

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062602.D
 Acq On : 27 Jul 2020 16:48
 Operator : JC/MD
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Quant Time: Jul 28 06:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	154102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110926	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	124061	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
35) Dibromofluoromethane	7.55	113	82188	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.06	98	310615	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.37	95	117954	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39317	21.389	ug/l	100
3) Chloromethane	2.04	50	40664	16.311	ug/l	95
4) Vinyl Chloride	2.16	62	37280	17.249	ug/l	98
5) Bromomethane	2.54	94	23690	24.748	ug/l	97
6) Chloroethane	2.67	64	22203	22.711	ug/l	99
7) Trichlorofluoromethane	2.98	101	62335	24.565	ug/l	100
8) Diethyl Ether	3.37	74	21920	18.472	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33471	20.573	ug/l	99
10) Methyl Iodide	3.91	142	35761	17.193	ug/l	96
11) Tert butyl alcohol	4.73	59	34418	90.378	ug/l	100
12) 1,1-Dichloroethene	3.70	96	31991	19.388	ug/l	99
13) Acrolein	3.57	56	24041	66.927	ug/l	98
14) Allyl chloride	4.27	41	61328	17.183	ug/l	93
15) Acrylonitrile	4.93	53	96476	94.582	ug/l	98
16) Acetone	3.77	43	86881	96.444	ug/l	94
17) Carbon Disulfide	4.01	76	95867	17.683	ug/l	98
18) Methyl Acetate	4.28	43	41591	18.237	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	122103	20.105	ug/l	98
20) Methylene Chloride	4.50	84	39425	18.247	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	34289	18.723	ug/l	98
22) Diisopropyl ether	5.90	45	127395	17.957	ug/l	96
23) Vinyl Acetate	5.84	43	537750	92.505	ug/l	98
24) 1,1-Dichloroethane	5.80	63	71329	18.670	ug/l	99
25) 2-Butanone	6.78	43	126862	92.468	ug/l	100
26) 2,2-Dichloropropane	6.77	77	64775	20.654	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	39487	18.896	ug/l	99
28) Bromochloromethane	7.15	49	32752	17.420	ug/l	93
29) Tetrahydrofuran	7.17	42	81493	87.783	ug/l	93
30) Chloroform	7.33	83	73207	20.154	ug/l	94
31) Cyclohexane	7.61	56	62739	17.786	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	64715	21.339	ug/l	98
36) 1,1-Dichloropropene	7.75	75	54016	20.412	ug/l	99
37) Ethyl Acetate	6.88	43	53715	18.830	ug/l	99
38) Carbon Tetrachloride	7.73	117	58324	22.929	ug/l	95

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Quant Time: Jul 28 06:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	57853	20.309	ug/l	99
40) Benzene	8.00	78	152267	19.006	ug/l	100
41) Methacrylonitrile	7.16	41	77012	62.993	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	64675	22.081	ug/l	98
43) Isopropyl Acetate	8.12	43	88345	19.212	ug/l	98
44) Trichloroethene	8.80	130	36970	20.463	ug/l	99
45) 1,2-Dichloropropane	9.09	63	42578	18.929	ug/l	100
46) Dibromomethane	9.17	93	26707	20.542	ug/l	98
47) Bromodichloromethane	9.37	83	58547	20.786	ug/l	99
48) Methyl methacrylate	9.17	41	41635	19.046	ug/l	94
49) 1,4-Dioxane	9.17	88	11171	332.726	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	266076	96.703	ug/l	98
52) Toluene	10.12	92	94208	20.251	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	65970	21.040	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	68563	20.378	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	37887	20.996	ug/l	93
56) Ethyl methacrylate	10.40	69	58874	19.296	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64994	19.660	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	79719	92.877	ug/l	97
59) 2-Hexanone	10.72	43	193006	92.588	ug/l	100
60) Dibromochloromethane	10.87	129	42732	21.227	ug/l	98
61) 1,2-Dibromoethane	10.98	107	38055	20.253	ug/l	96
64) Tetrachloroethene	10.60	164	31996	21.381	ug/l	97
65) Chlorobenzene	11.40	112	98680	20.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	39789	21.905	ug/l	96
67) Ethyl Benzene	11.48	91	182671	20.633	ug/l	100
68) m/p-Xylenes	11.59	106	134245	42.188	ug/l	98
69) o-Xylene	11.92	106	63199	20.915	ug/l	99
70) Styrene	11.94	104	107140	20.990	ug/l	97
71) Bromoform	12.10	173	30322	22.232	ug/l #	99
73) Isopropylbenzene	12.22	105	174288	19.871	ug/l	100
74) N-amyl acetate	12.04	43	72681	18.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53951	17.701	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	76318	27.030	ug/l #	100
77) Bromobenzene	12.50	156	40753	19.334	ug/l	97
78) n-propylbenzene	12.56	91	204775	19.931	ug/l	100
79) 2-Chlorotoluene	12.65	91	123130	19.447	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	151586	20.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	19324	19.052	ug/l	92
82) 4-Chlorotoluene	12.75	91	128779	19.540	ug/l	100
83) tert-Butylbenzene	12.97	119	120510	19.948	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	148752	20.841	ug/l	98
85) sec-Butylbenzene	13.15	105	168936	20.887	ug/l	100
86) p-Isopropyltoluene	13.26	119	152973	21.990	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73055	19.750	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	72006	19.775	ug/l	96
89) n-Butylbenzene	13.59	91	124922	20.900	ug/l	99
90) Hexachloroethane	13.85	117	28754	19.417	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	71419	20.193	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12135	21.929	ug/l	96

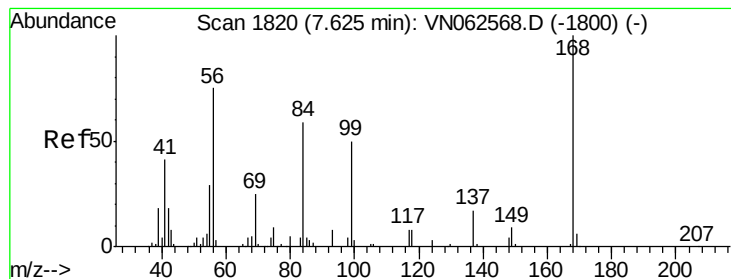
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
Data File : VN062602.D
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Sample : VN0727WBSD01
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Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	36563	21.544	ug/l	99
94) Hexachlorobutadiene	14.98	225	22938	23.745	ug/l	97
95) Naphthalene	15.10	128	95064	21.583	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37364	22.417	ug/l	99

(#) = 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: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

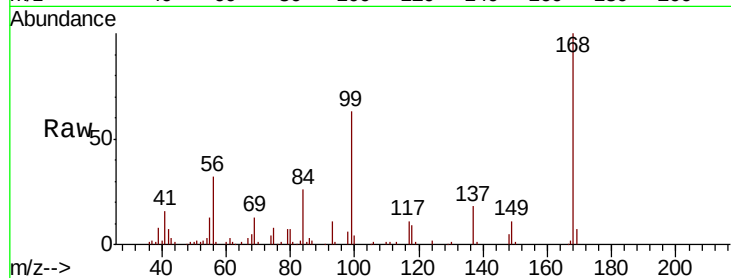
VN0727WBSD01

Tot Ion:168 Resp: 154102

Ion Ratio Lower Upper

168 100

99 63.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

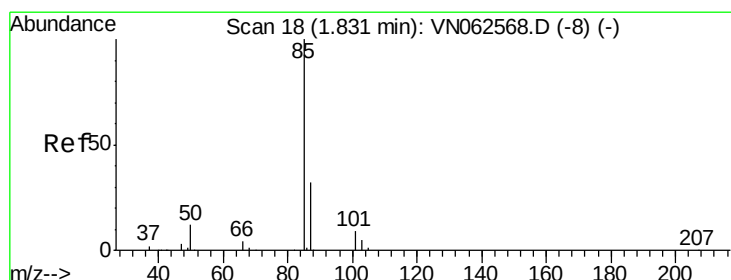
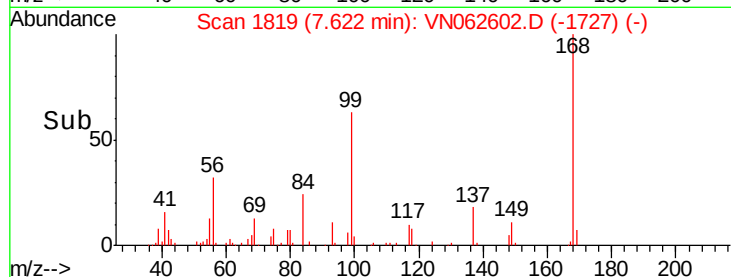
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 21.389 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062602.D

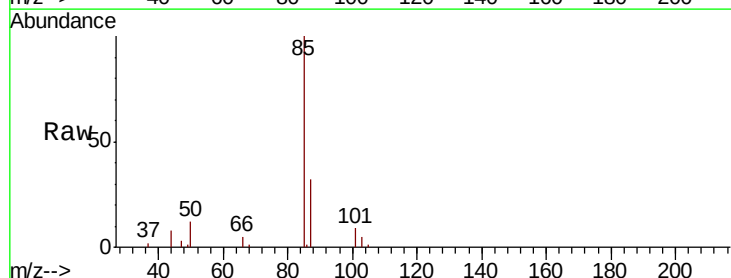
Acq: 27 Jul 2020 16:48

Tgt Ion: 85 Resp: 39317

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

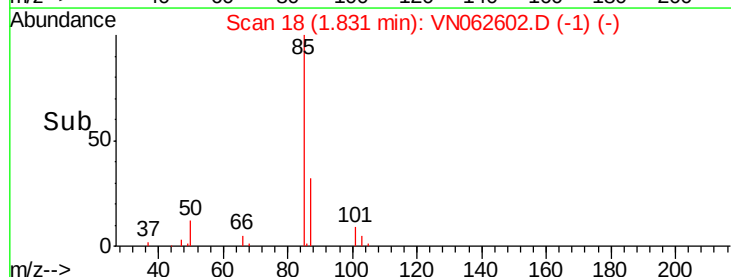
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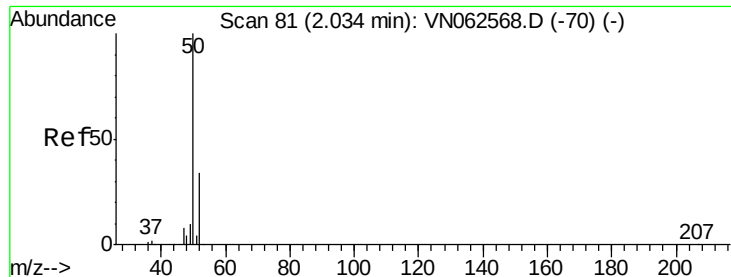
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.311 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

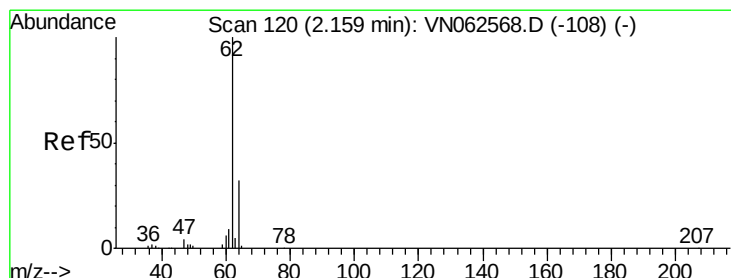
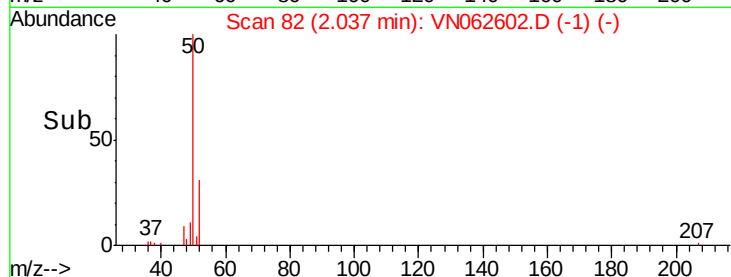
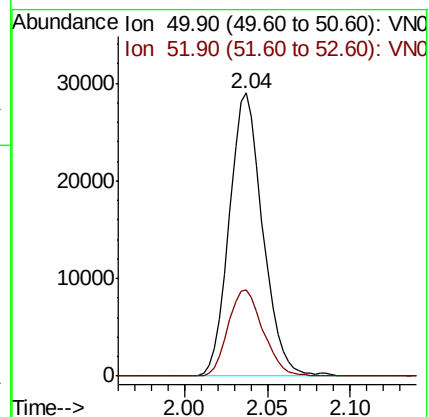
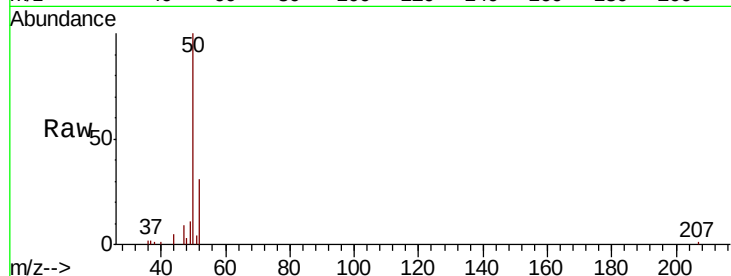
VN0727WBSD01

Tot Ion: 50 Resp: 40664

Ion Ratio Lower Upper

50 100

52 30.6 27.0 40.4



#4

Vinyl Chloride

Concen: 17.249 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062602.D

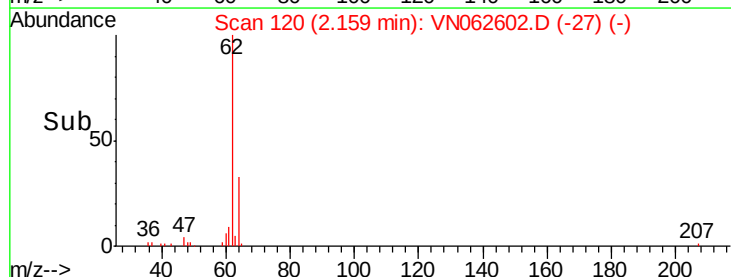
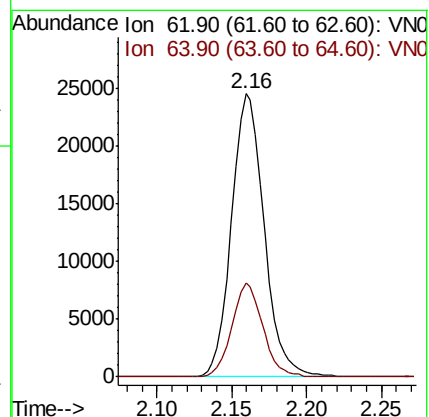
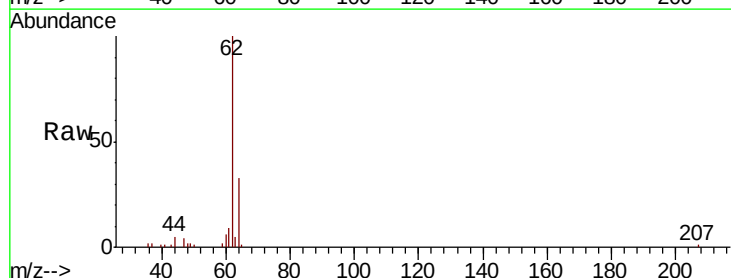
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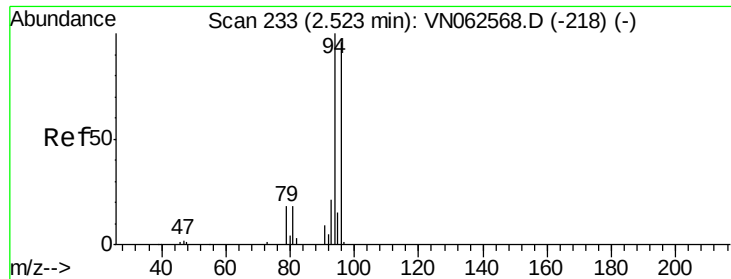
Tgt Ion: 62 Resp: 37280

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 24.748 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

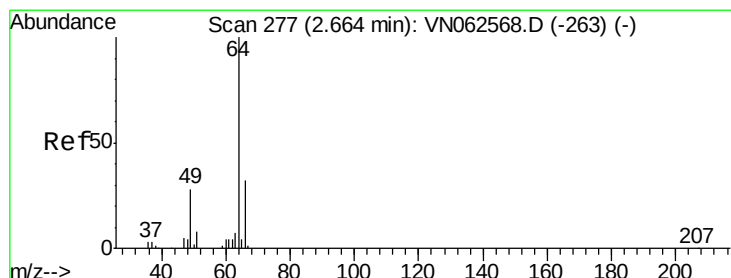
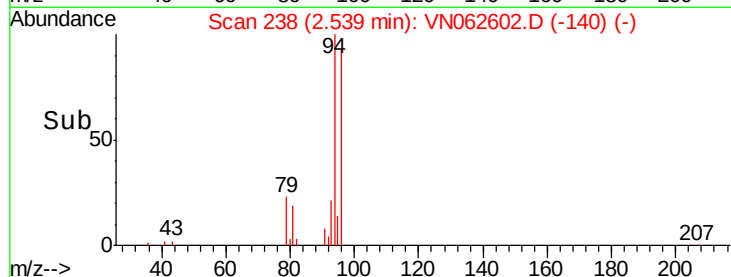
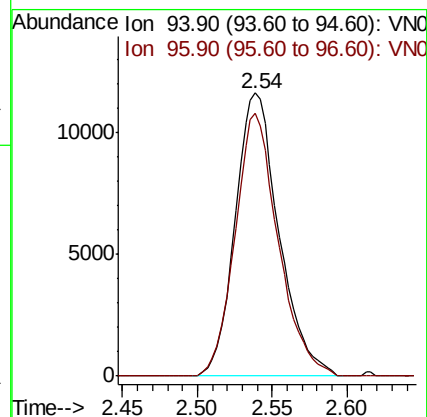
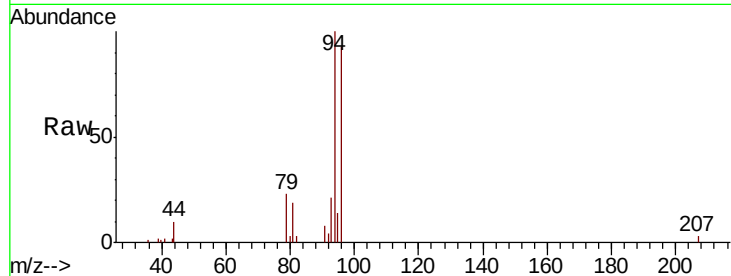
VN0727WBSD01

Tot Ion: 94 Resp: 23690

Ion Ratio Lower Upper

94 100

96 92.7 76.6 114.8



#6

Chloroethane

Concen: 22.711 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062602.D

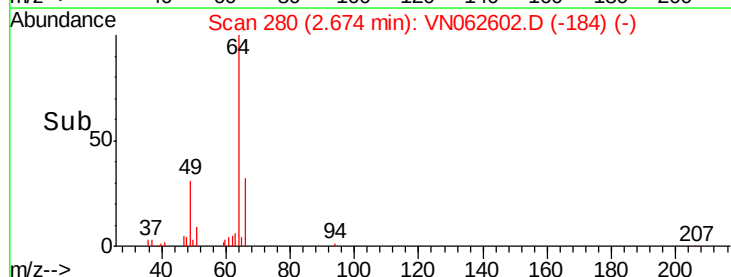
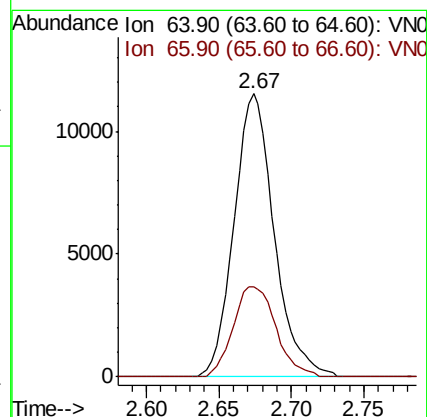
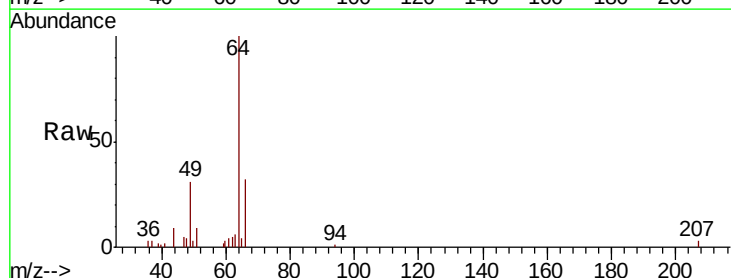
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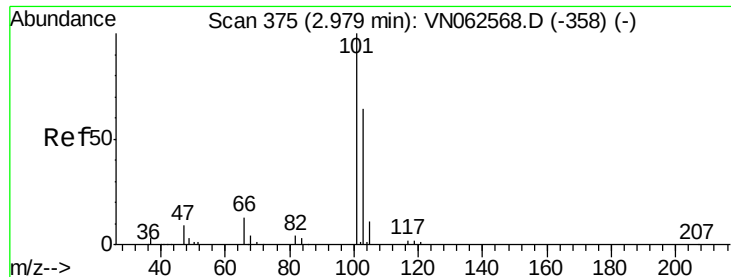
Tgt Ion: 64 Resp: 22203

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.8



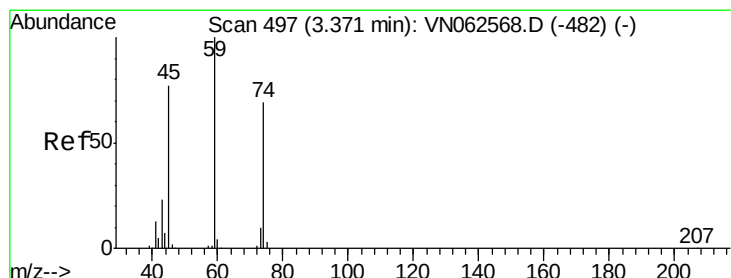
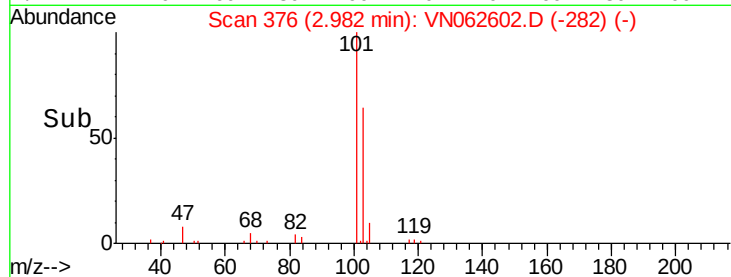
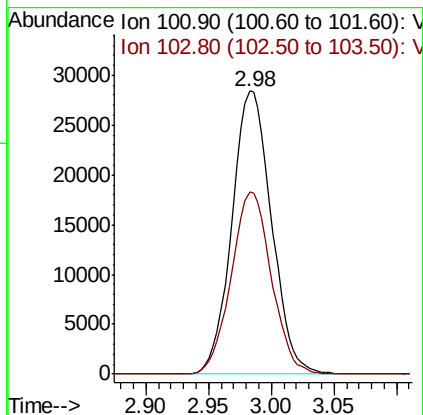
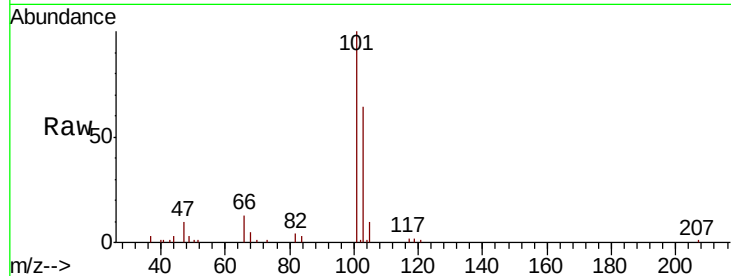


