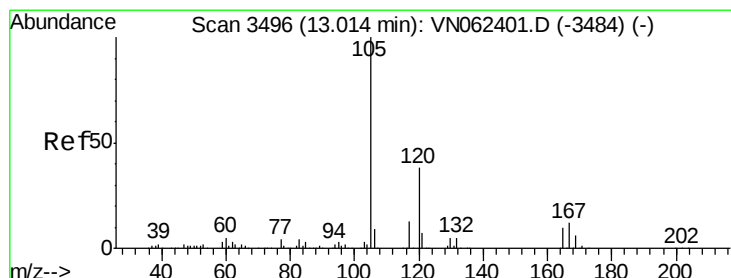
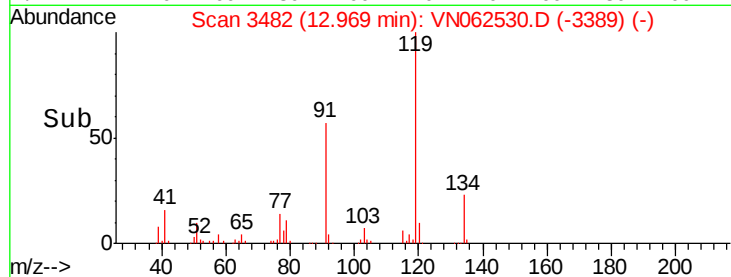
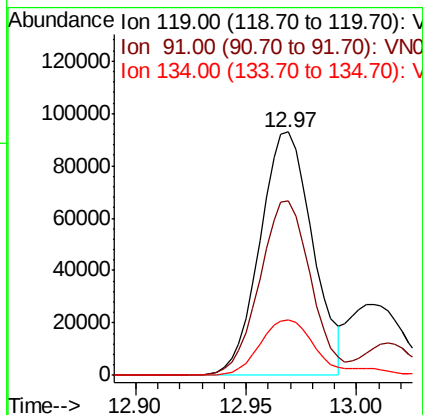
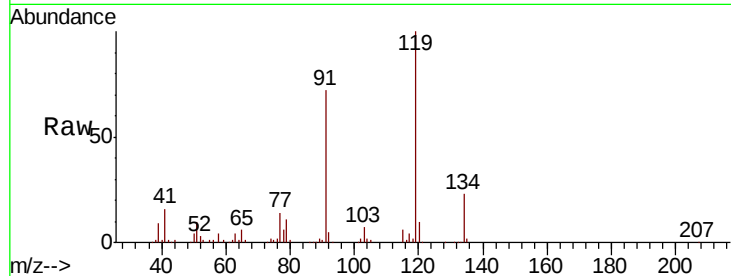




#83
 tert-Butylbenzene
 Concen: 20.688 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

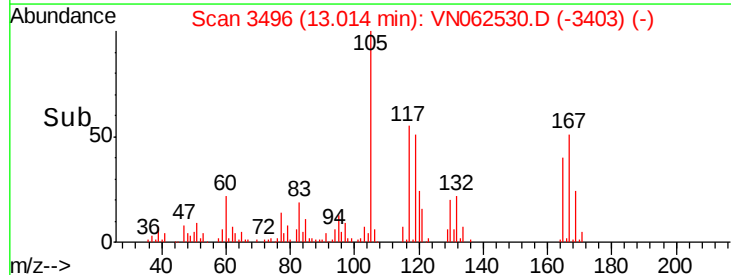
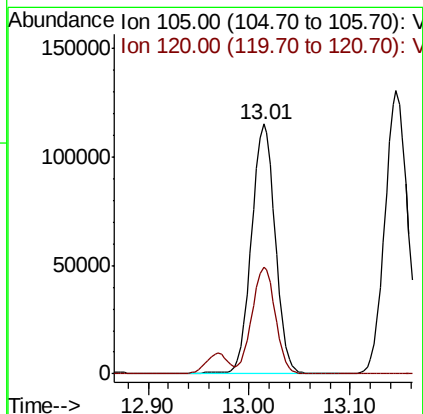
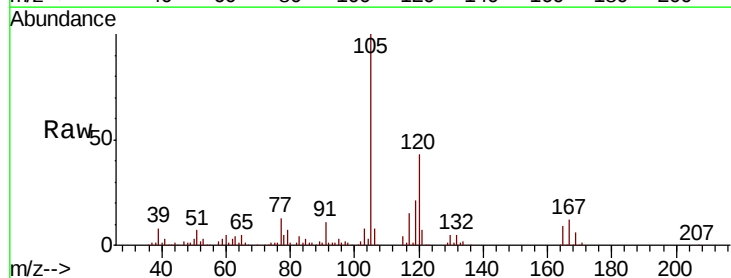
Instrument :
 MSVOA_N
 ClientSampled :