#7

Trichlorofluoromethane
 Concen: 24.565 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
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 ClientSampleId :
 VN0727WBSD01

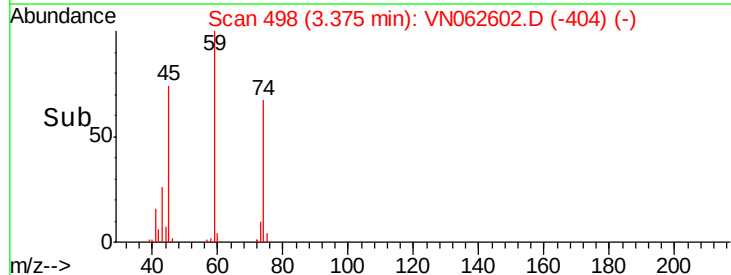
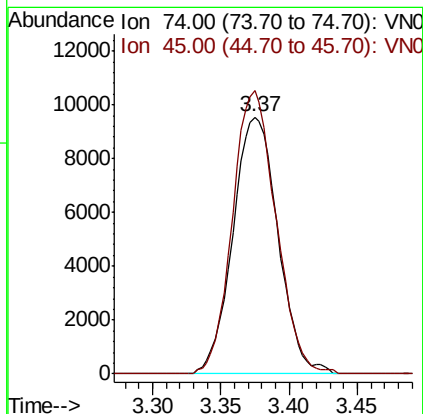
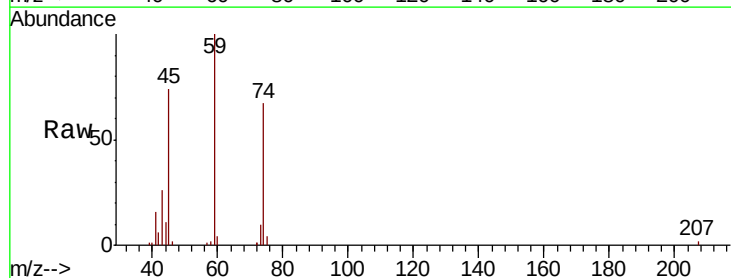
Tot Ion:101 Resp: 62335
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

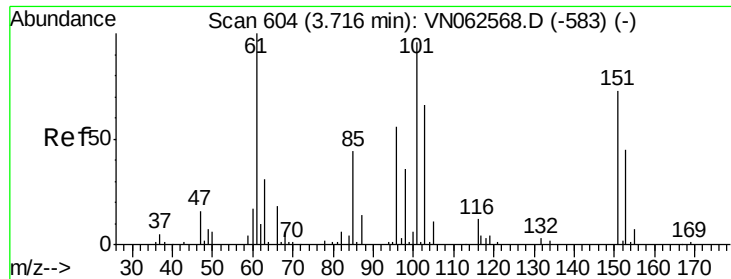


#8

Diethyl Ether
 Concen: 18.472 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 74 Resp: 21920
 Ion Ratio Lower Upper
 74 100
 45 106.4 55.3 165.8

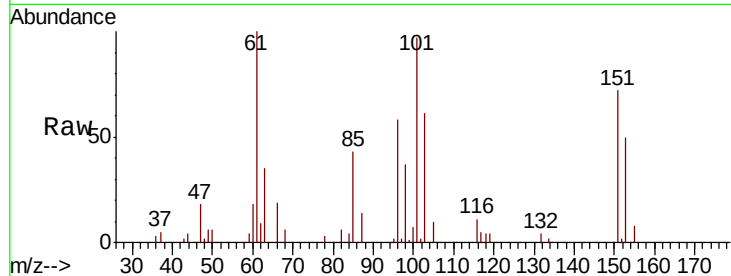




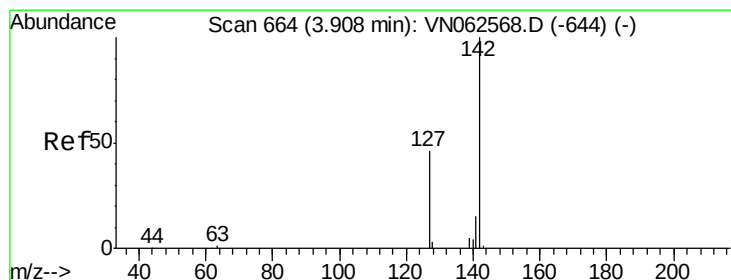
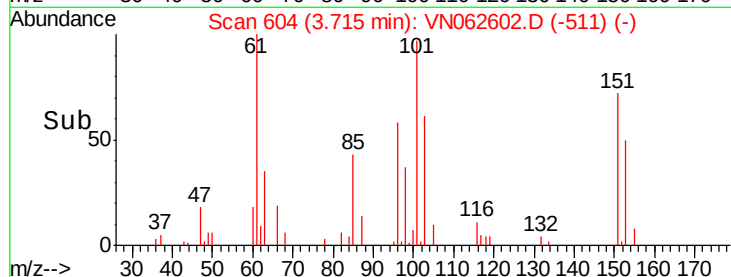
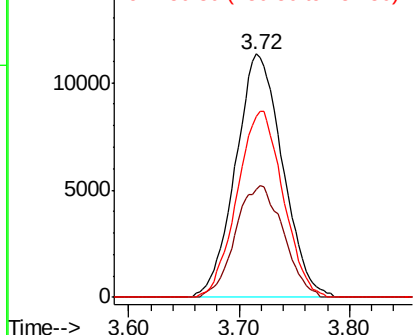
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.573 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN0727WBSD01

Tot Ion:101 Resp: 33471
 Ion Ratio Lower Upper
 101 100
 85 46.8 36.0 54.0
 151 74.9 60.0 90.0

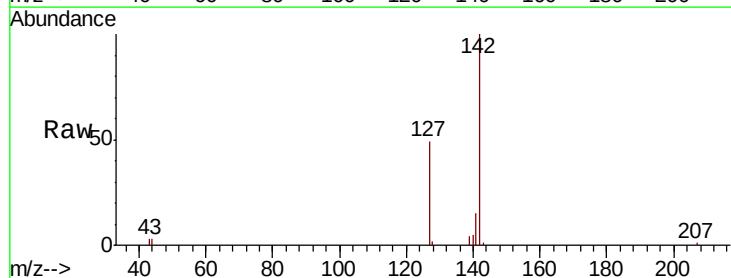


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

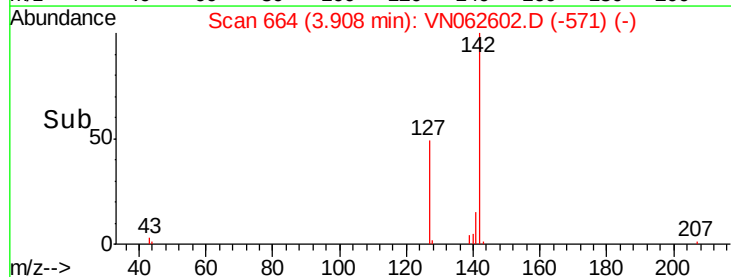
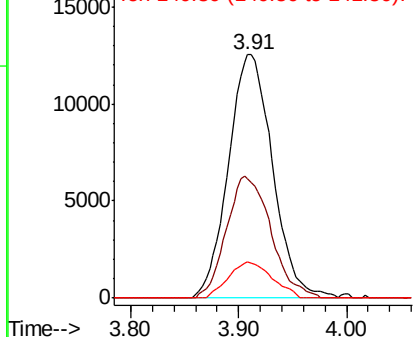


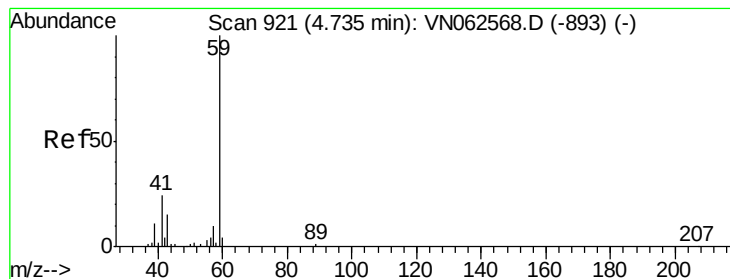
#10
 Methyl Iodide
 Concen: 17.193 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion:142 Resp: 35761
 Ion Ratio Lower Upper
 142 100
 127 50.2 37.4 56.0
 141 14.6 11.9 17.9



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: 90.378 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

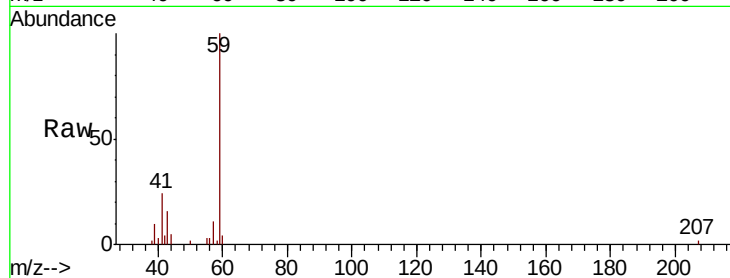
VN0727WBSD01

Tot Ion: 59 Resp: 34418

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

10000

8000

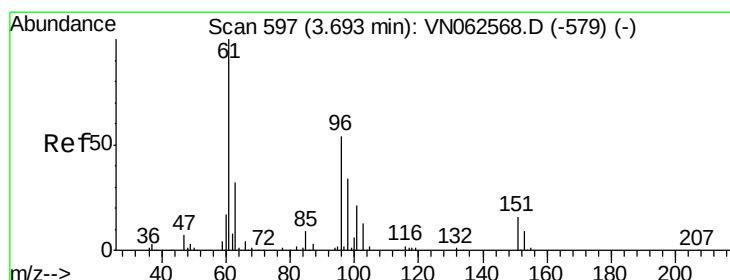
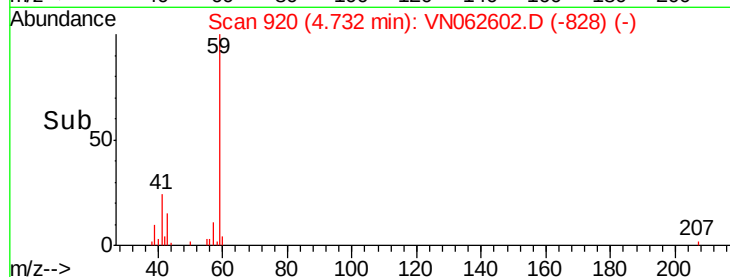
6000

4000

2000

0

Time--> 4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 19.388 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

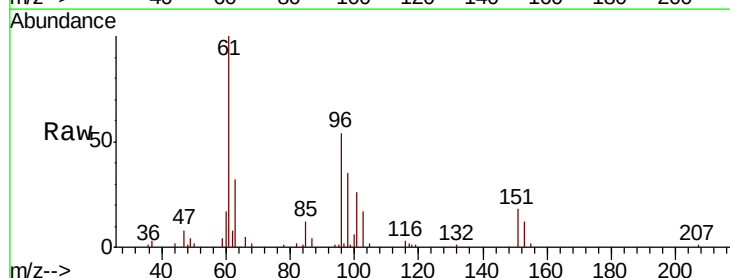
Tgt Ion: 96 Resp: 31991

Ion Ratio Lower Upper

96 100

61 183.7 148.6 222.8

98 64.0 50.6 75.8



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

30000

25000

20000

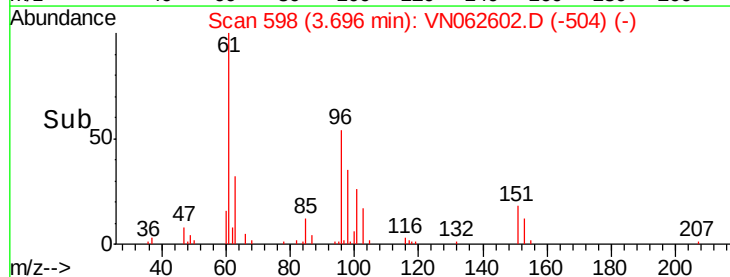
15000

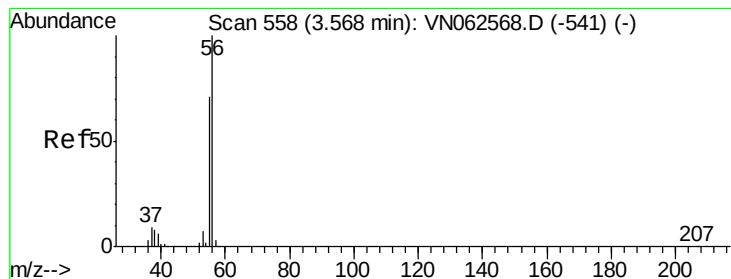
10000

5000

0

Time--> 3.60 3.65 3.70 3.75





#13

Acrolein

Concen: 66.927 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

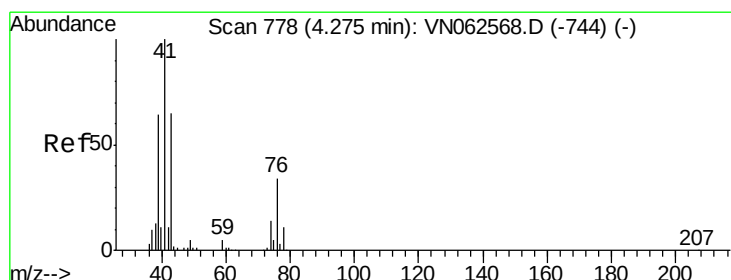
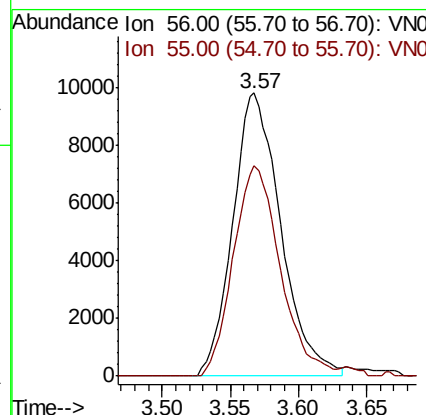
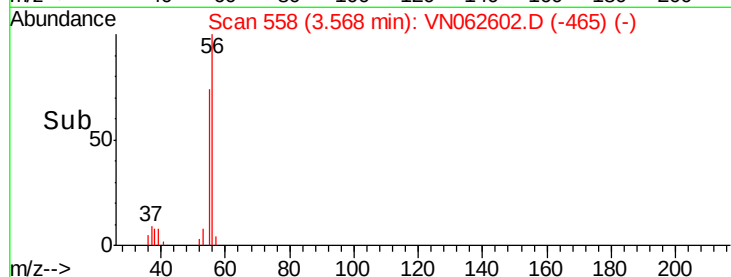
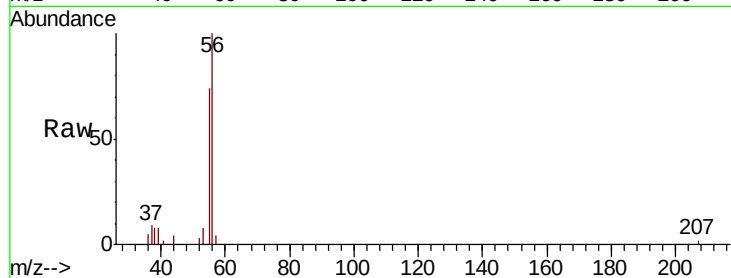
VN0727WBSD01

Tot Ion: 56 Resp: 24041

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 17.183 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

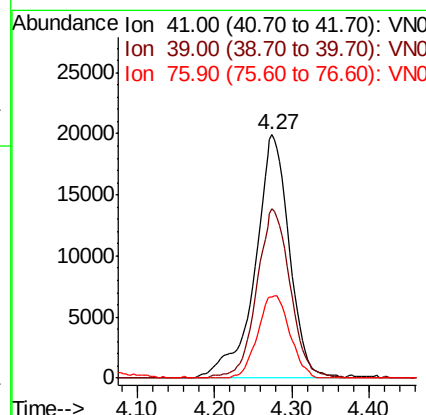
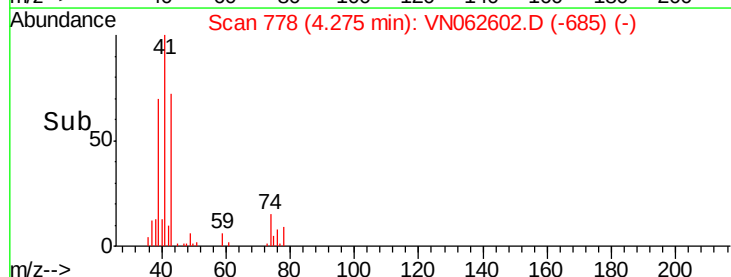
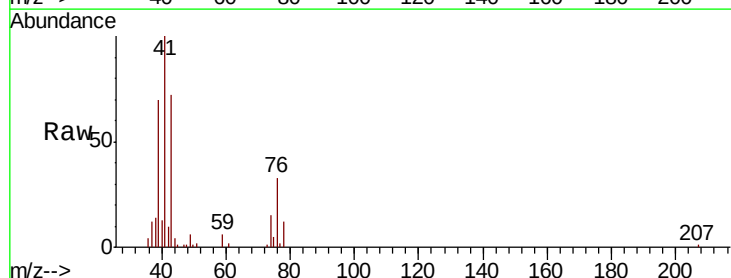
Tgt Ion: 41 Resp: 61328

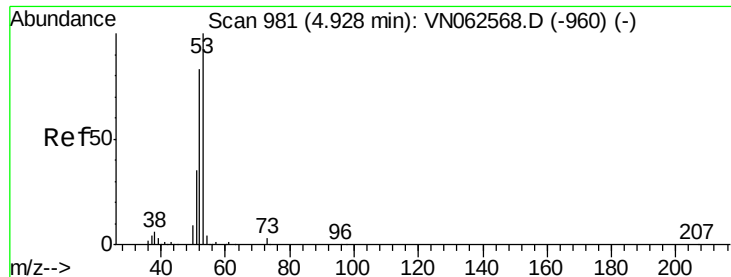
Ion Ratio Lower Upper

41 100

39 68.2 49.0 73.4

76 32.0 24.0 36.0





#15

Acrylonitrile

Concen: 94.582 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

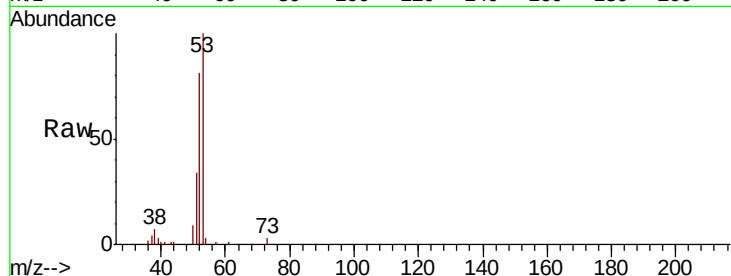
Tot Ion: 53 Resp: 96476

Ion Ratio Lower Upper

53 100

52 81.0 66.3 99.5

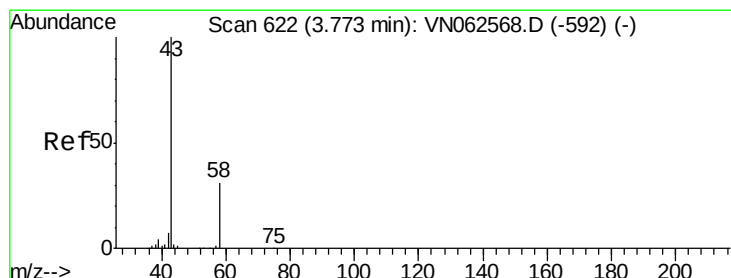
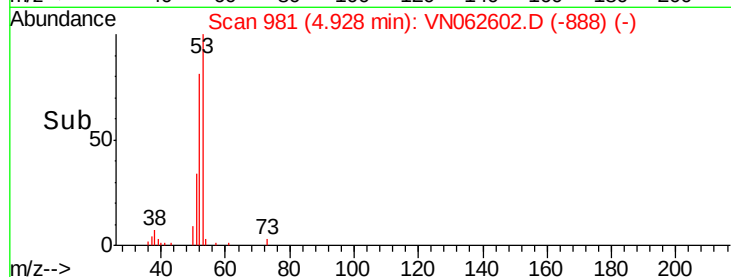
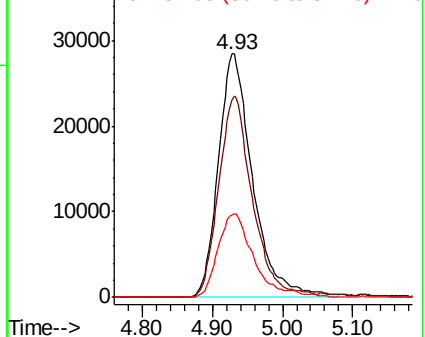
51 34.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062602.D (-529) (-)

Ion 52.00 (51.70 to 52.70): VN062602.D (-529) (-)

Ion 51.00 (50.70 to 51.70): VN062602.D (-529) (-)



#16

Acetone

Concen: 96.444 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062602.D

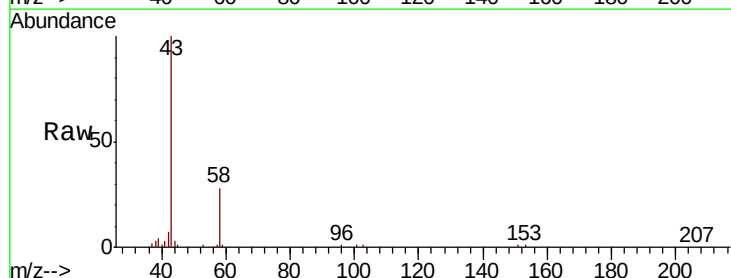
Acq: 27 Jul 2020 16:48

Tgt Ion: 43 Resp: 86881

Ion Ratio Lower Upper

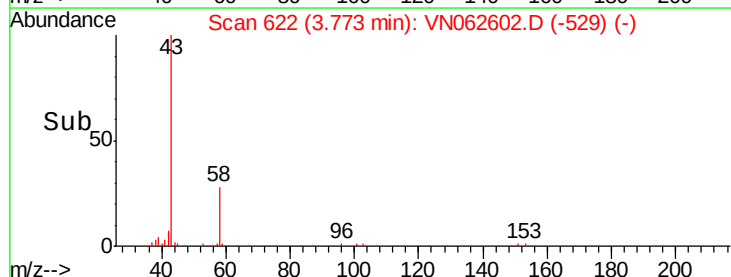
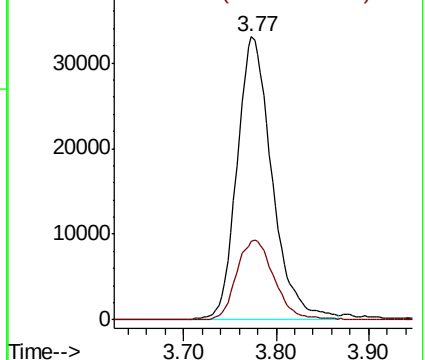
43 100

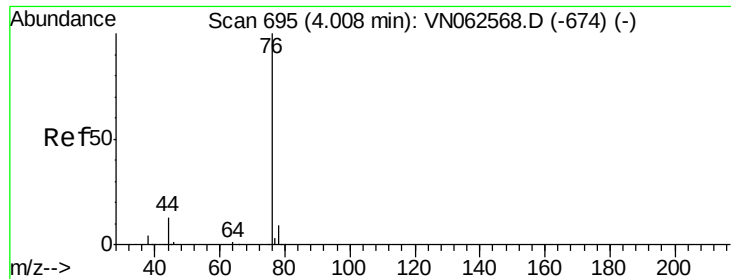
58 27.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062602.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062602.D (-529) (-)

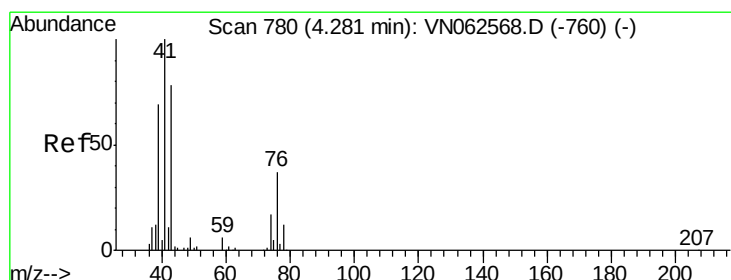
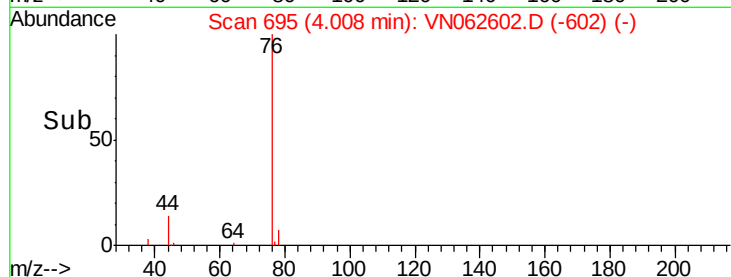
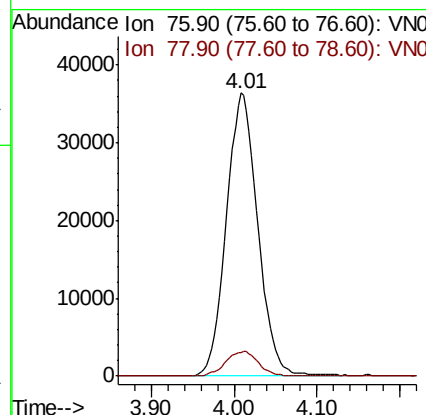
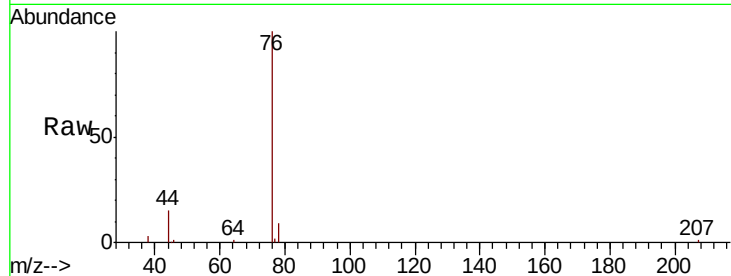




#17
Carbon Disulfide
Concen: 17.683 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

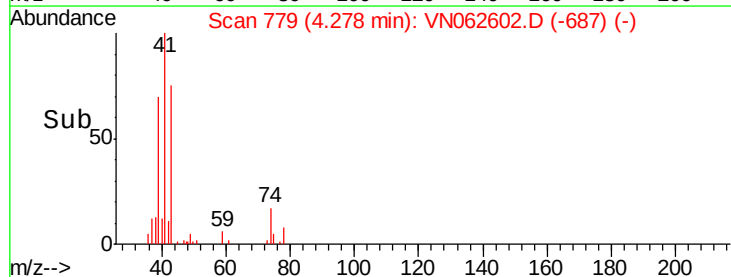
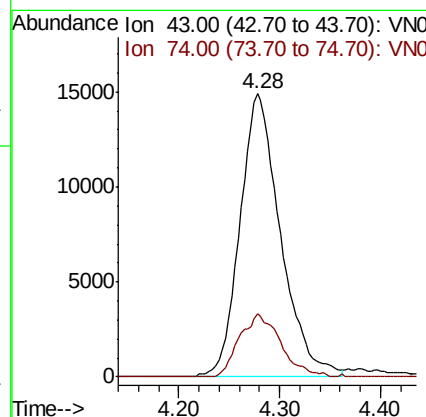
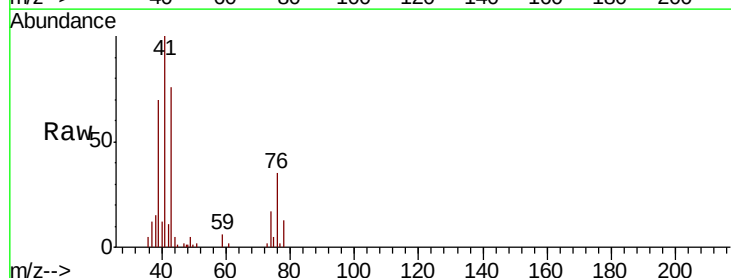
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

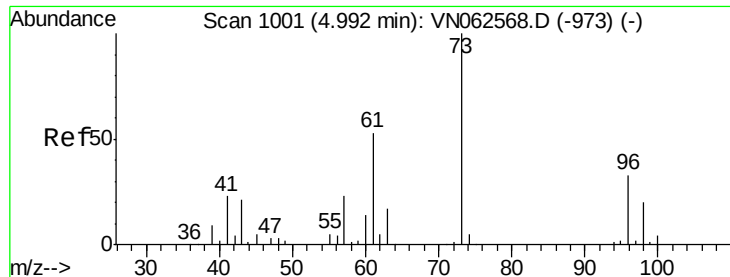
Tot Ion: 76 Resp: 95867
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 18.237 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 43 Resp: 41591
Ion Ratio Lower Upper
43 100
74 22.7 16.6 24.8

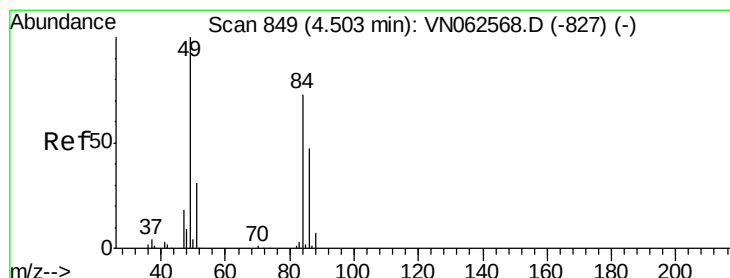
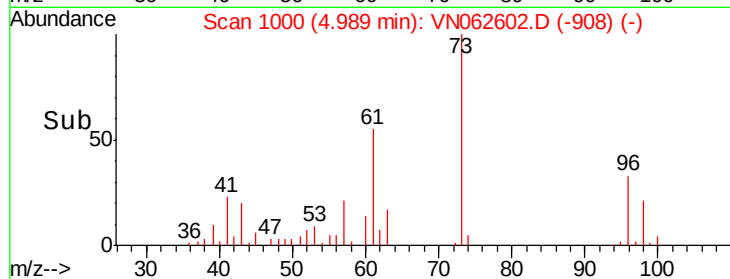
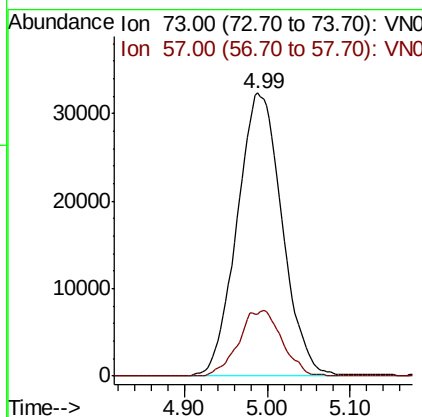
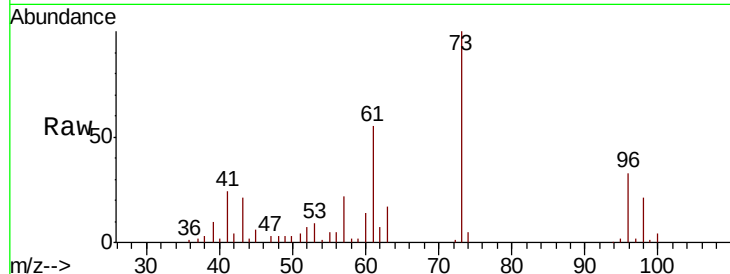




#19
Methyl tert-butyl Ether
Concen: 20.105 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

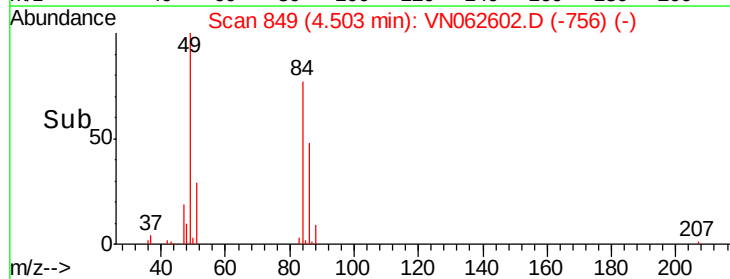
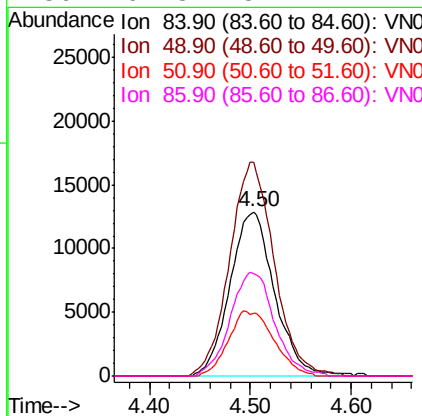
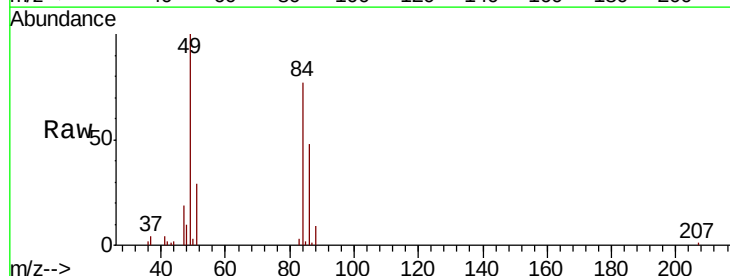
Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

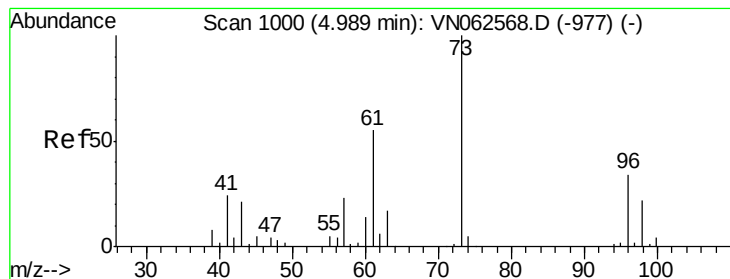
Tot Ion: 73 Resp: 122103
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8



#20
Methylene Chloride
Concen: 18.247 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 84 Resp: 39425
Ion Ratio Lower Upper
84 100
49 130.1 109.4 164.0
51 37.9 33.6 50.4
86 62.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.723 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

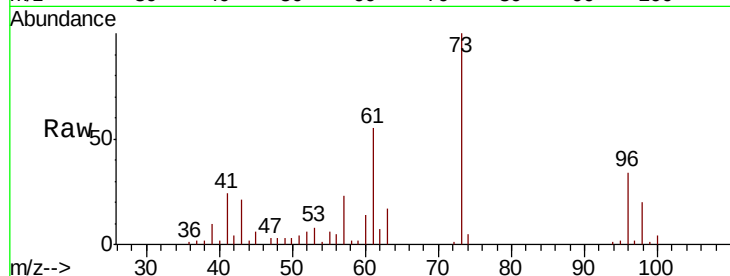
Tot Ion: 96 Resp: 34289

Ion Ratio Lower Upper

96 100

61 162.1 128.6 192.8

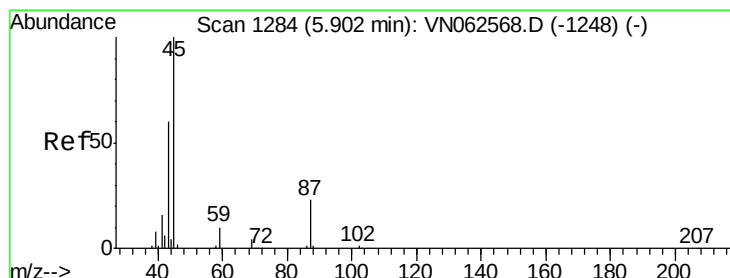
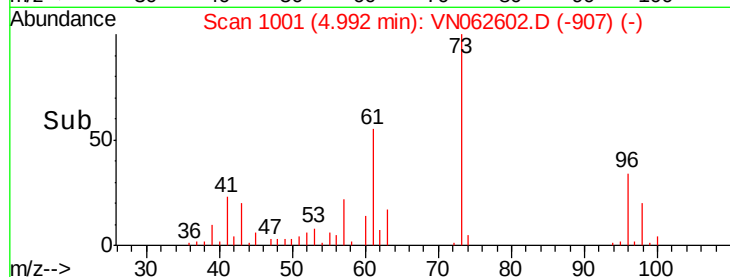
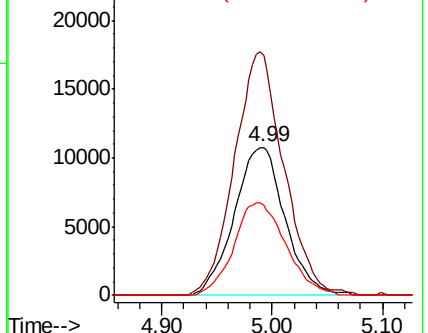
98 60.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062602.D (-1191) (-)

Ion 60.90 (60.60 to 61.60): VN062602.D (-1191) (-)

Ion 97.90 (97.60 to 98.60): VN062602.D (-1191) (-)



#22

Diisopropyl ether

Concen: 17.957 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion: 45 Resp: 127395

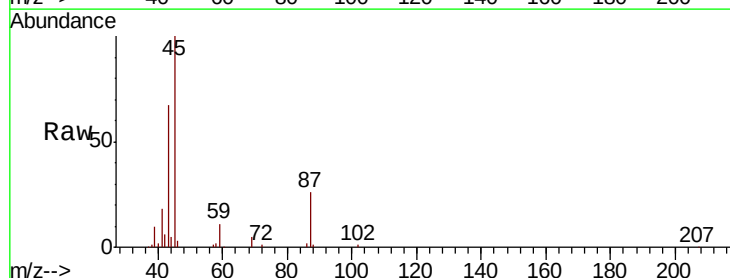
Ion Ratio Lower Upper

45 100

43 64.8 48.7 73.1

87 25.6 19.0 28.6

59 11.4 8.6 13.0

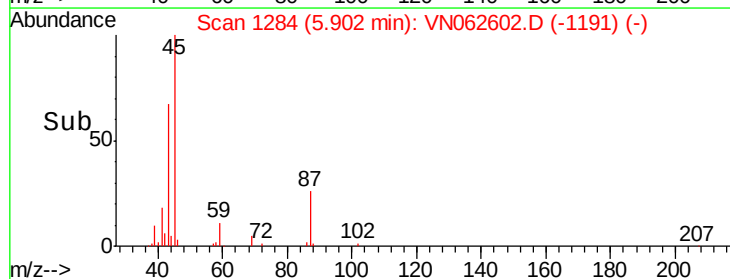
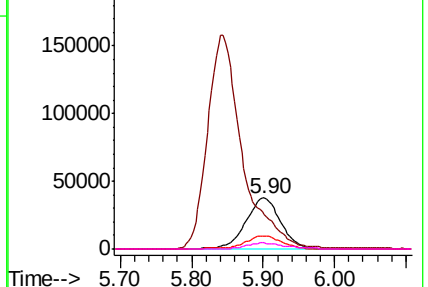


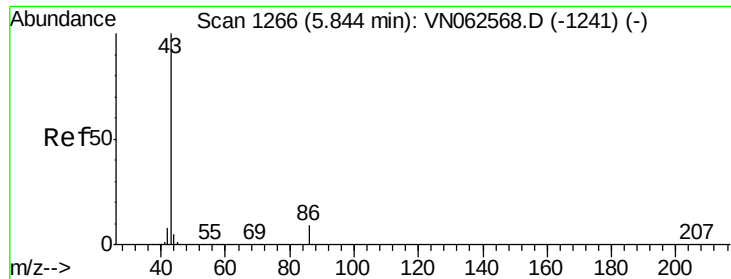
Abundance Ion 45.00 (44.70 to 45.70): VN062602.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062602.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062602.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062602.D (-1191) (-)

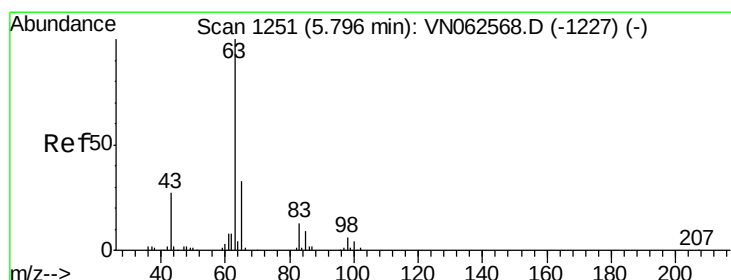
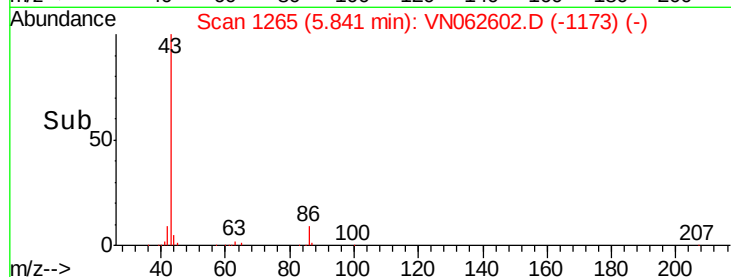
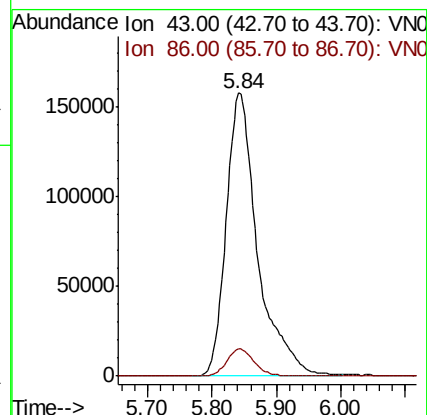
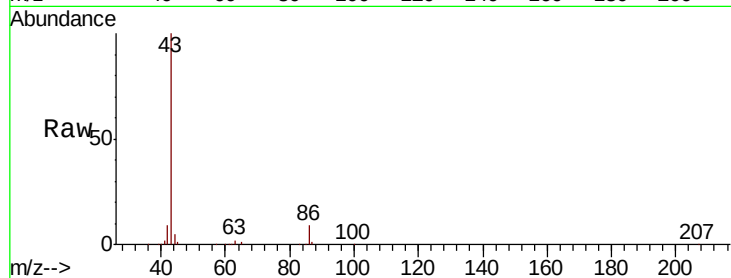




#23
 Vinyl Acetate
 Concen: 92.505 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

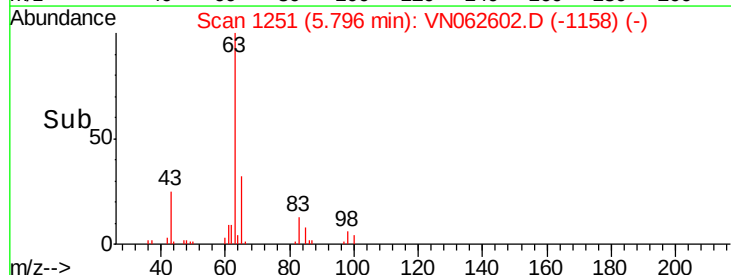
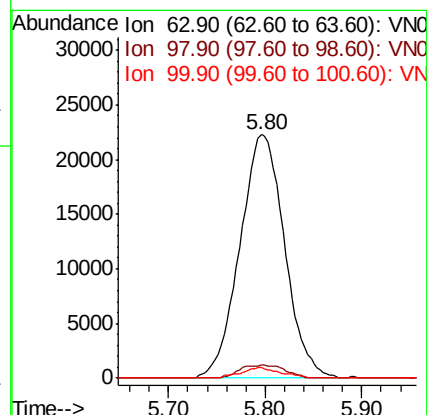
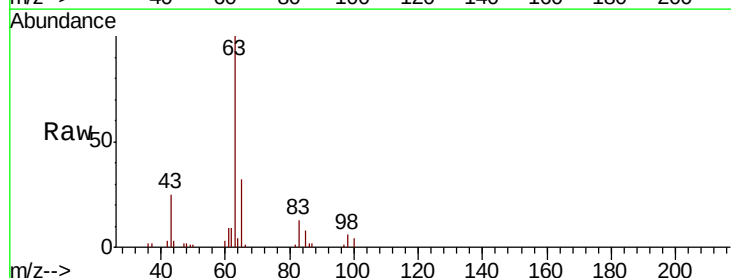
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

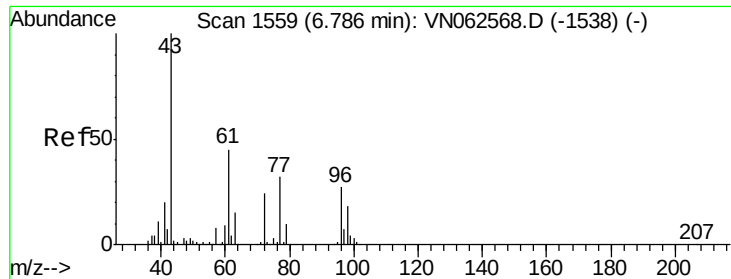
Tot Ion: 43 Resp: 537750
 Ion Ratio Lower Upper
 43 100
 86 9.5 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 18.670 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 63 Resp: 71329
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 4.3 1.8 5.4