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

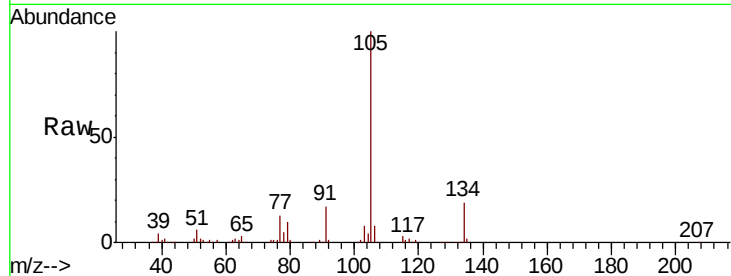
ClientSampled :

Tot Ion:105 Resp: 208849

Ion Ratio Lower Upper

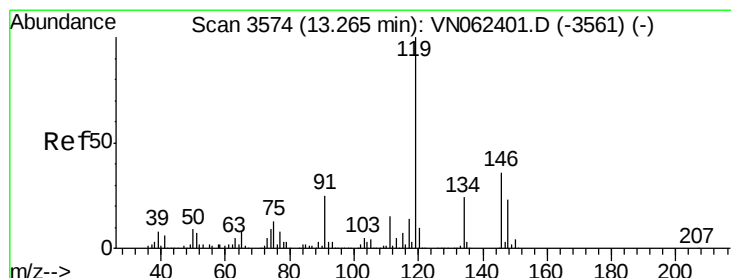
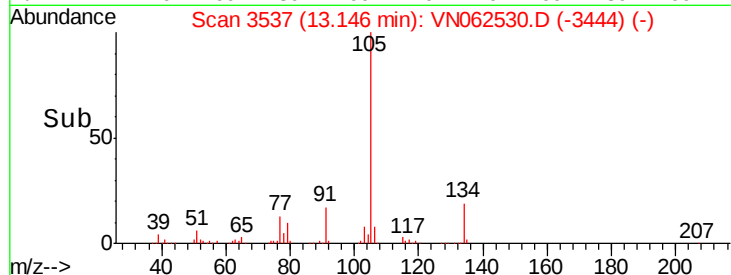
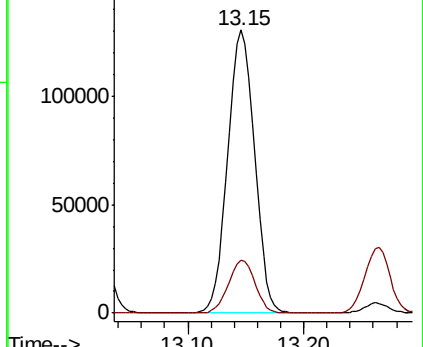
105 100