#25

2-Butanone

Concen: 92.468 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

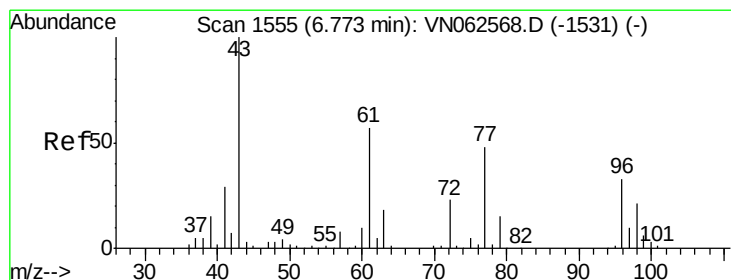
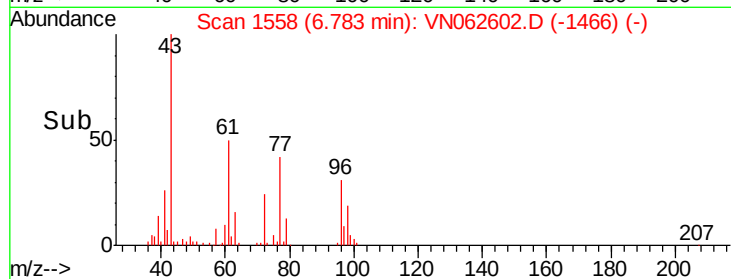
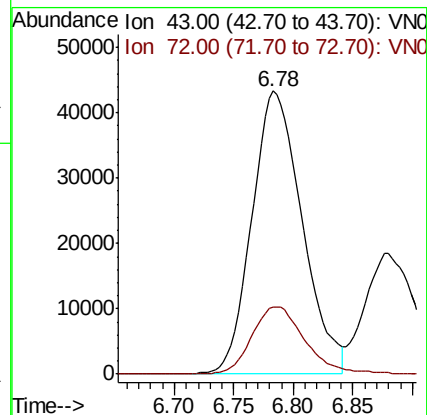
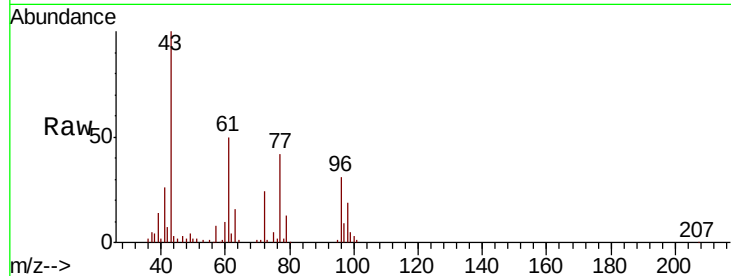
VN0727WBSD01

Tot Ion: 43 Resp: 126862

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 20.654 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062602.D

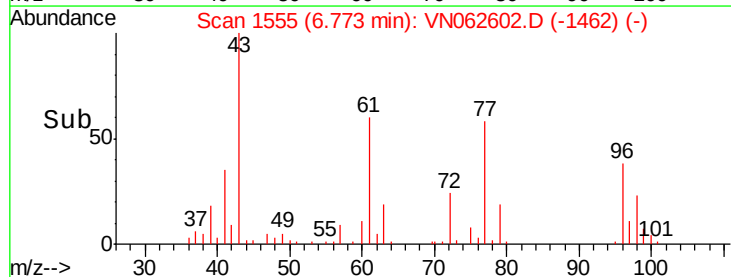
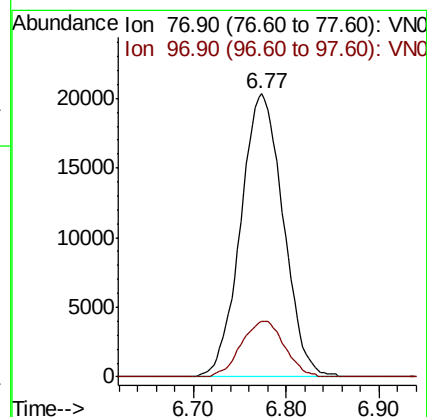
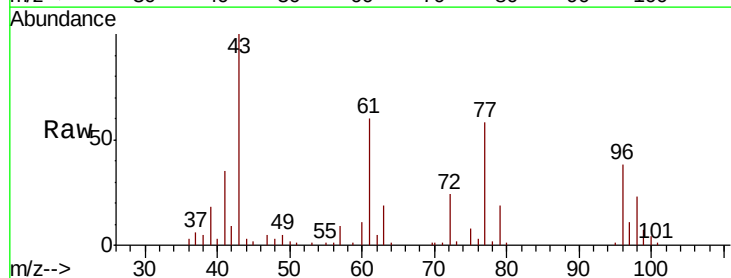
Acq: 27 Jul 2020 16:48

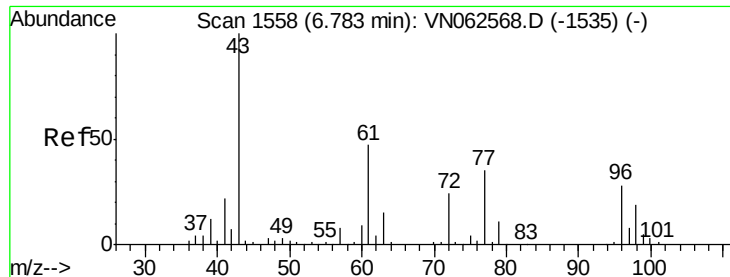
Tgt Ion: 77 Resp: 64775

Ion Ratio Lower Upper

77 100

97 20.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.896 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

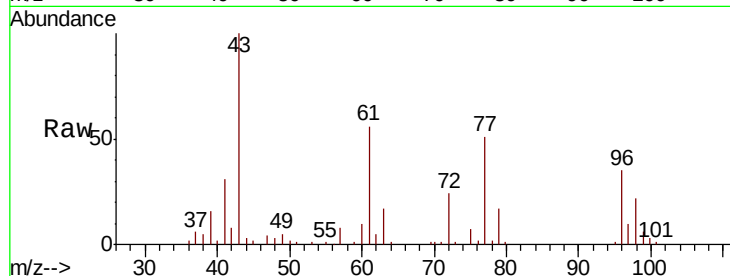
Tot Ion: 96 Resp: 39487

Ion Ratio Lower Upper

96 100

61 165.1 0.0 332.4

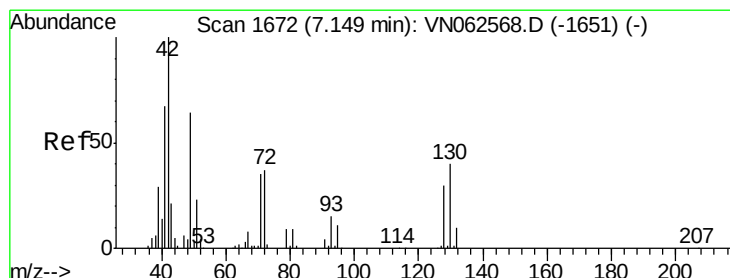
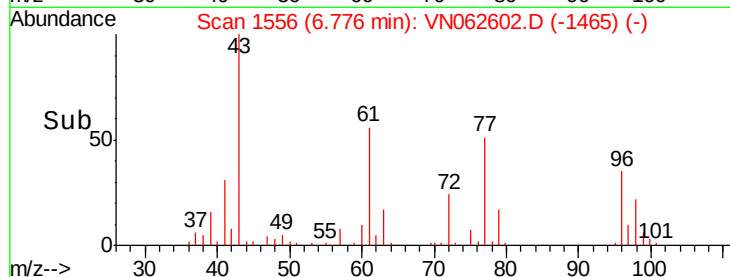
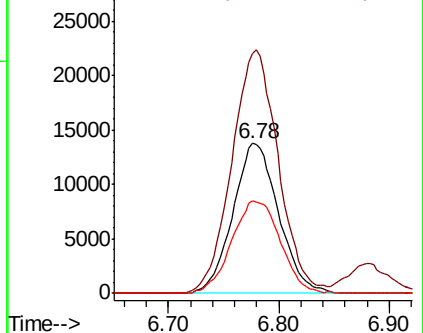
98 65.6 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.420 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

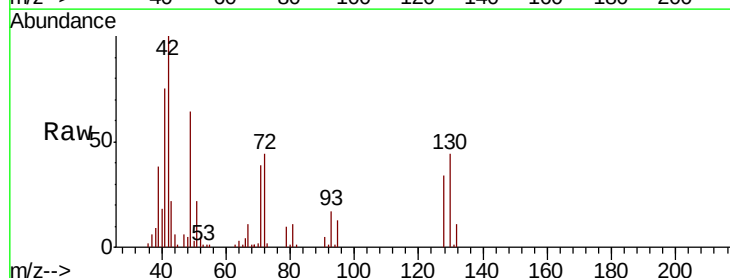
Tgt Ion: 49 Resp: 32752

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.4

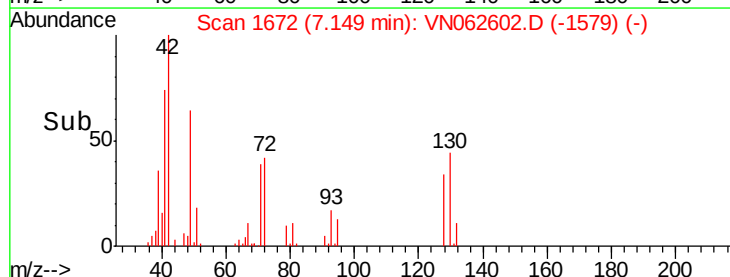
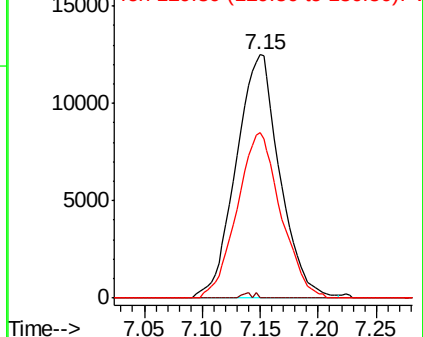
130 67.8 49.8 74.8

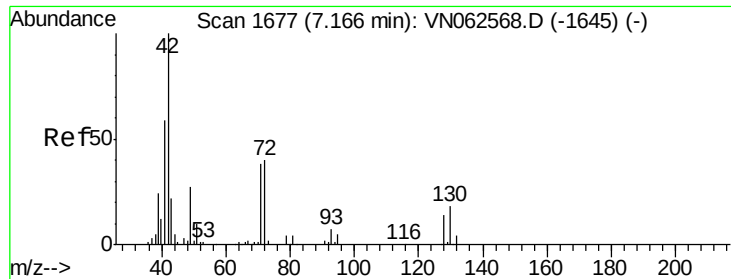


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

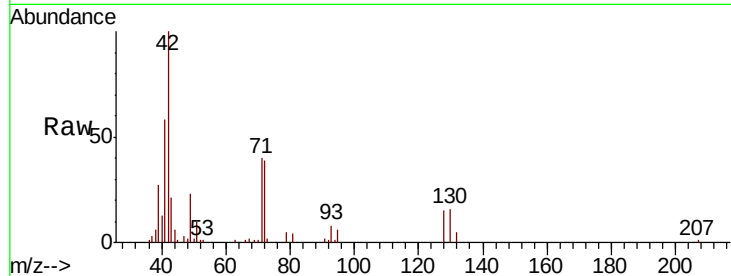




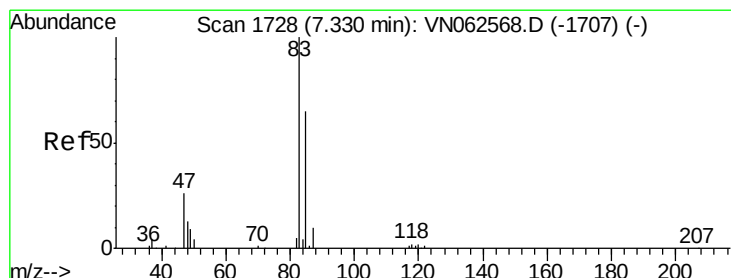
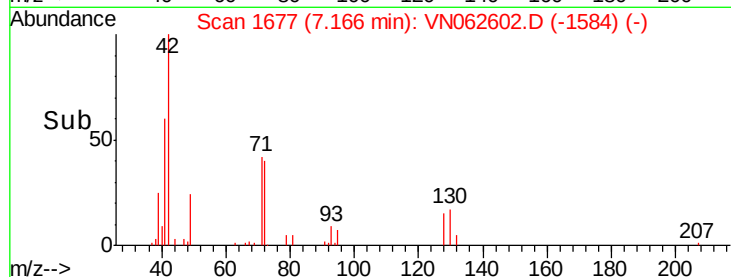
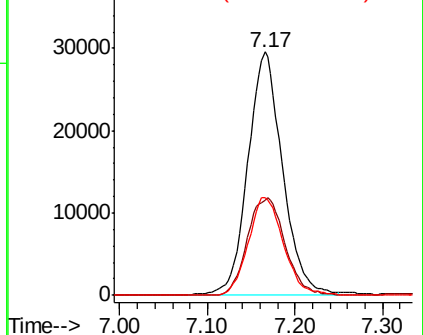
#29
Tetrahydrofuran
Concen: 87.783 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 42 Resp: 81493
Ion Ratio Lower Upper
42 100
72 43.2 30.7 46.1
71 40.6 29.1 43.7

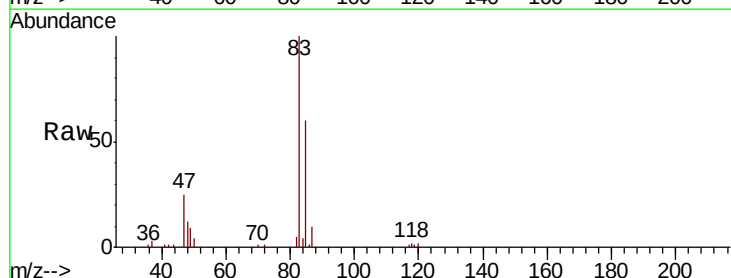


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

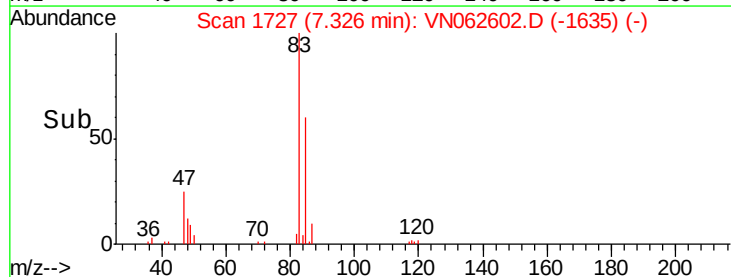
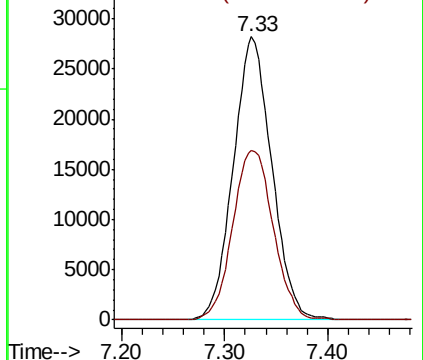


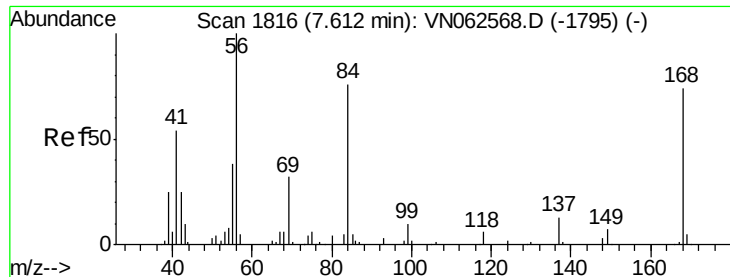
#30
Chloroform
Concen: 20.154 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 83 Resp: 73207
Ion Ratio Lower Upper
83 100
85 60.0 52.0 78.0



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

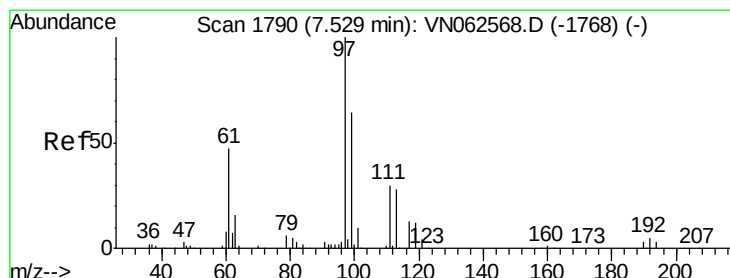
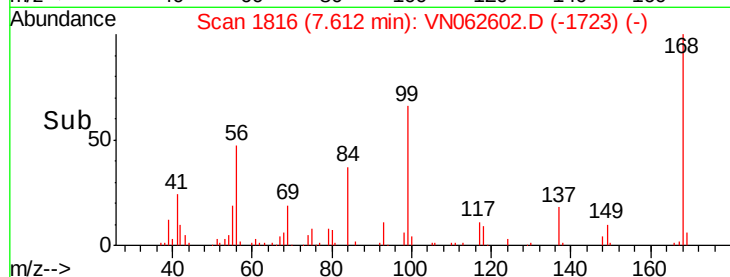
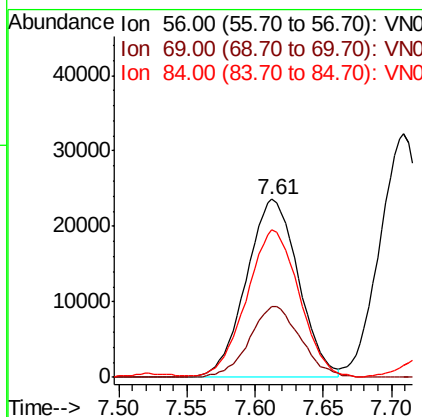
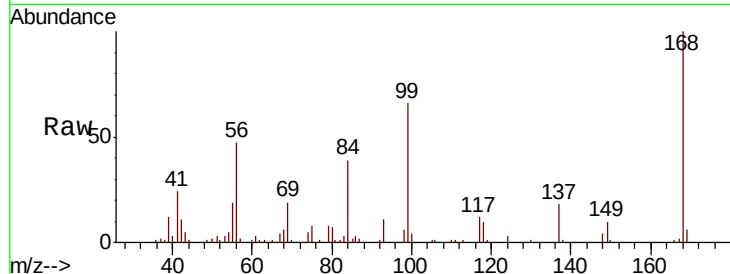




#31
Cyclohexane
Concen: 17.786 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

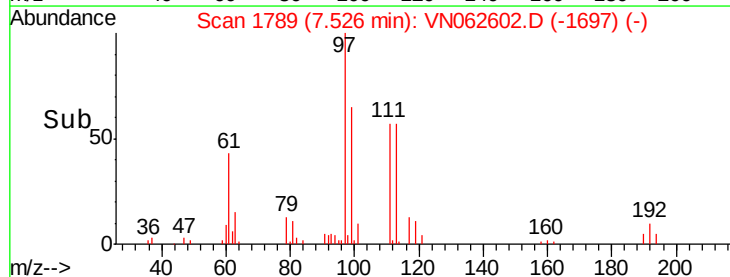
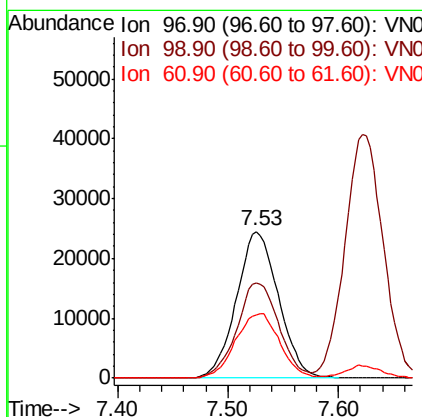
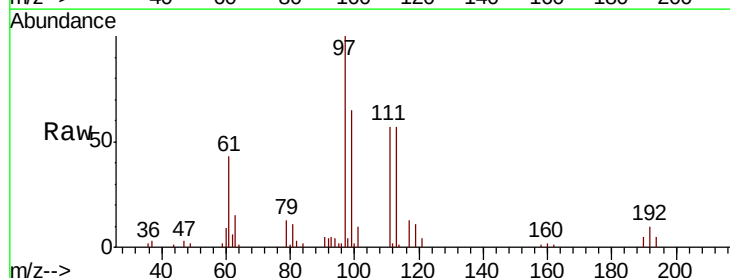
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

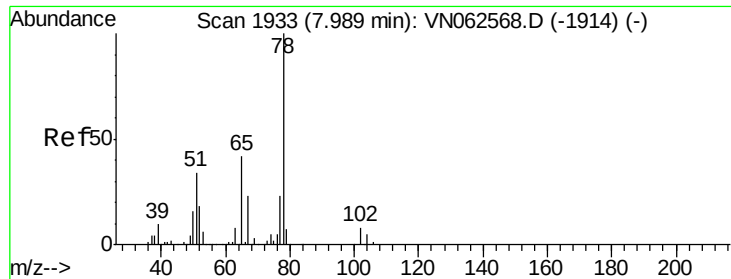
Tot Ion: 56 Resp: 62739
Ion Ratio Lower Upper
56 100
69 39.5 25.3 37.9#
84 81.7 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 21.339 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 97 Resp: 64715
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 46.0 38.4 57.6

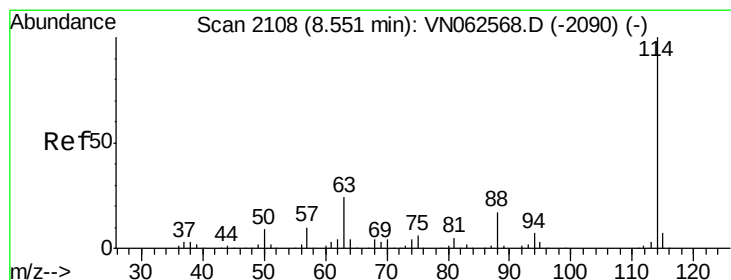
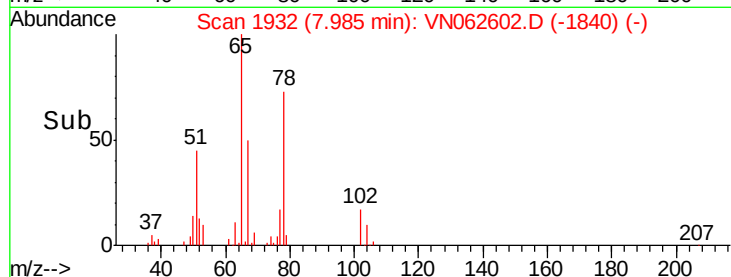
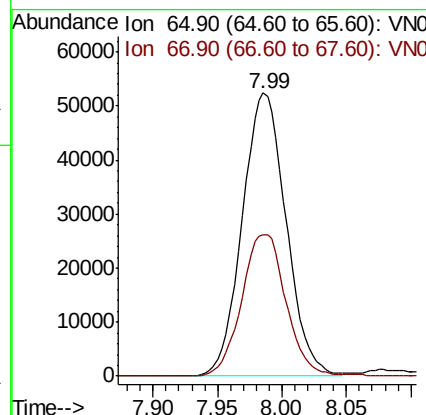
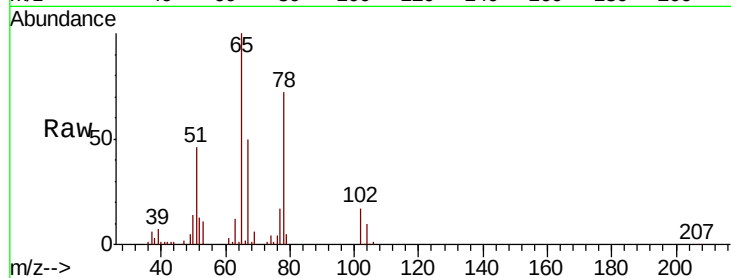




#33
 1,2-Dichloroethane-d4
 Concen: 51.824 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

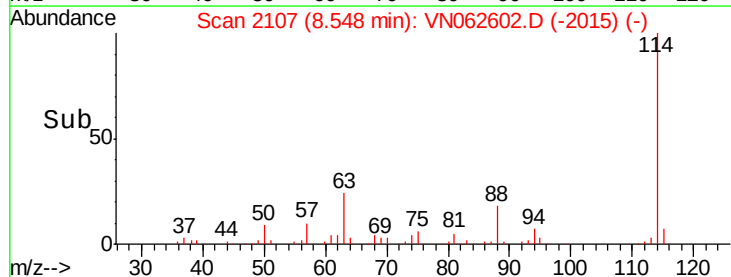
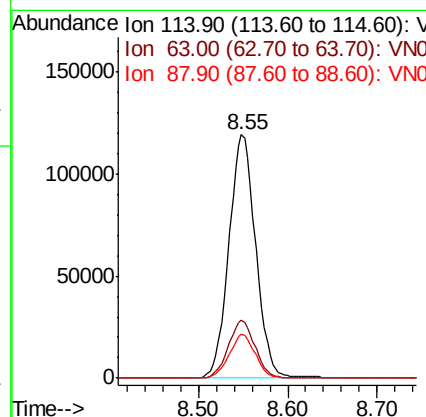
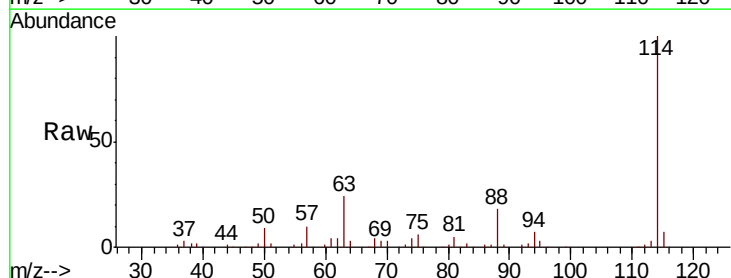
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

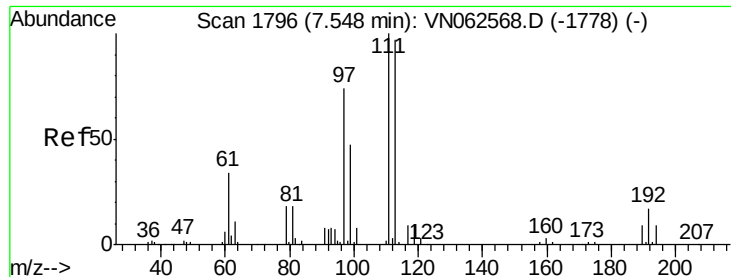
Tot Ion: 65 Resp: 124061
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 114 Resp: 248269
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.4
 88 17.8 0.0 33.8

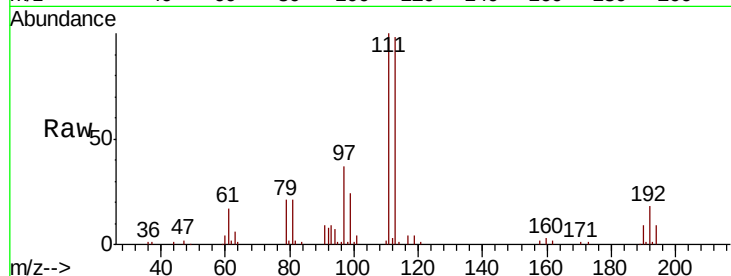




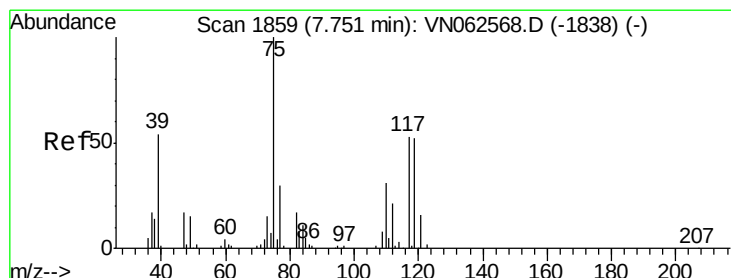
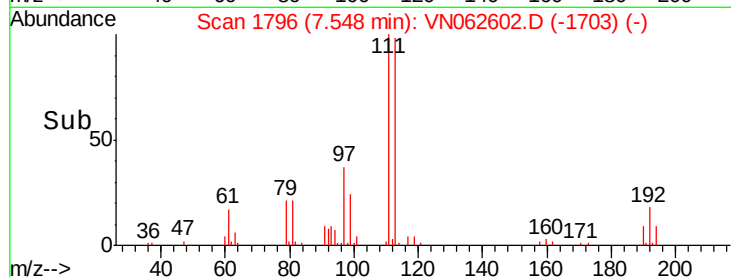
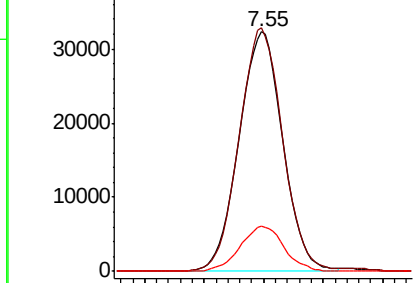
#35
 Dibromofluoromethane
 Concen: 50.398 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion:113 Resp: 82188
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.7 124.1
 192 18.8 14.8 22.2

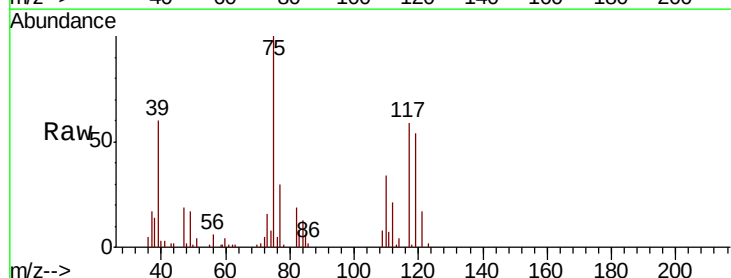


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

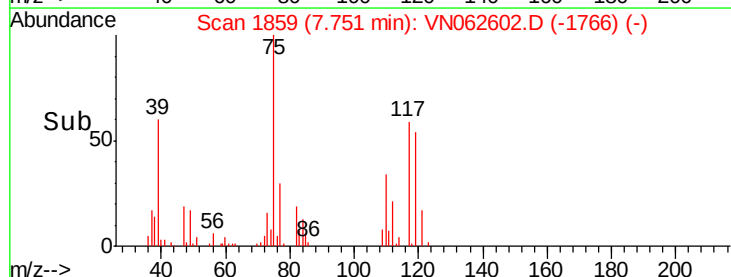
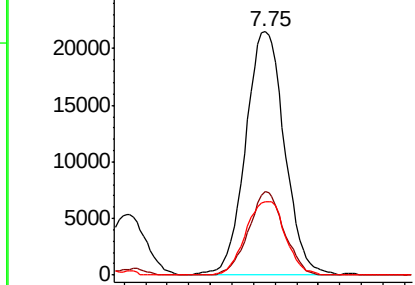


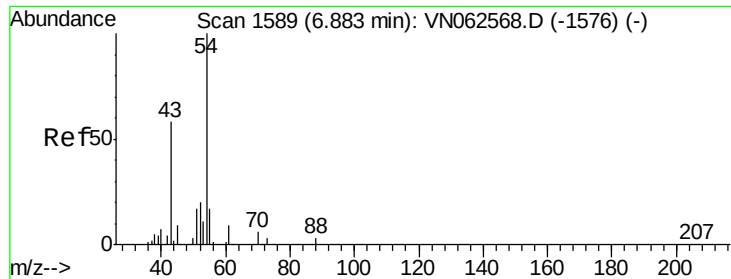
#36
 1,1-Dichloropropene
 Concen: 20.412 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 75 Resp: 54016
 Ion Ratio Lower Upper
 75 100
 110 31.3 16.0 48.0
 77 30.7 24.6 36.8



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

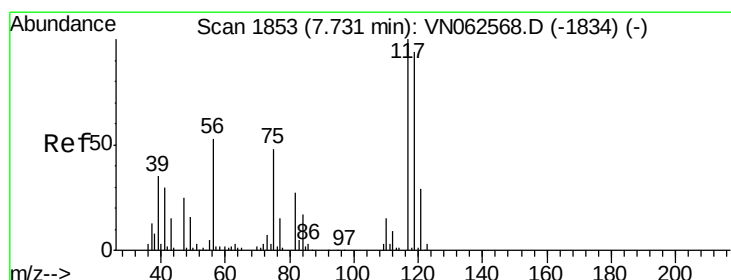
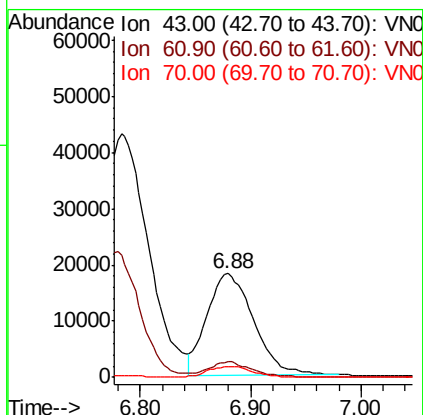
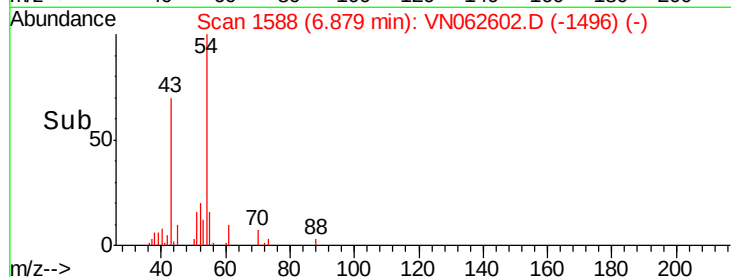
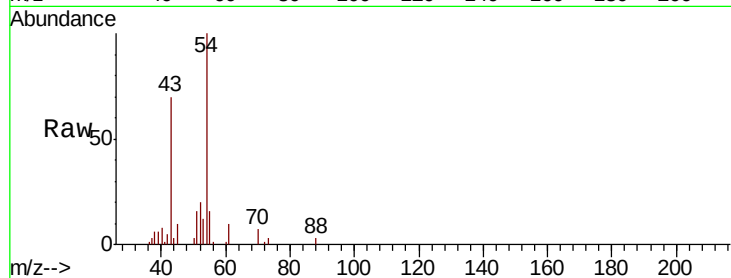




#37
Ethyl Acetate
Concen: 18.830 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

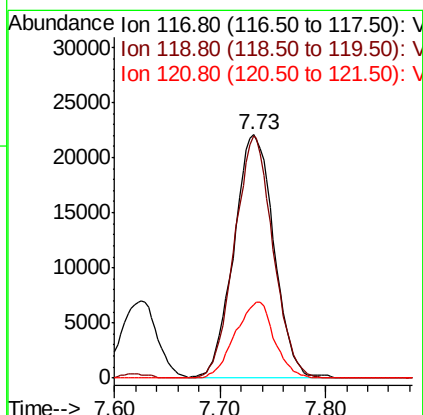
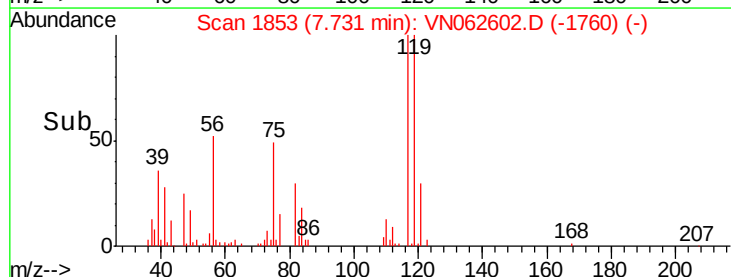
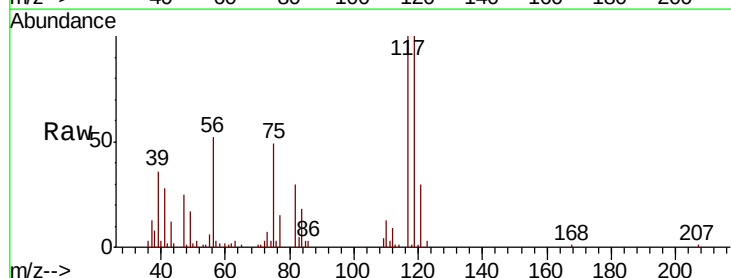
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

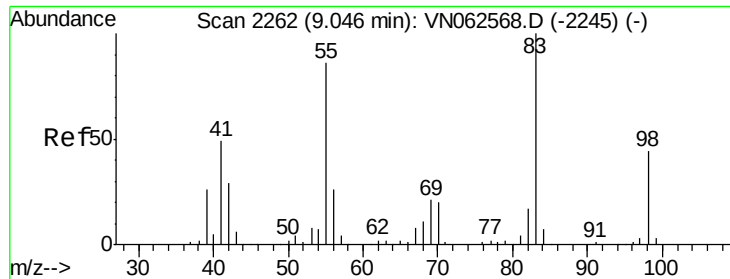
Tot Ion: 43 Resp: 53715
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 22.929 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 117 Resp: 58324
Ion Ratio Lower Upper
117 100
119 99.7 74.8 112.2
121 29.9 23.0 34.6

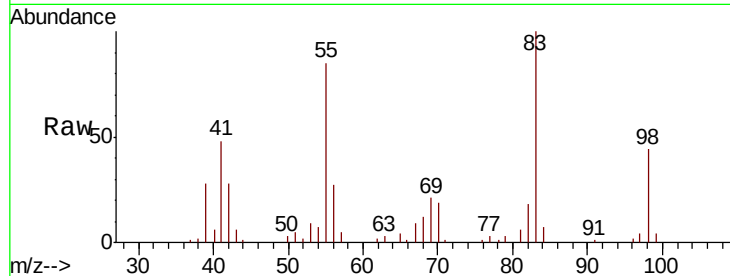




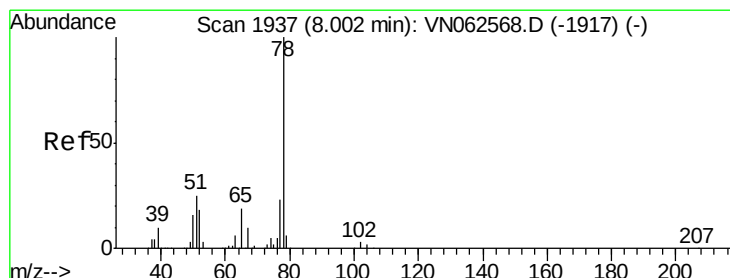
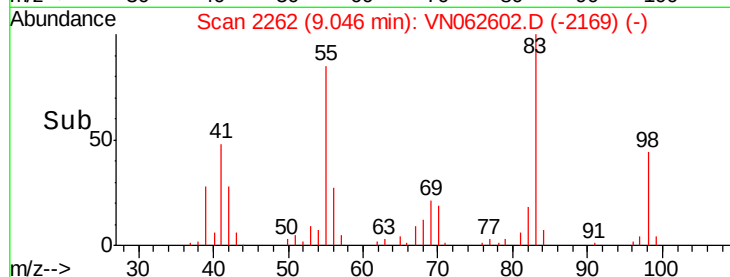
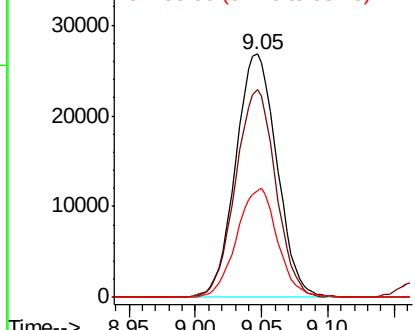
#39
Methylvlcyclohexane
Concen: 20.309 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 83 Resp: 57853
Ion Ratio Lower Upper
83 100
55 85.4 68.9 103.3
98 44.0 35.1 52.7

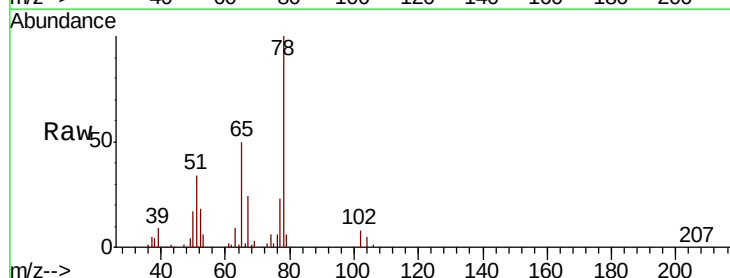


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

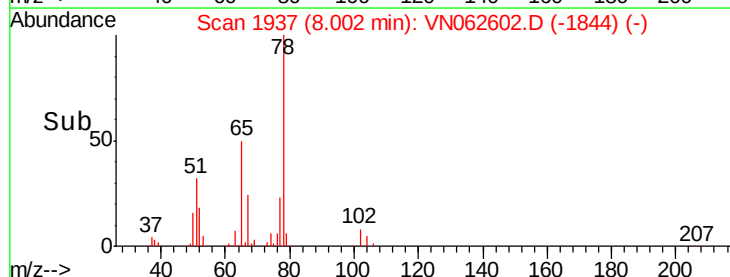
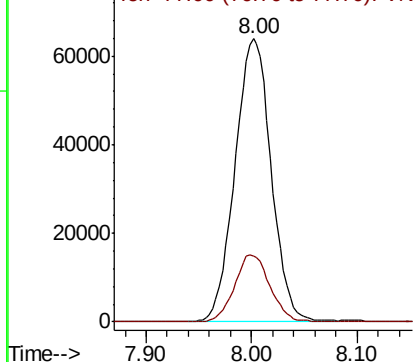


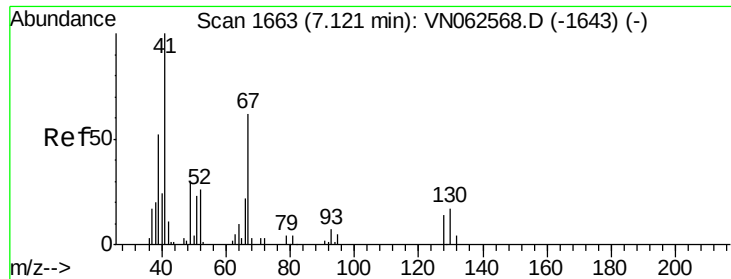
#40
Benzene
Concen: 19.006 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 78 Resp: 152267
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1



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

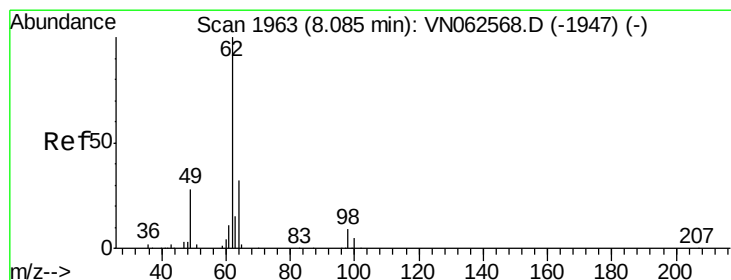
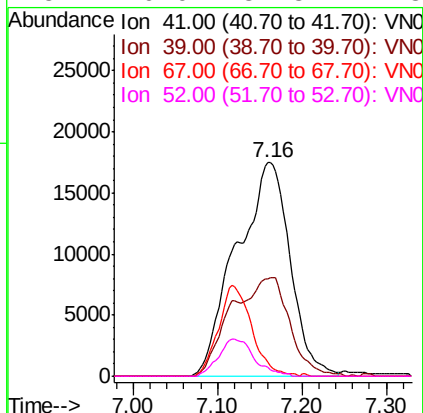
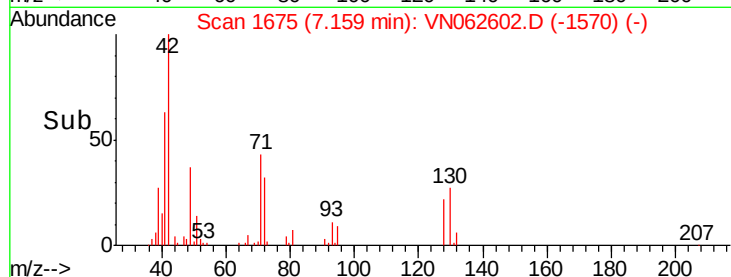
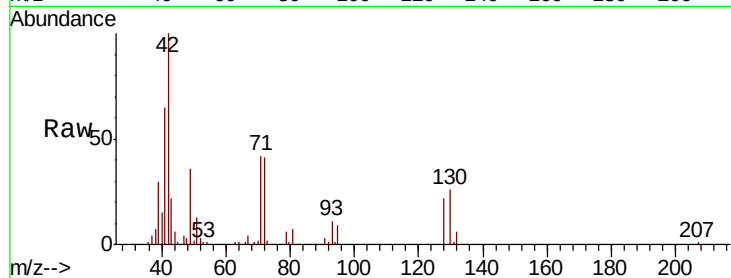




#41
Methacrylonitrile
Concen: 62.993 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

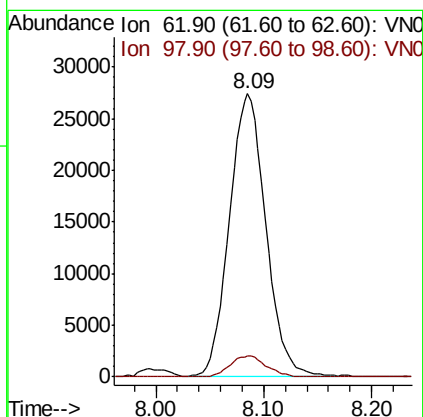
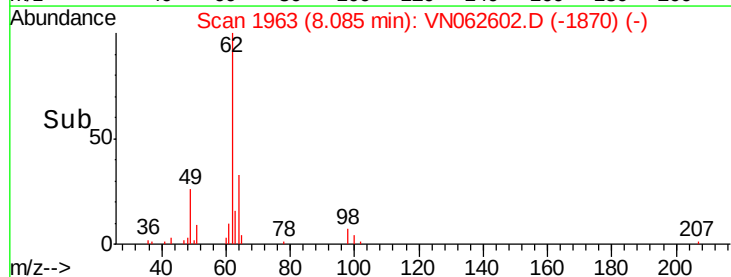
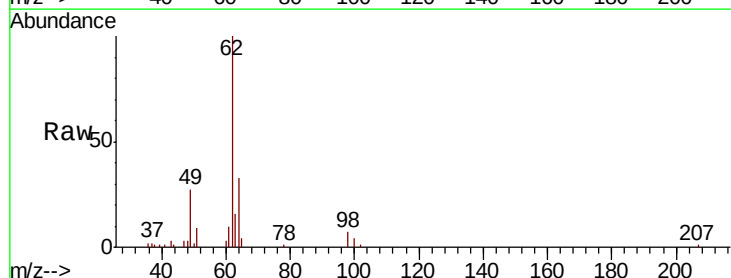
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

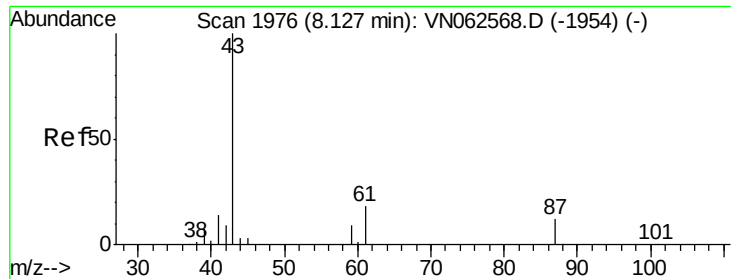
Tot Ion: 41 Resp: 77012
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 72.5 108.7#
52 0.0 31.8 47.8#