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

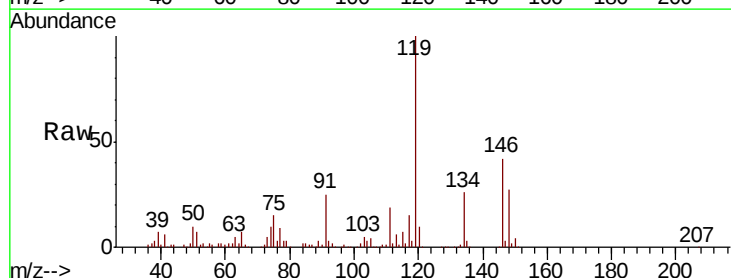
Tgt Ion:119 Resp: 177767

Ion Ratio Lower Upper

119 100

134 25.9 12.4 37.0

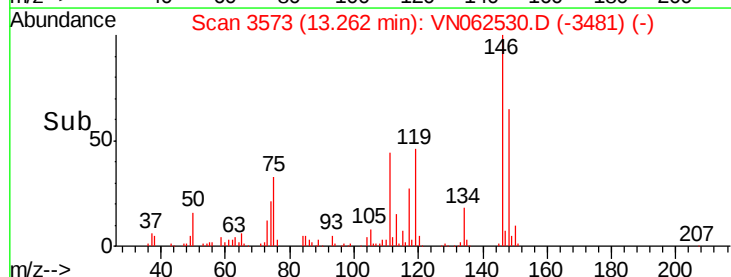
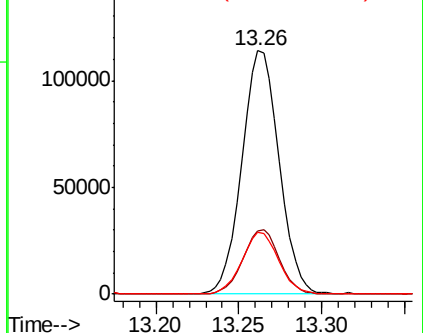
91 25.1 12.4 37.4

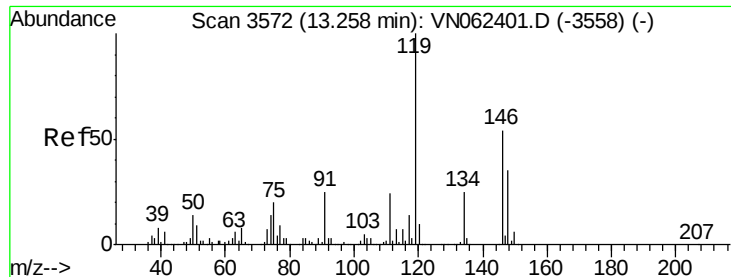


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

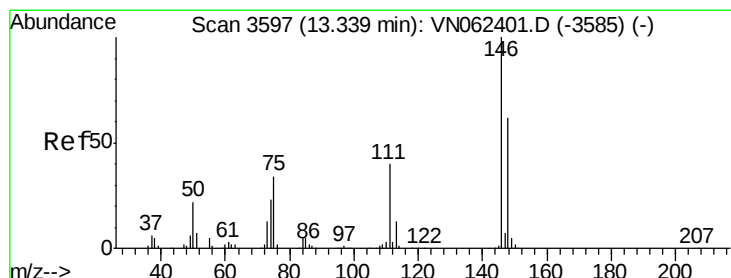
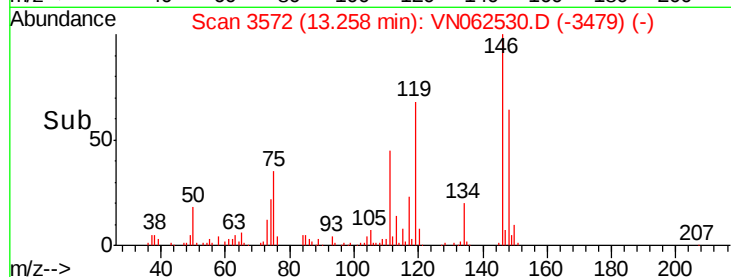
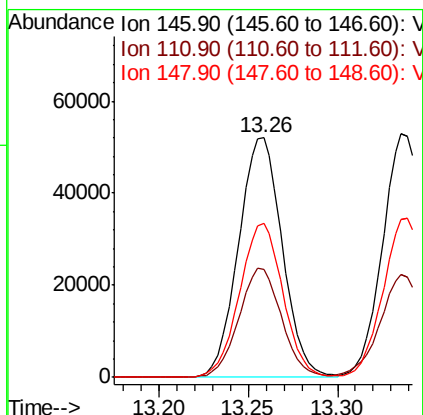
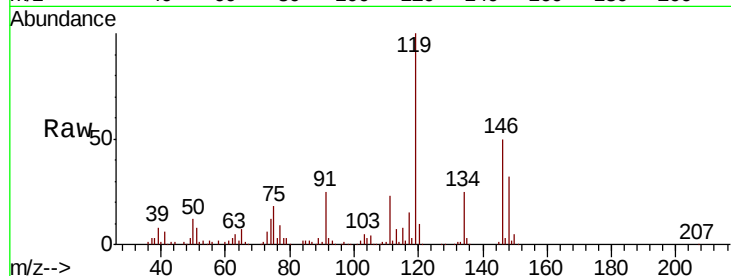




#87
 1,3-Dichlorobenzene
 Concen: 21.335 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