#42
1,2-Dichloroethane
Concen: 22.081 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 62 Resp: 64675
Ion Ratio Lower Upper
62 100
98 7.2 0.0 16.2





#43

Isopropyl Acetate

Concen: 19.212 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

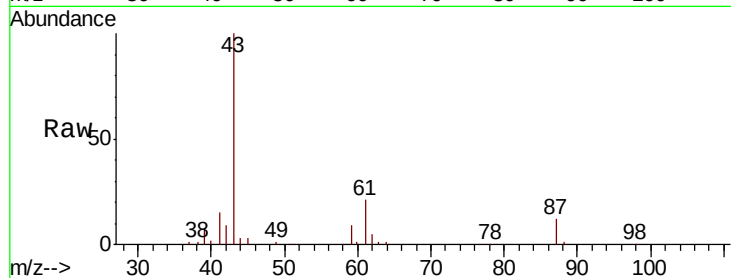
Tot Ion: 43 Resp: 88345

Ion Ratio Lower Upper

43 100

61 27.0 20.8 31.2

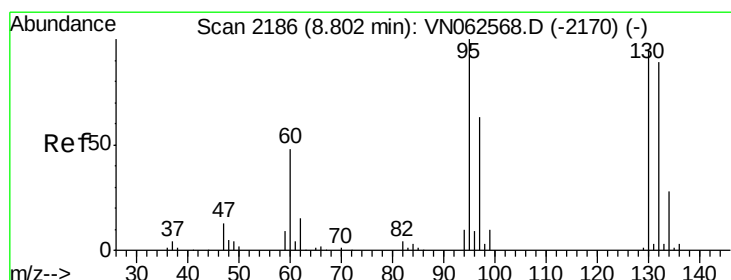
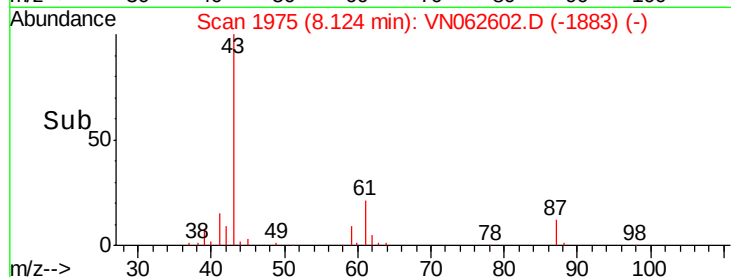
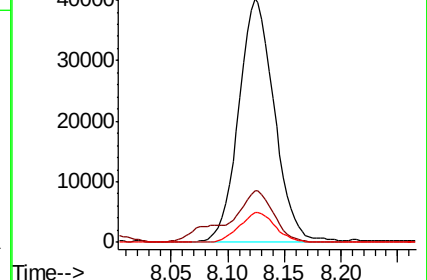
87 12.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 20.463 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062602.D

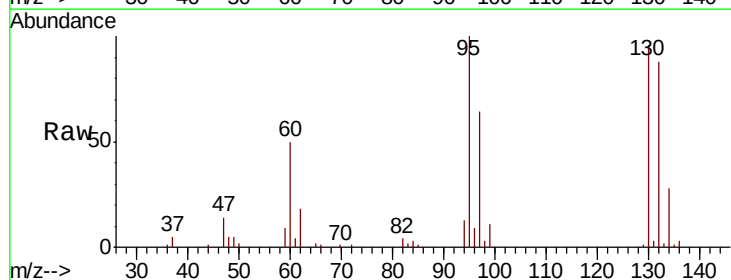
Acq: 27 Jul 2020 16:48

Tgt Ion:130 Resp: 36970

Ion Ratio Lower Upper

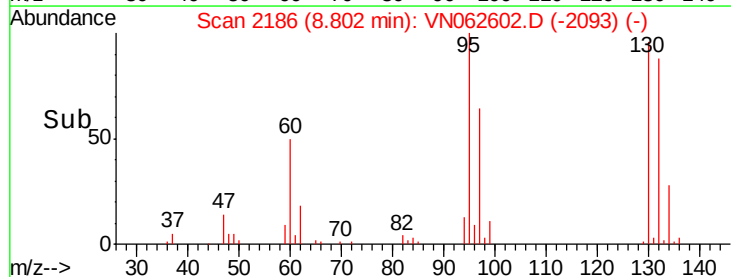
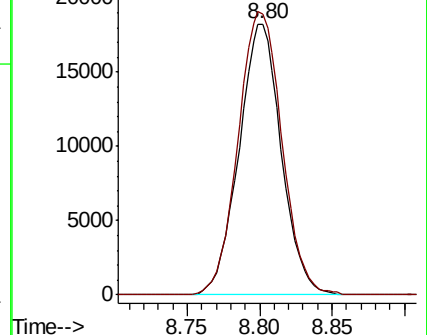
130 100

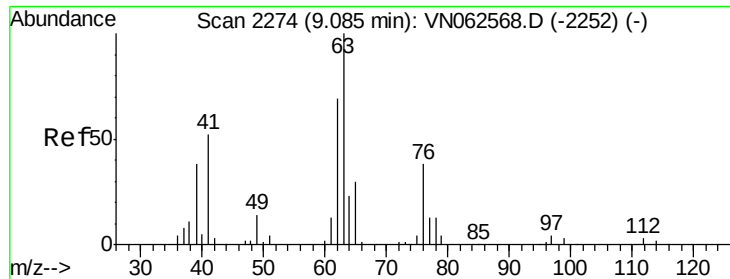
95 103.7 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

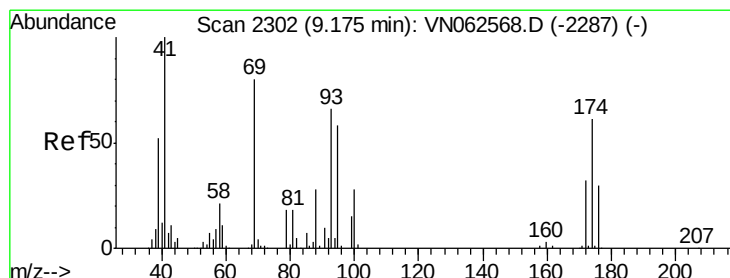
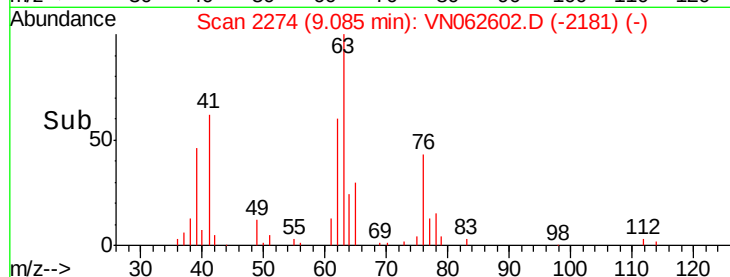
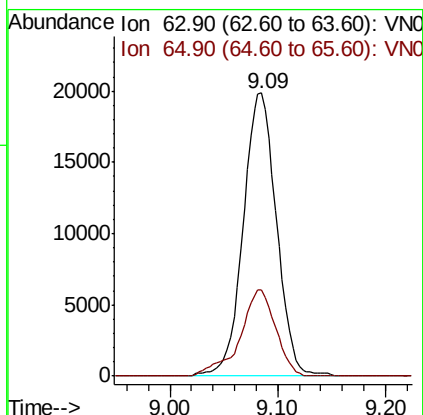
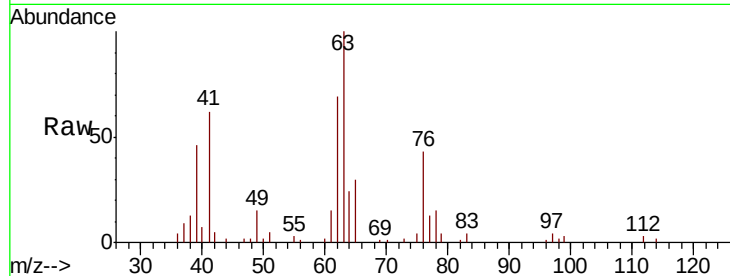




#45
 1,2-Dichloropropane
 Concen: 18.929 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

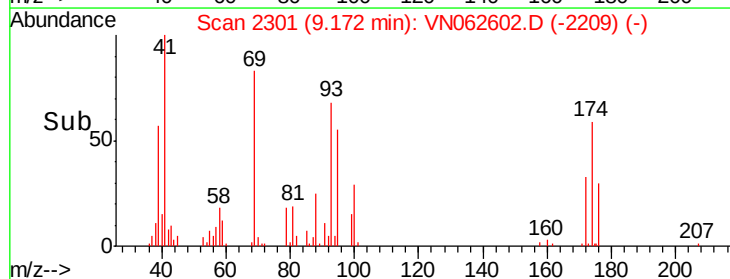
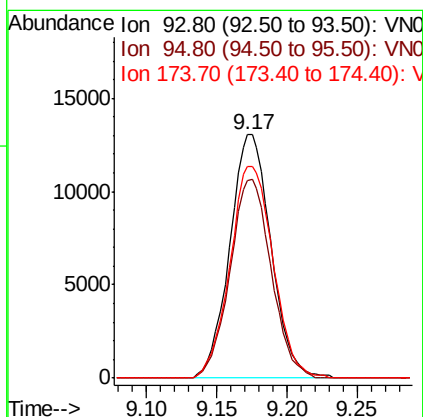
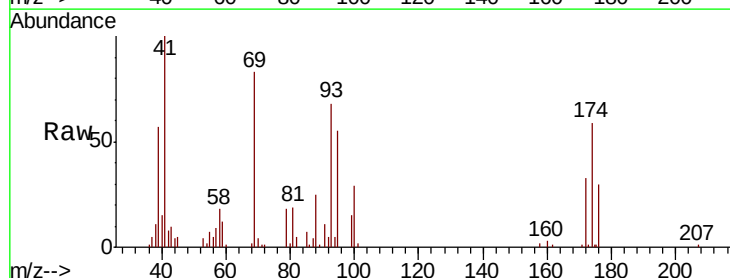
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

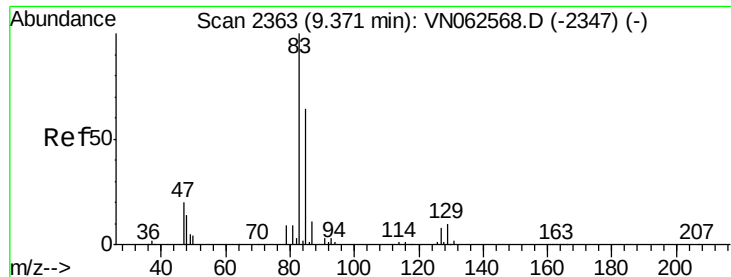
Tot Ion: 63 Resp: 42578
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6



#46
 Dibromomethane
 Concen: 20.542 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 93 Resp: 26707
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.6 101.4
 174 90.9 72.5 108.7

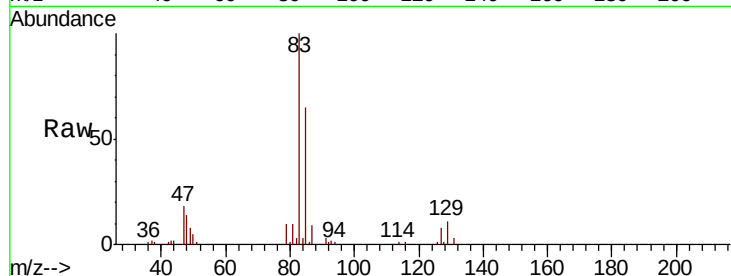




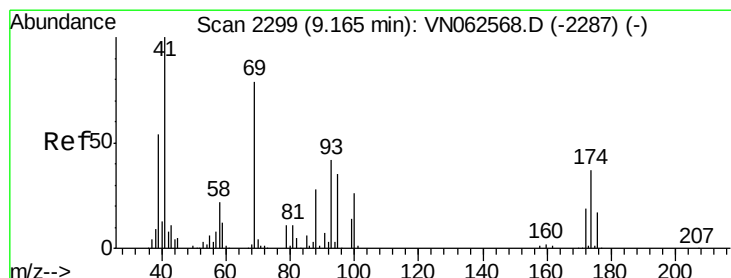
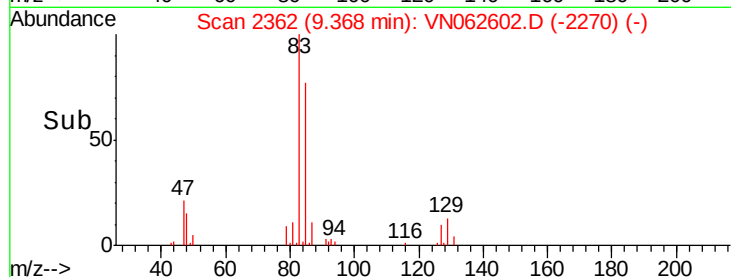
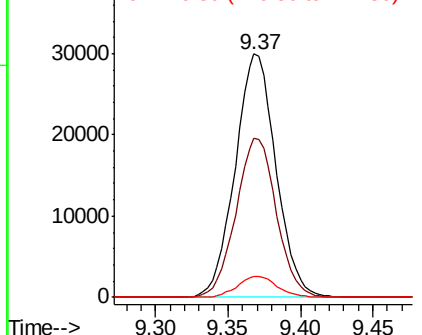
#47
Bromodichloromethane
Concen: 20.786 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	83	Resp	58547
Ion Ratio	100		
Lower	51.6		
Upper	77.4		
85	65.2		
127	8.4		

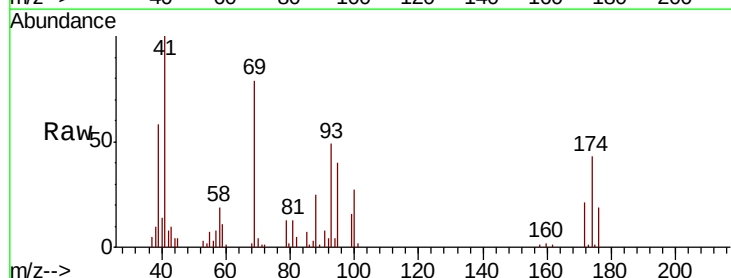


Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)

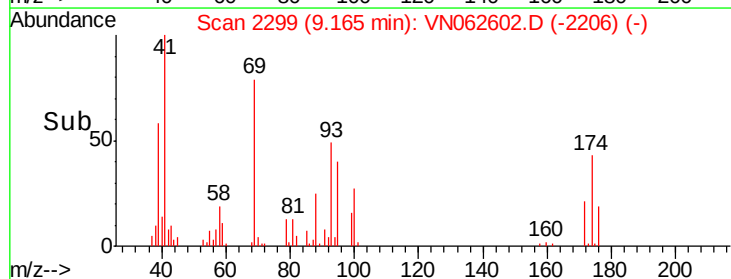
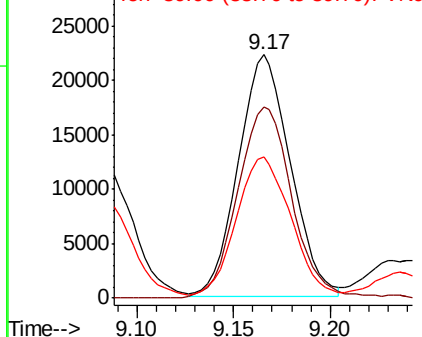


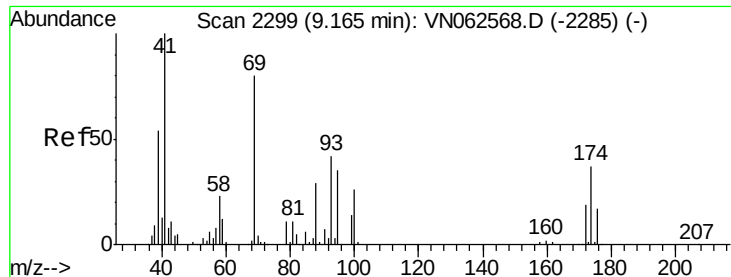
#48
Methyl methacrylate
Concen: 19.046 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	41	Resp	41635
Ion Ratio	100		
Lower	64.4		
Upper	96.6		
69	82.4		
39	62.0		



Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)

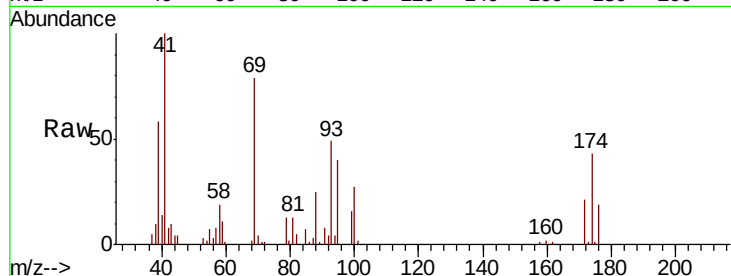




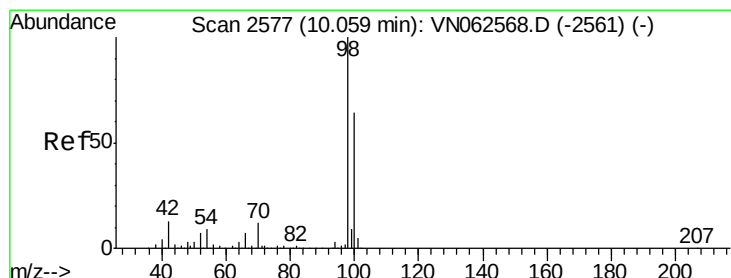
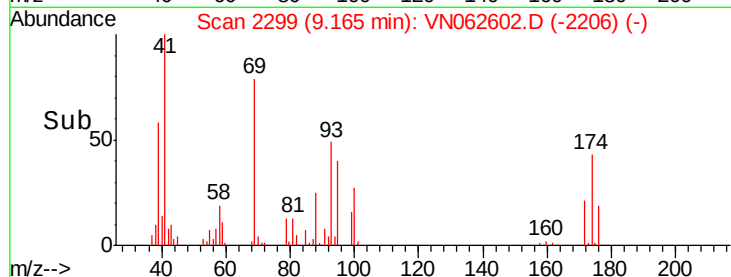
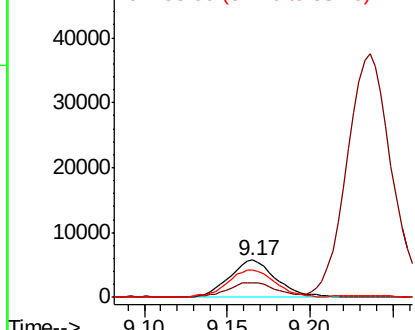
#49
1,4-Dioxane
Concen: 332.726 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 88 Resp: 11171
Ion Ratio Lower Upper
88 100
43 41.3 32.0 48.0
58 75.0 62.8 94.2

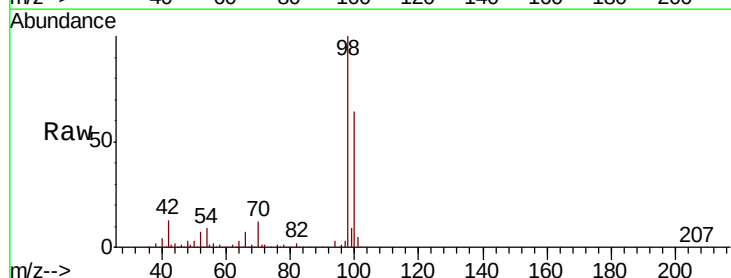


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

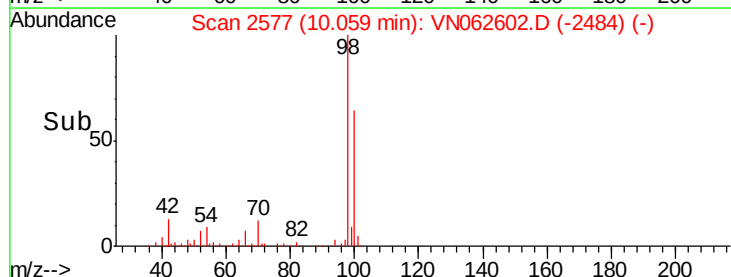
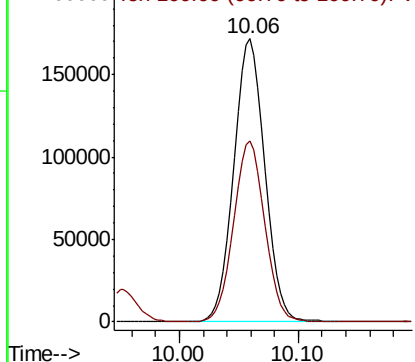


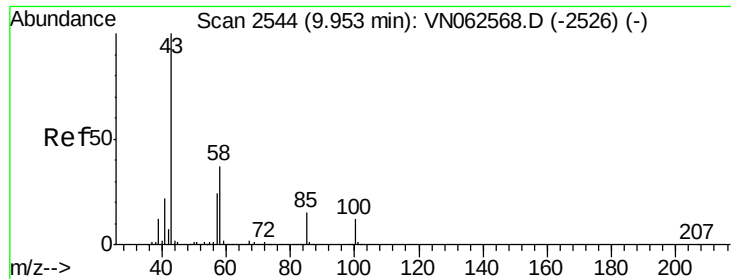
#50
Toluene-d8
Concen: 47.738 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 98 Resp: 310615
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



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

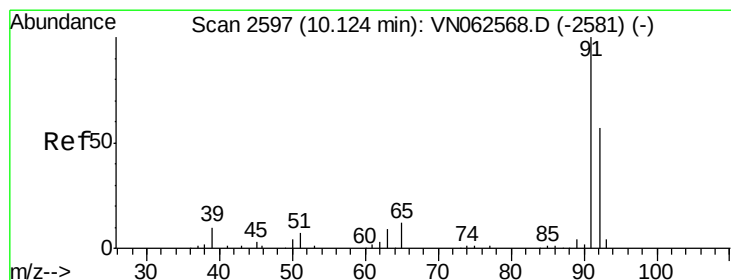
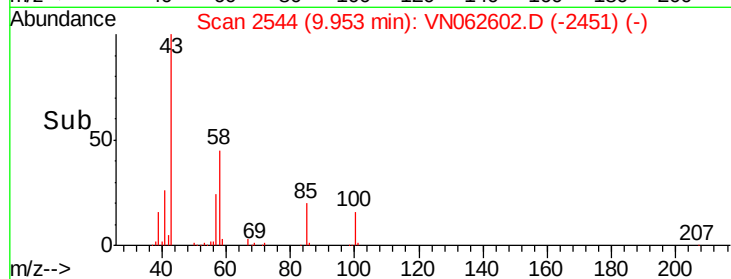
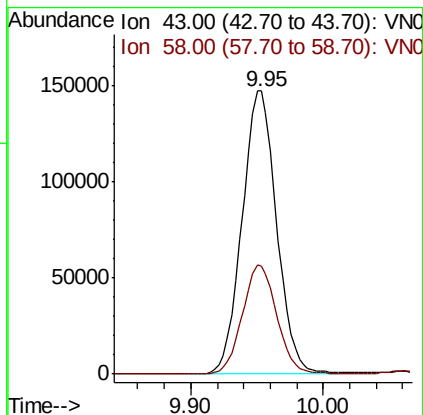
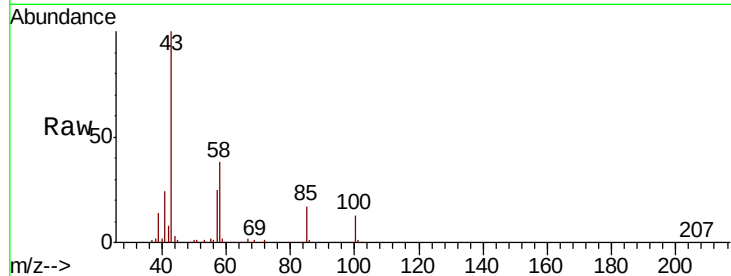




#51
 4-Methyl-2-Pentanone
 Concen: 96.703 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

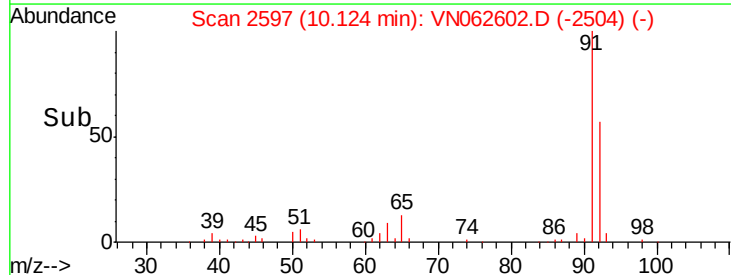
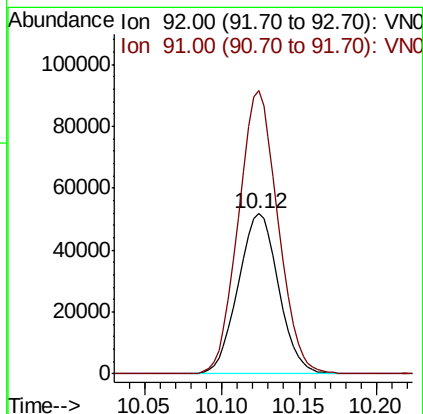
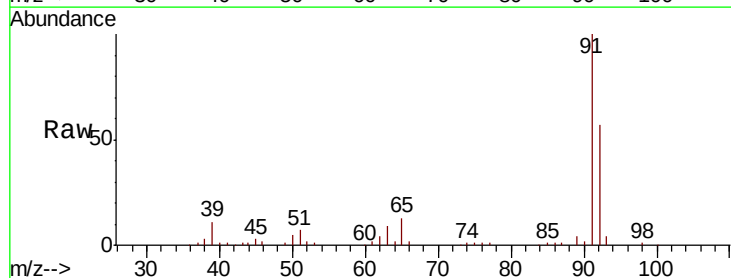
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

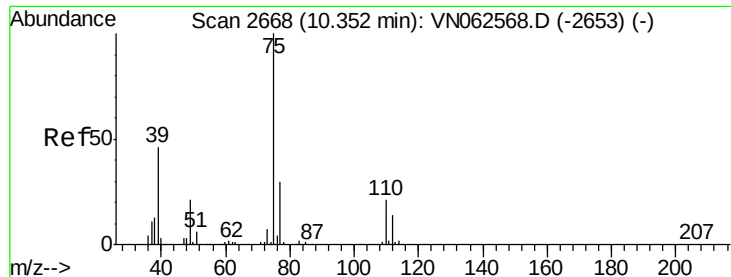
Tot Ion: 43 Resp: 266076
 Ion Ratio Lower Upper
 43 100
 58 38.4 29.8 44.6



#52
 Toluene
 Concen: 20.251 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 92 Resp: 94208
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 21.040 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

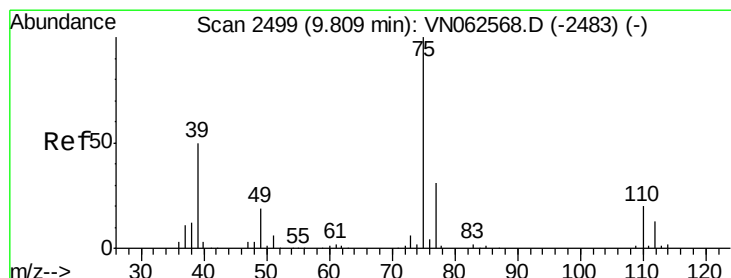
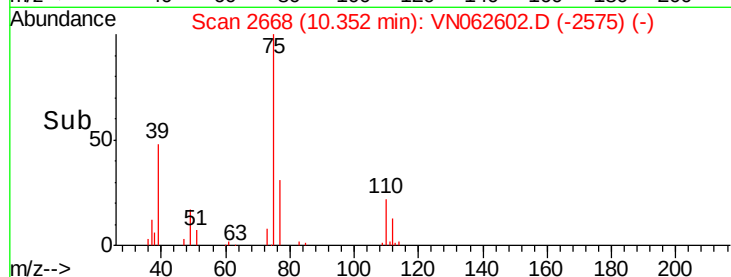
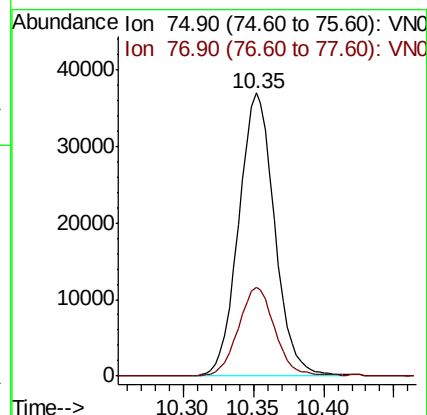
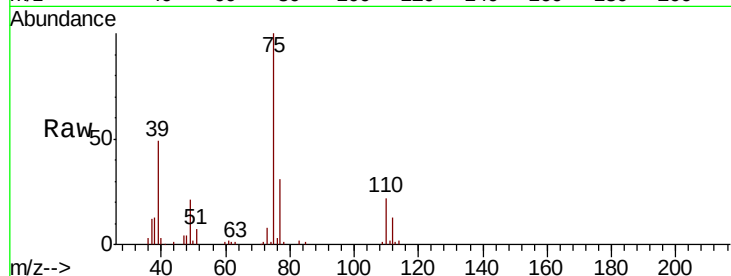
VN0727WBSD01

Tot Ion: 75 Resp: 65970

Ion Ratio Lower Upper

75 100

77 31.3 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 20.378 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

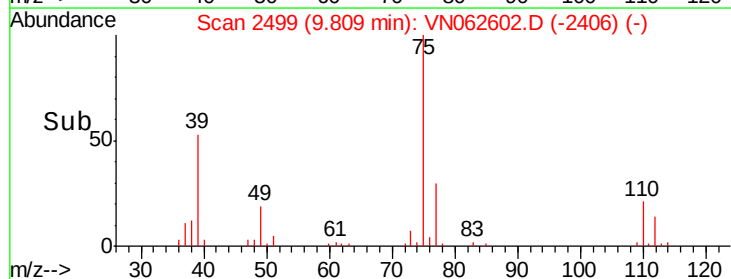
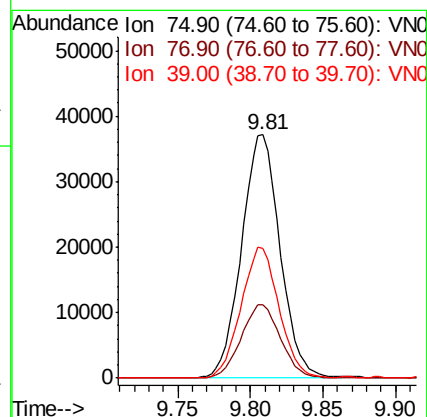
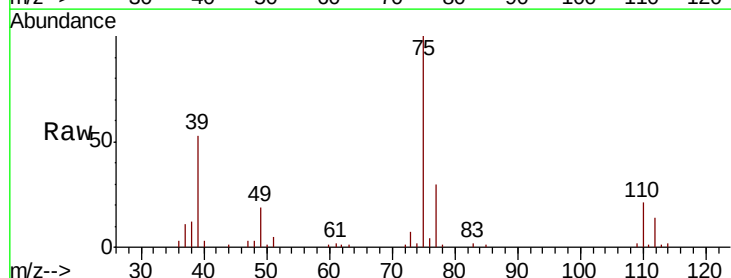
Tgt Ion: 75 Resp: 68563

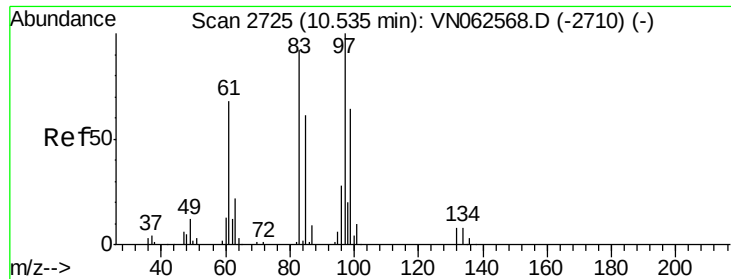
Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.6

39 53.5 39.8 59.8



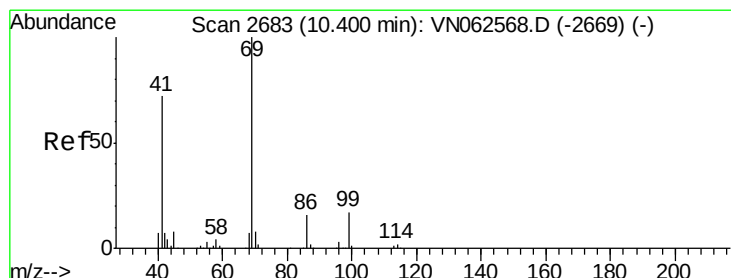
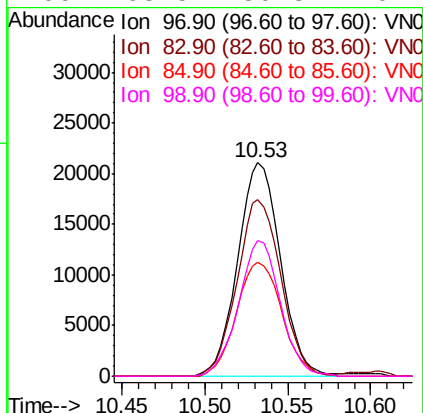
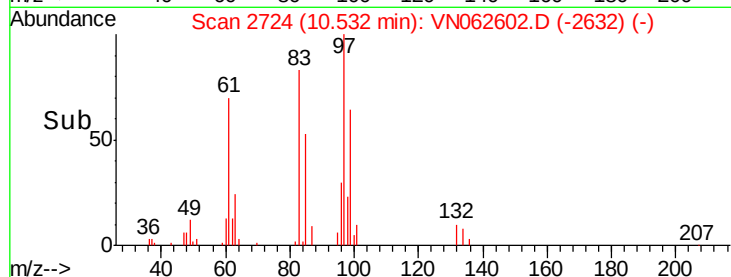
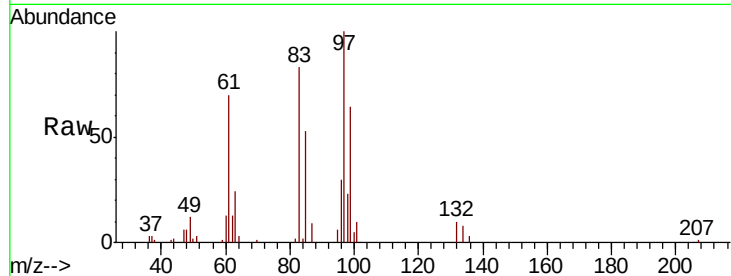


#55
 1,1,2-Trichloroethane
 Concen: 20.996 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion: 97 Resp: 37887

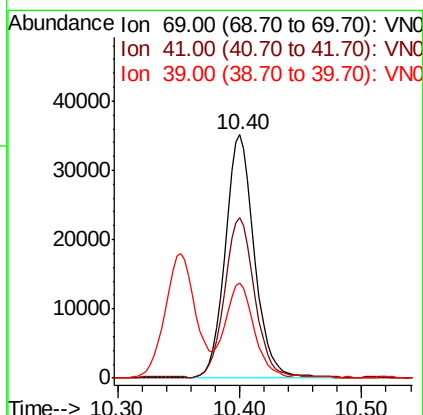
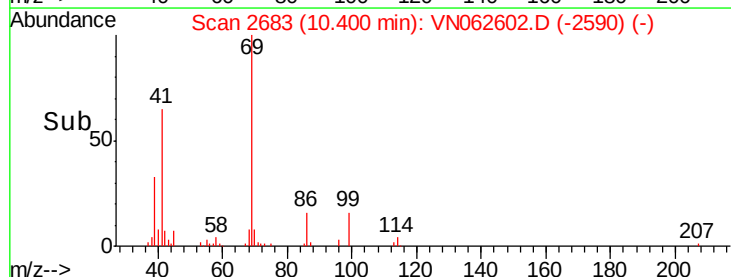
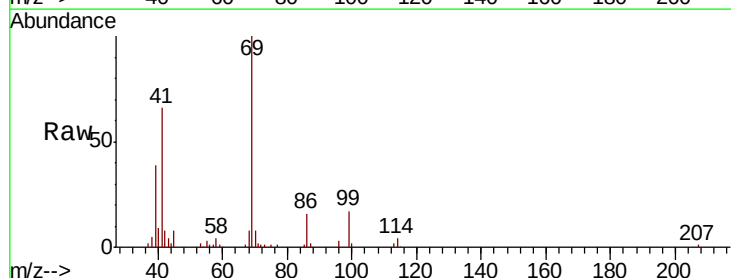
Ion	Ratio	Lower	Upper
97	100		
83	82.9	73.7	110.5
85	53.1	48.5	72.7
99	63.5	50.8	76.2

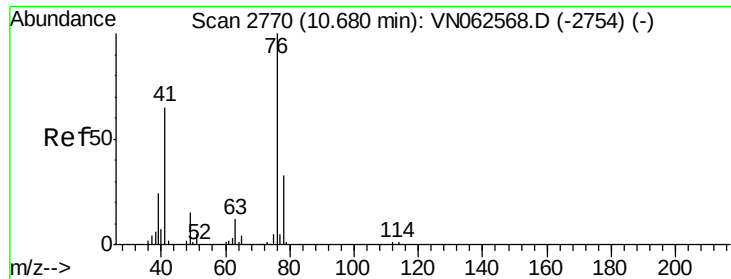


#56
 Ethyl methacrylate
 Concen: 19.296 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 69 Resp: 58874

Ion	Ratio	Lower	Upper
69	100		
41	68.4	57.2	85.8
39	38.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.660 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampled :

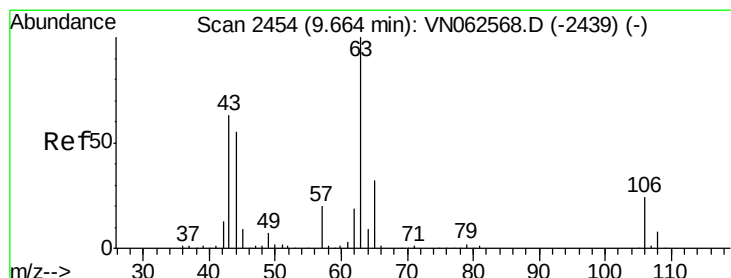
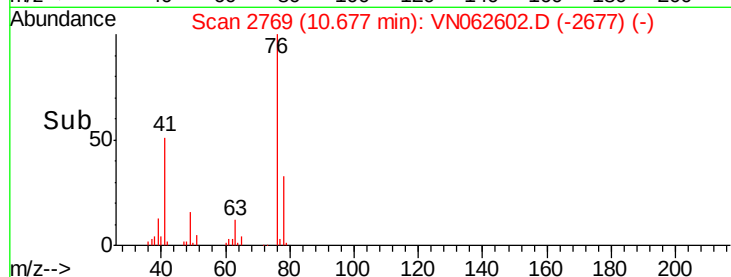
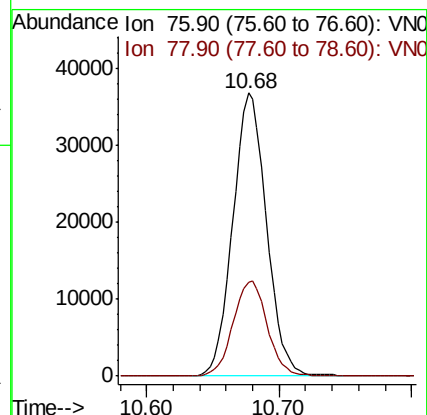
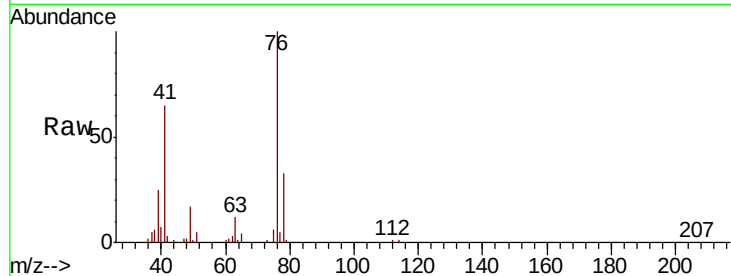
VN0727WBSD01

Tot Ion: 76 Resp: 64994

Ion Ratio Lower Upper

76 100

78 34.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 92.877 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062602.D

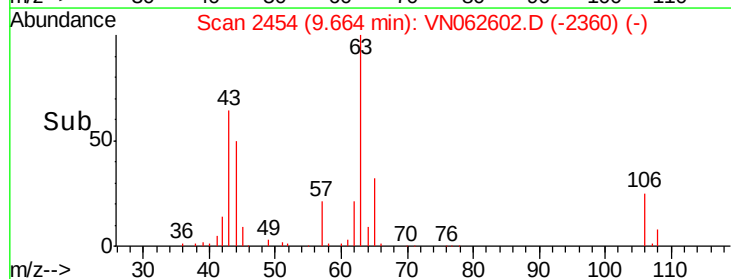
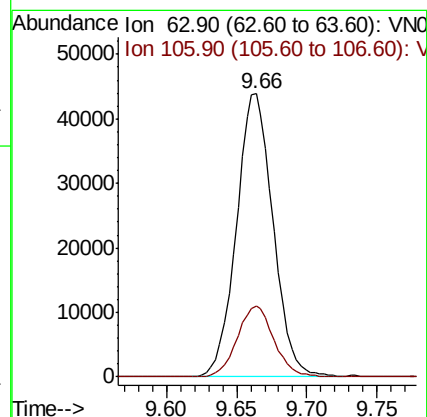
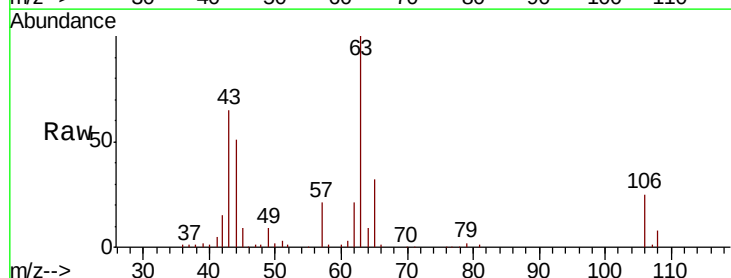
Acq: 27 Jul 2020 16:48

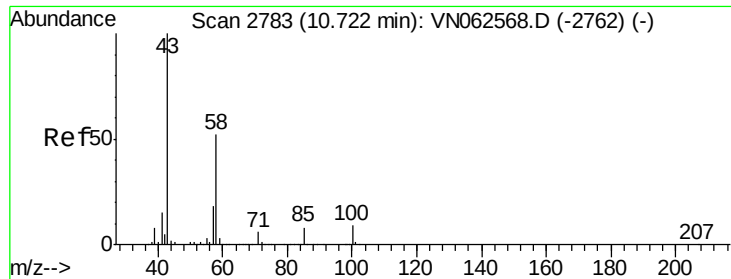
Tgt Ion: 63 Resp: 79719

Ion Ratio Lower Upper

63 100

106 25.0 18.9 28.3

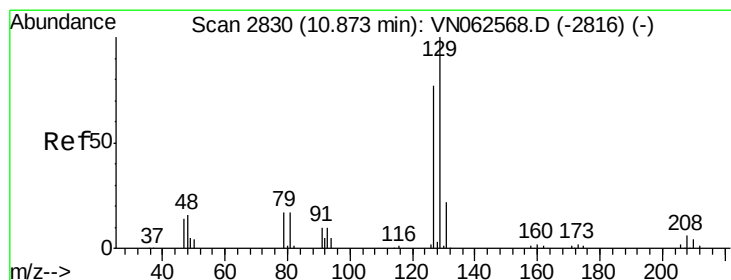
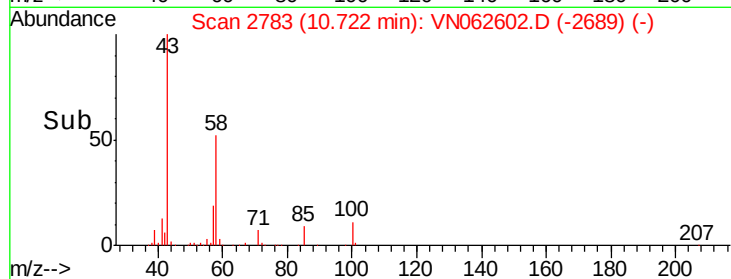
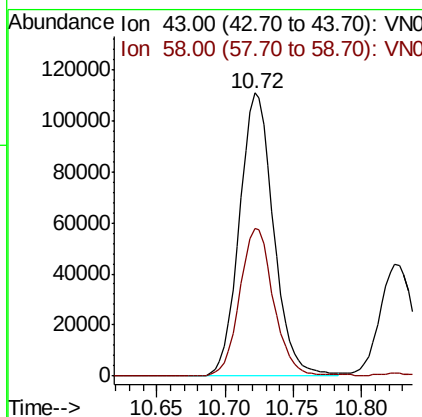
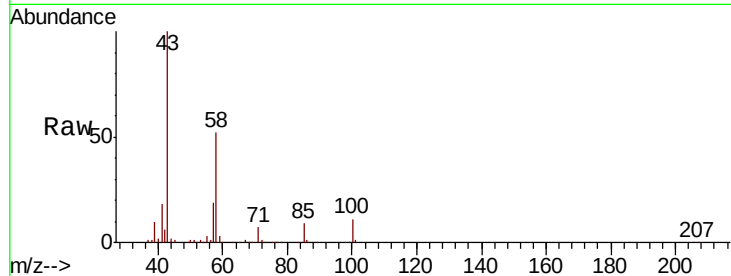




#59
2-Hexanone
Concen: 92.588 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

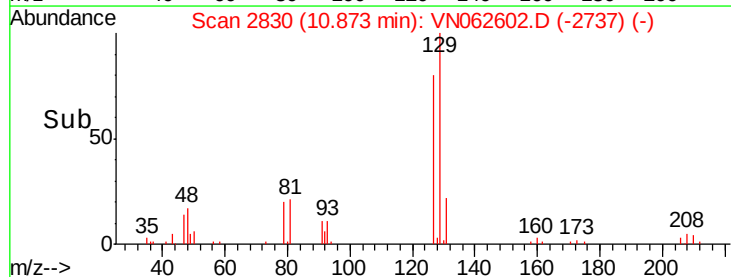
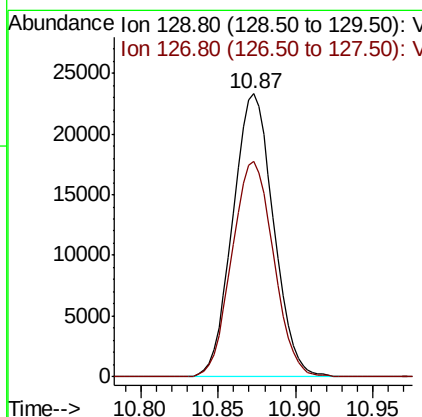
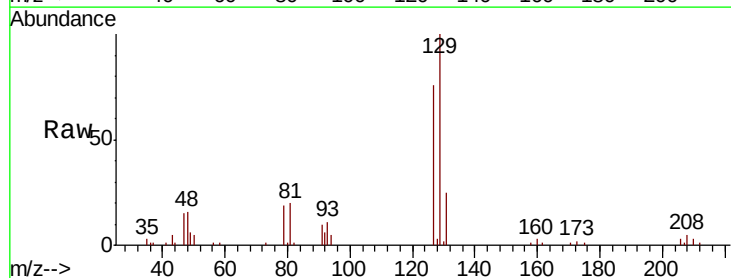
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