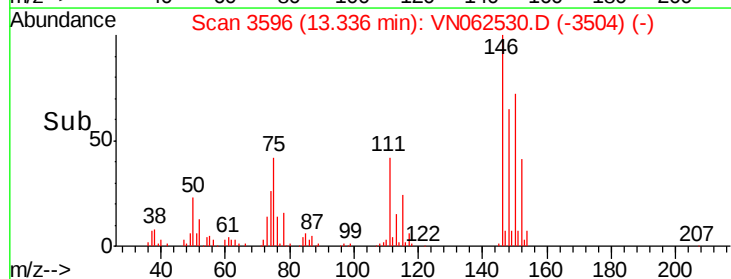
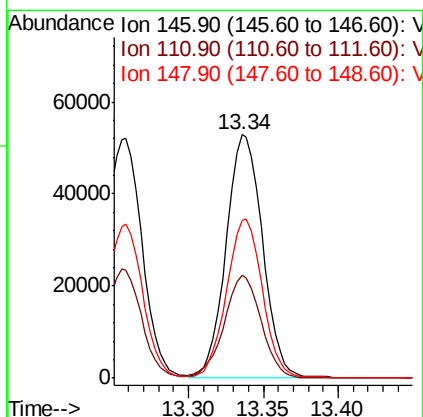
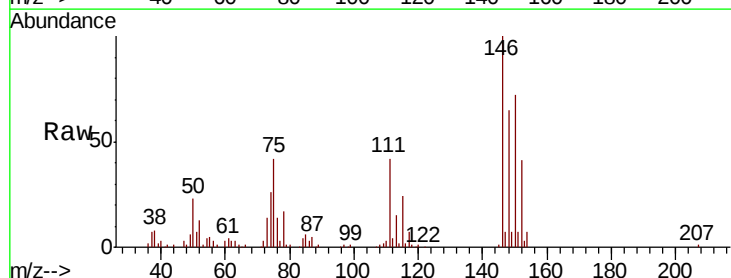
Instrument :
 MSVOA_N
 ClientSampleId :

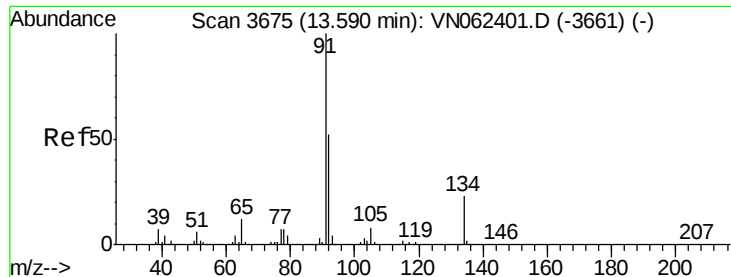
Tot Ion:146 Resp: 89400
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.6 64.6
 148 63.7 32.2 96.6



#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

ClientSampled :

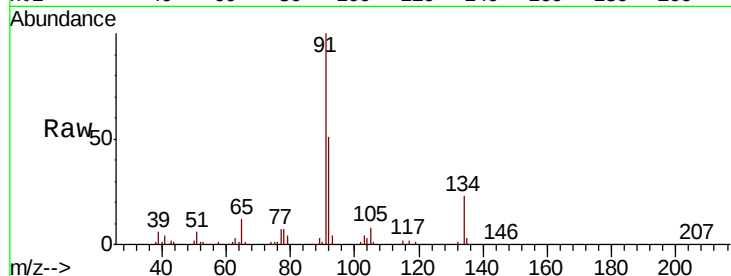
Tot Ion: 91 Resp: 147609

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.7

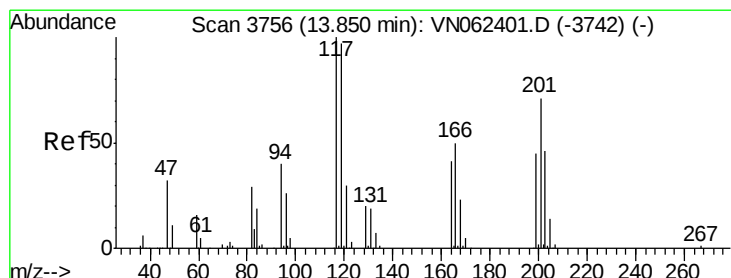
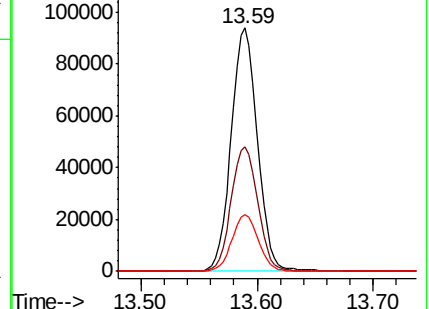
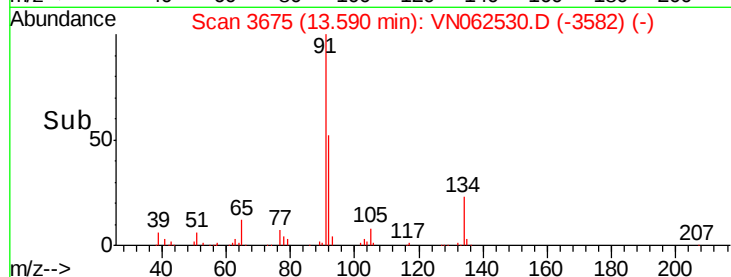
134 23.3 11.6 34.8



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

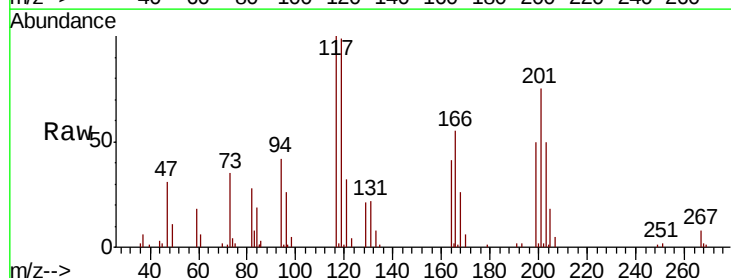
Acq: 15 Jul 2020 12:55

Tgt Ion: 117 Resp: 34092

Ion Ratio Lower Upper

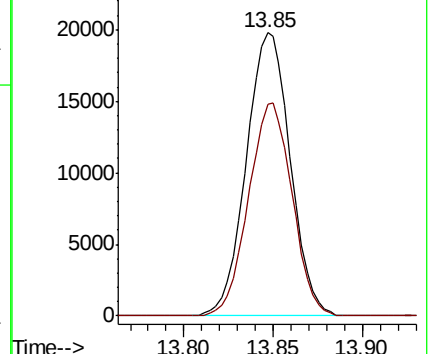
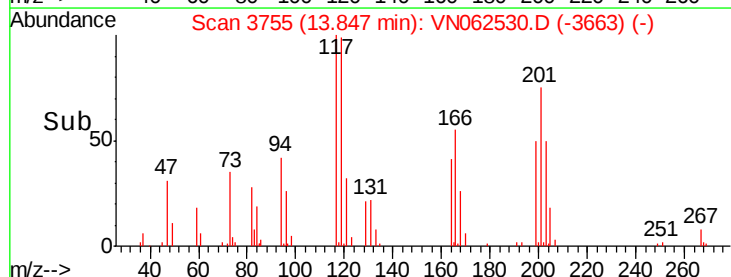
117 100

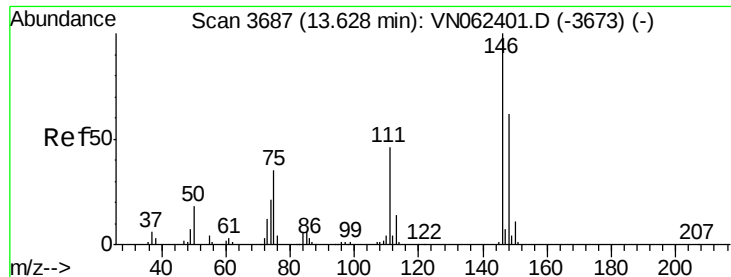
201 74.2 35.4 106.2



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

ClientSampleId :

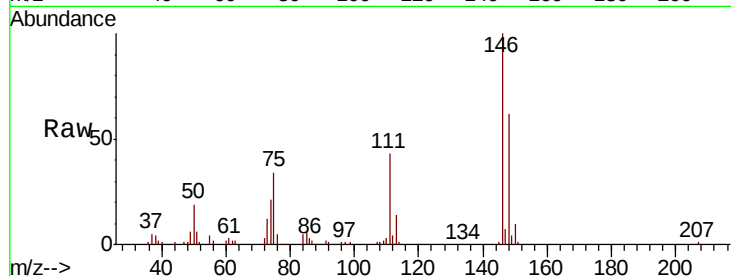
Tot Ion:146 Resp: 88896

Ion Ratio Lower Upper

146 100

111 43.9 22.5 67.5

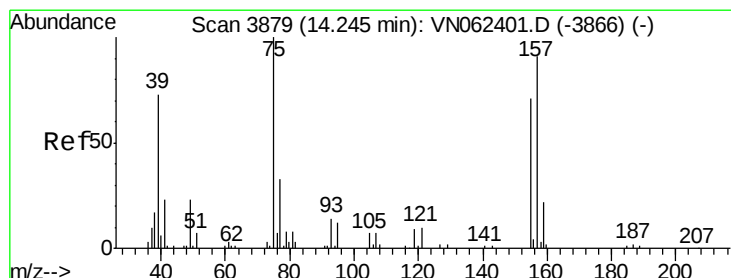
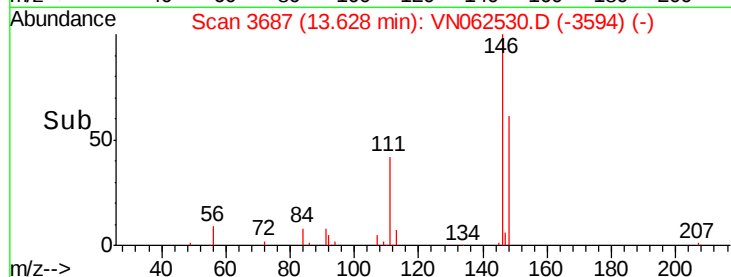
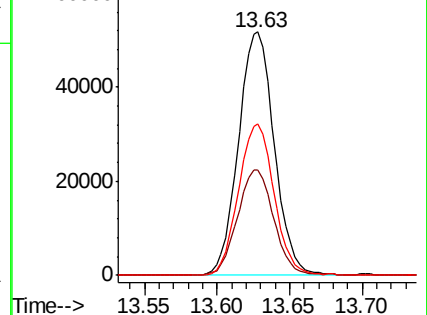
148 61.6 31.4 94.2



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

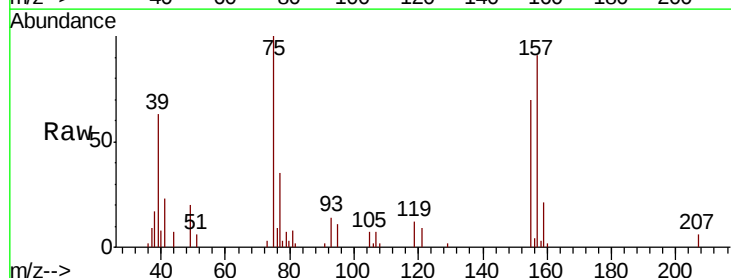
Tgt Ion: 75 Resp: 13484

Ion Ratio Lower Upper

75 100

155 68.7 35.2 105.6

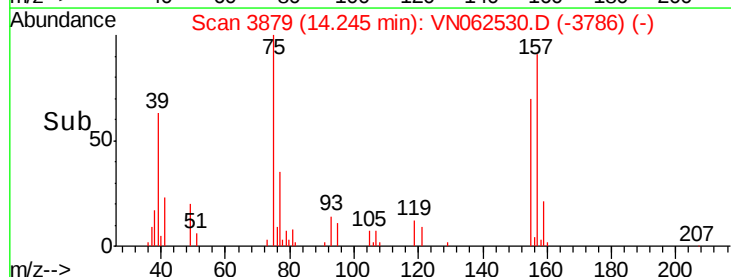
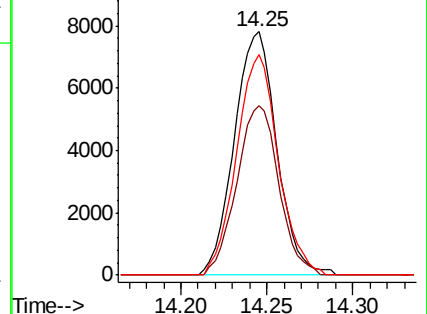
157 88.5 45.8 137.3

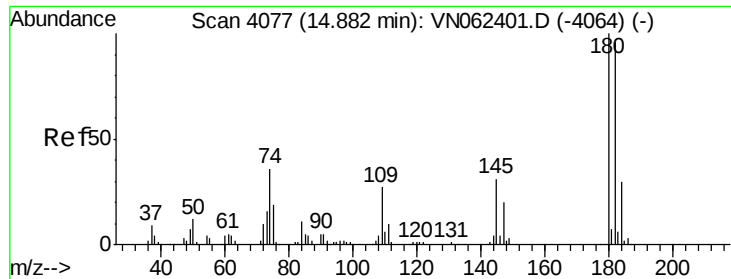


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

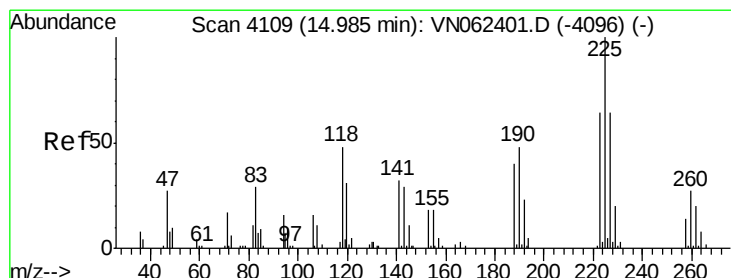
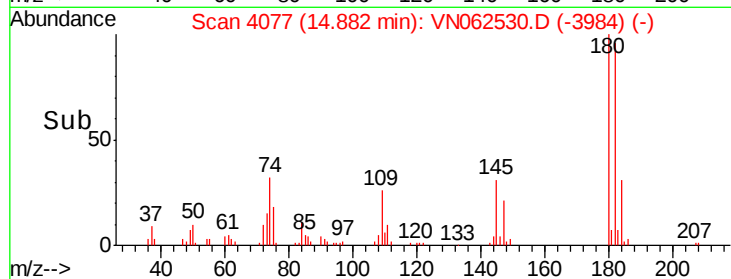
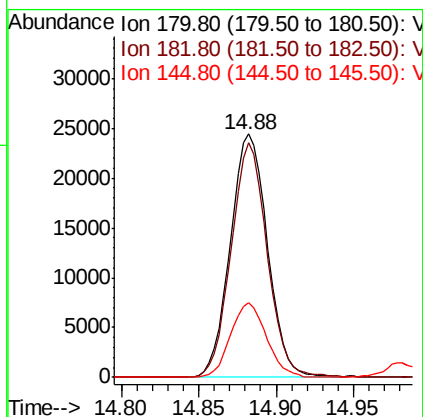
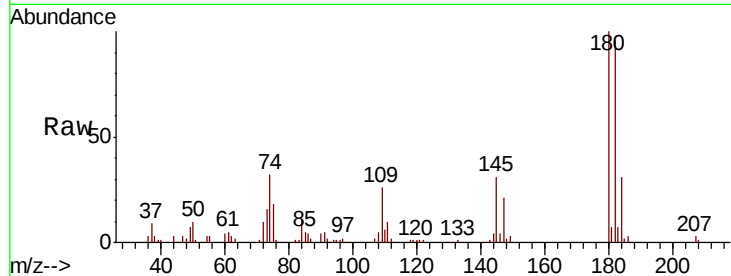




#93
 1,2,4-Trichlorobenzene
 Concen: 20.739 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062530.D
 Acq: 15 Jul 2020 12:55

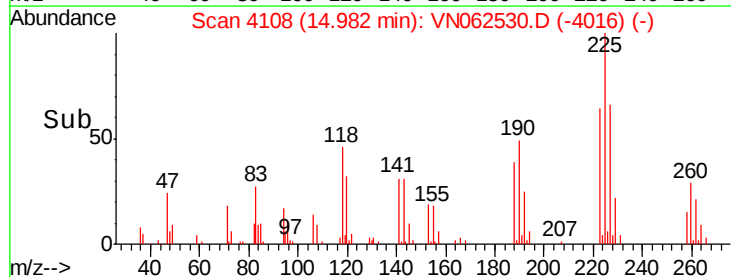
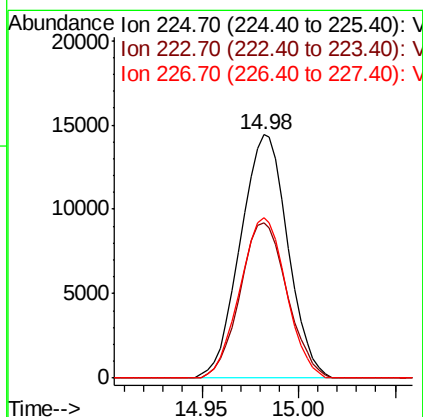
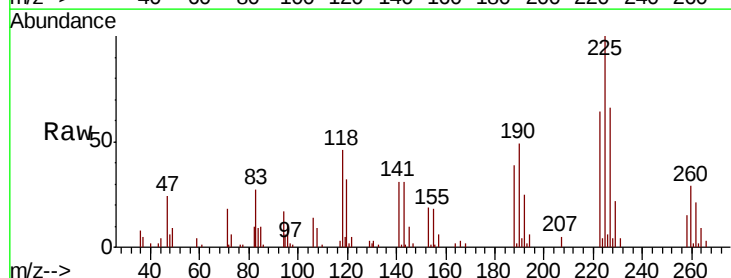
Instrument :
 MSVOA_N
 ClientSampleId :

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

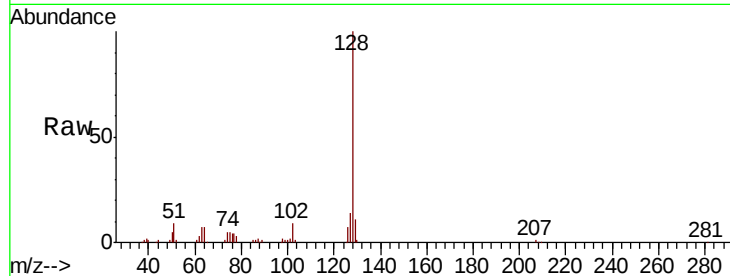




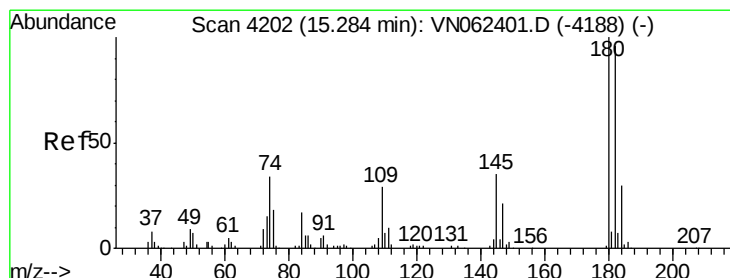
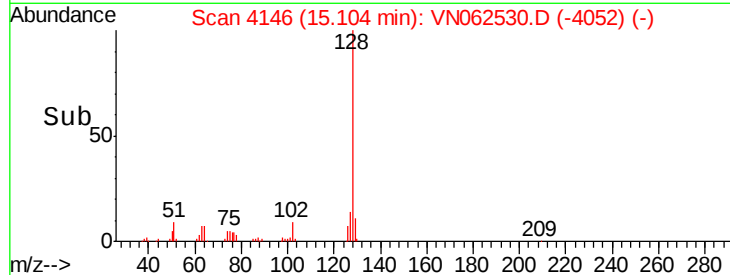
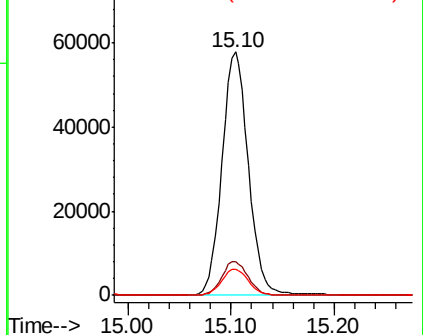
#95
Naphthalene
Concen: 21.047 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062530.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_N
ClientSampleId :

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

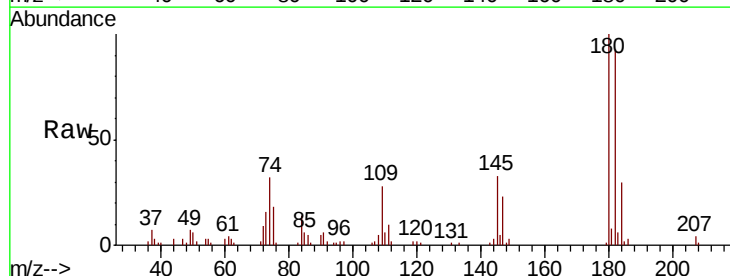


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#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