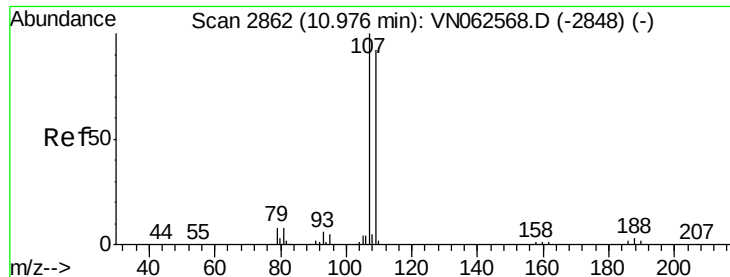
Tot Ion: 43 Resp: 193006
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0



#60
Dibromochloromethane
Concen: 21.227 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion:129 Resp: 42732
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9

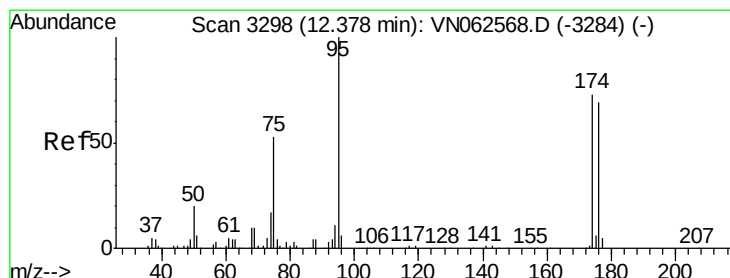
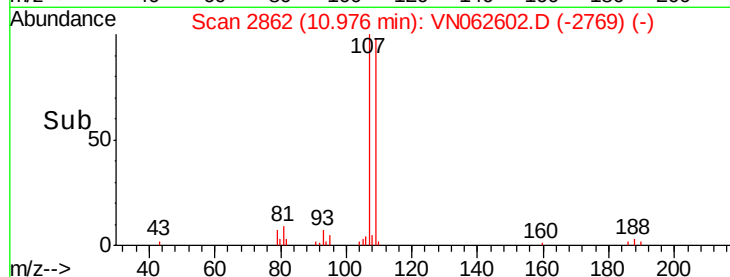
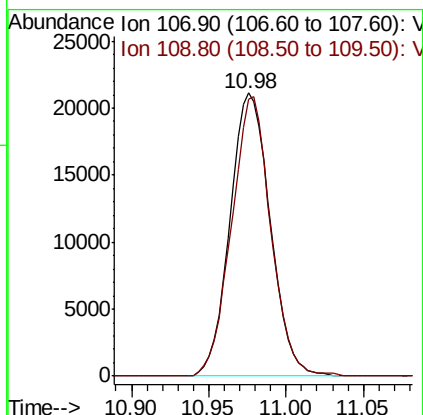
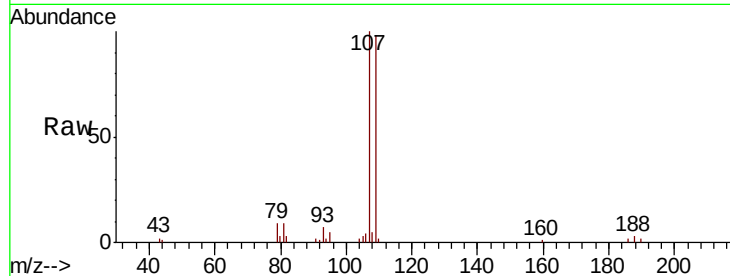




#61
 1,2-Dibromoethane
 Concen: 20.253 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

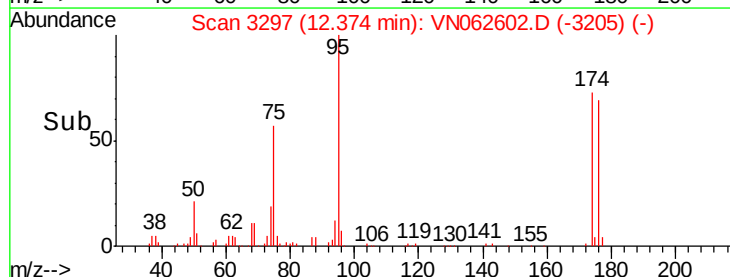
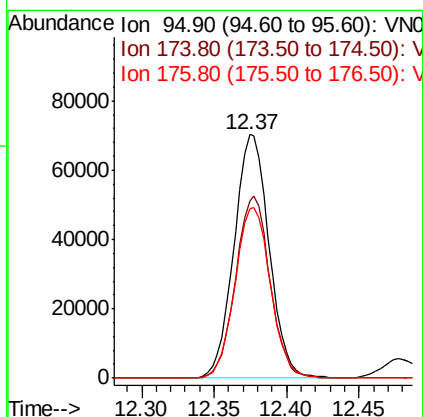
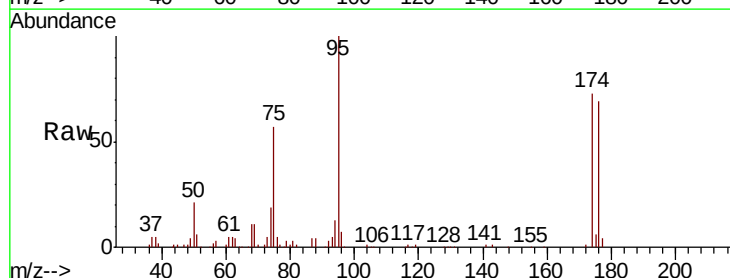
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

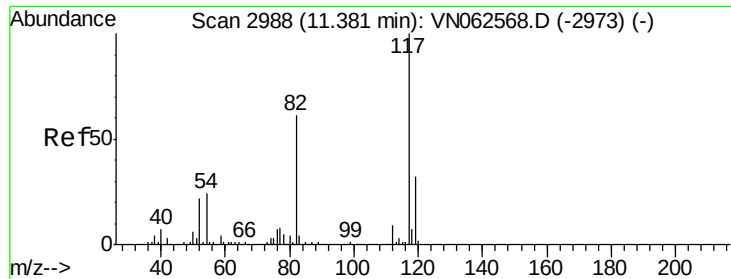
Tot Ion:107 Resp: 38055
 Ion Ratio Lower Upper
 107 100
 109 96.4 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 49.579 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 95 Resp: 117954
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 144.6
 176 70.9 0.0 139.4

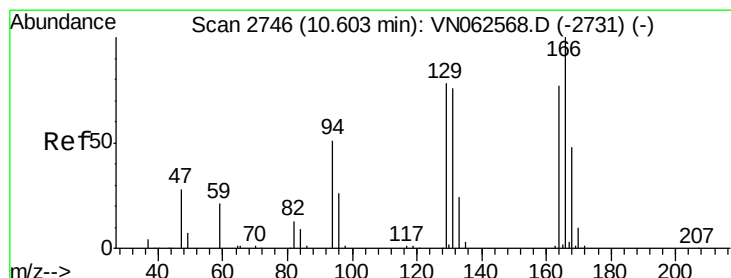
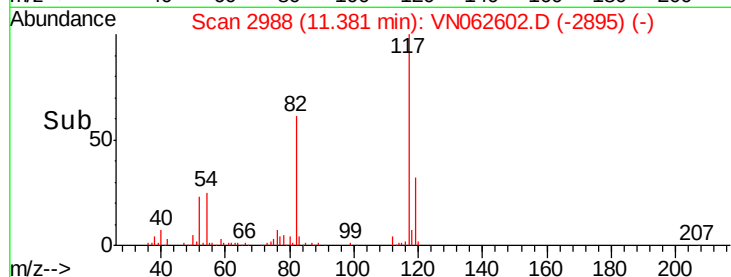
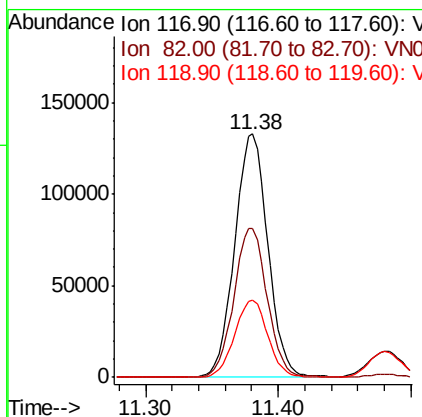
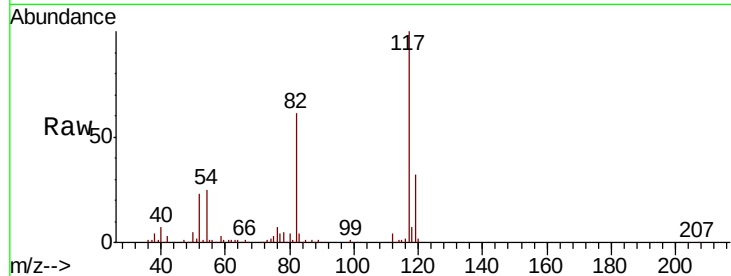




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

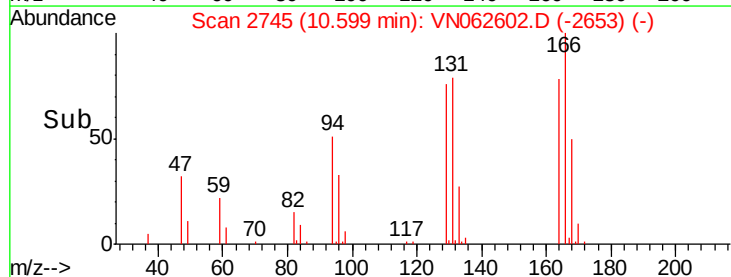
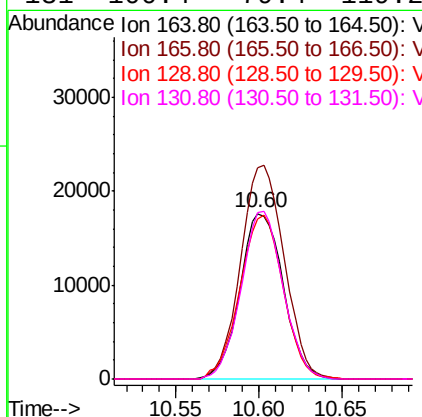
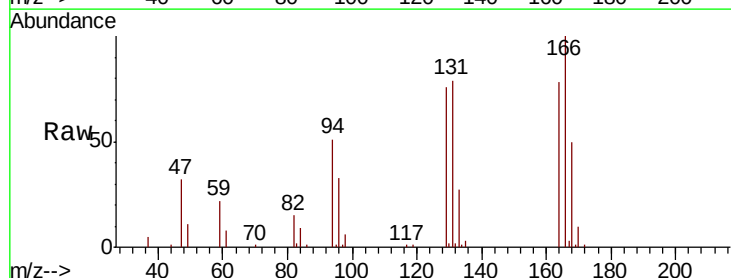
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

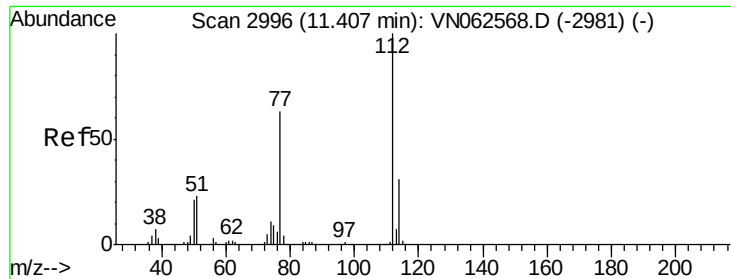
Tot Ion:117 Resp: 230320
Ion Ratio Lower Upper
117 100
82 60.9 49.0 73.6
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 21.381 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion:164 Resp: 31996
Ion Ratio Lower Upper
164 100
166 127.8 104.4 156.6
129 96.7 81.0 121.4
131 100.4 79.4 119.2

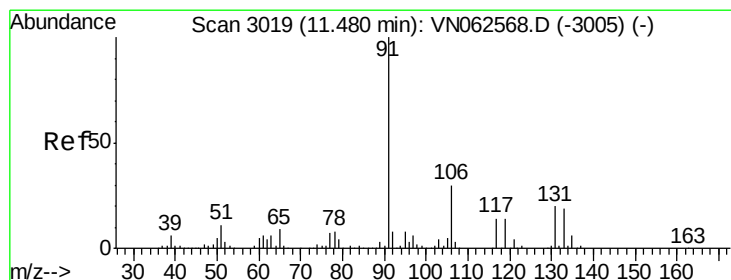
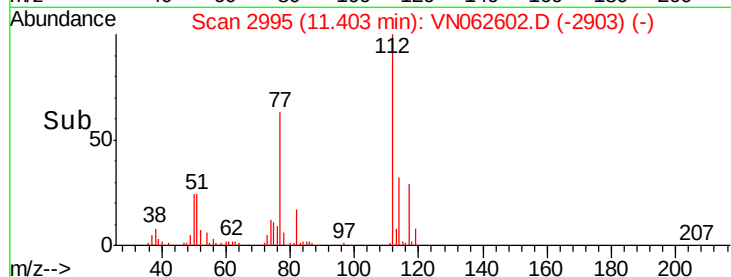
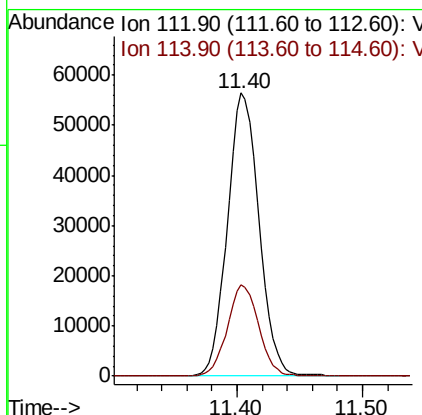
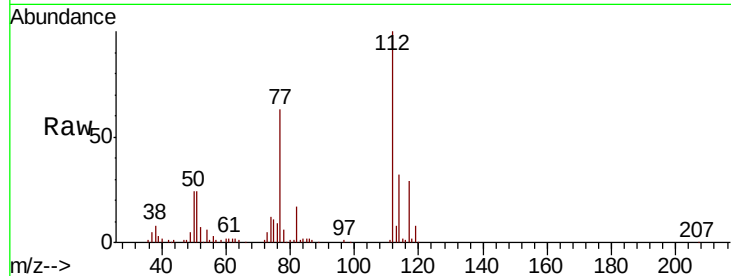




#65
Chlorobenzene
Concen: 20.437 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

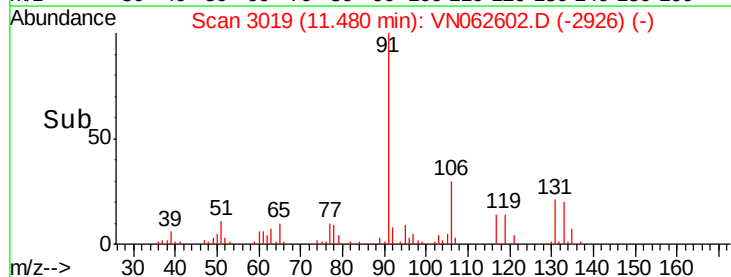
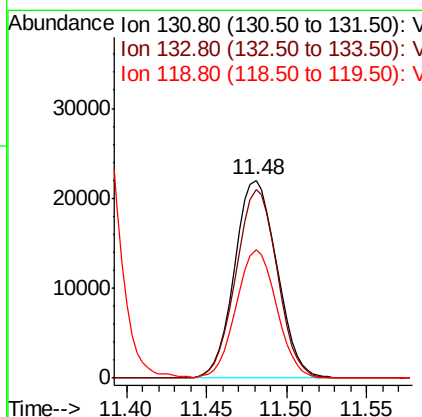
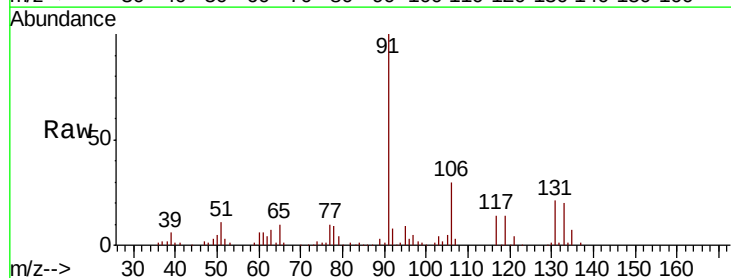
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

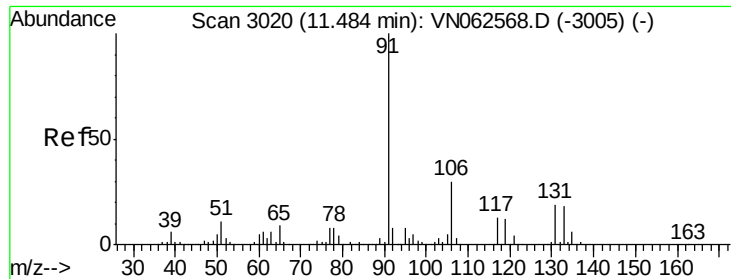
Tot Ion:112 Resp: 98680
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.905 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion:131 Resp: 39789
Ion Ratio Lower Upper
131 100
133 92.9 47.3 142.0
119 61.8 33.7 101.0

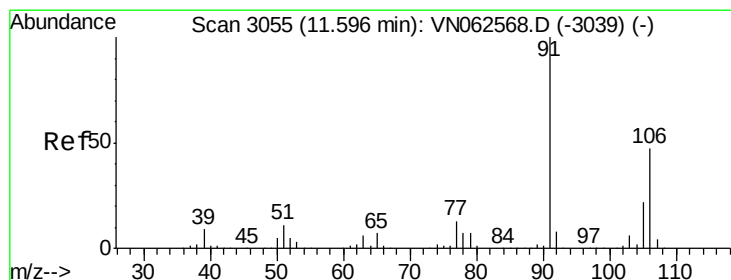
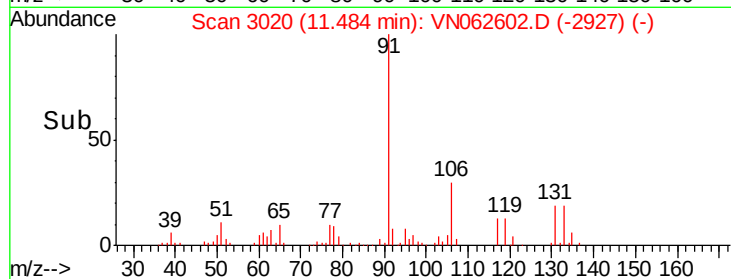
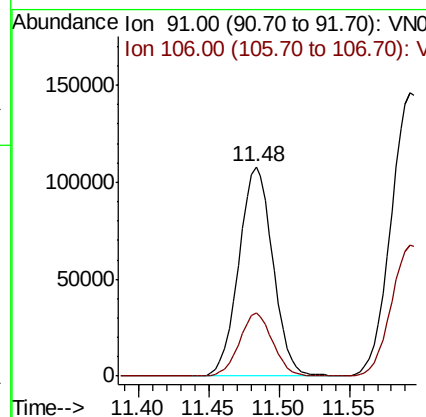
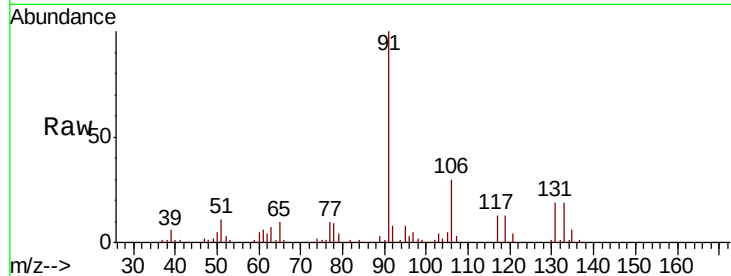




#67
Ethyl Benzene
Concen: 20.633 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

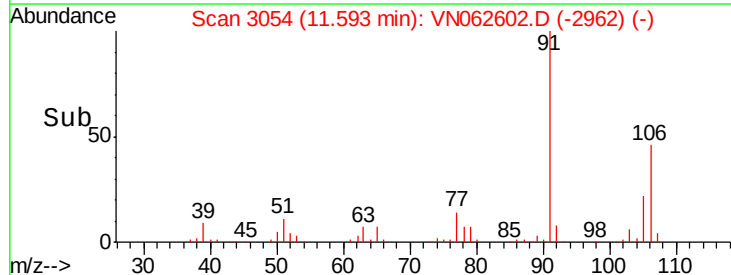
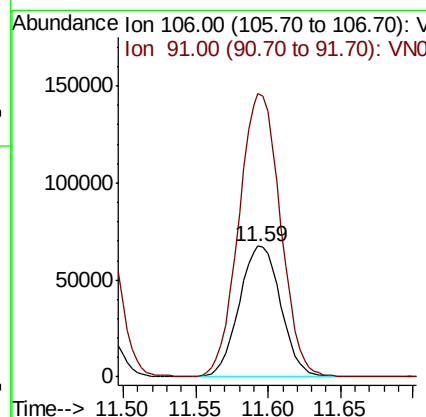
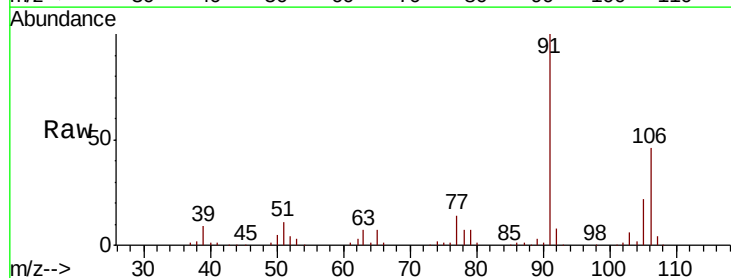
Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

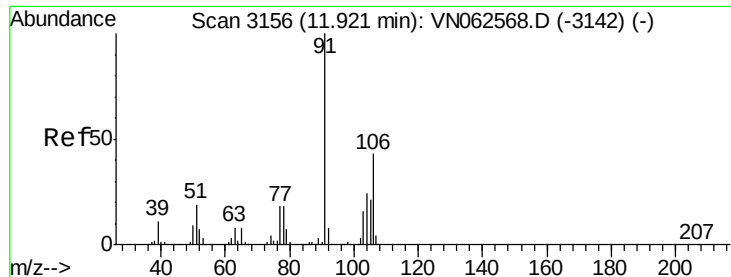
Tot Ion: 91 Resp: 182671
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8



#68
m/p-Xylenes
Concen: 42.188 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 106 Resp: 134245
Ion Ratio Lower Upper
106 100
91 217.2 171.4 257.2

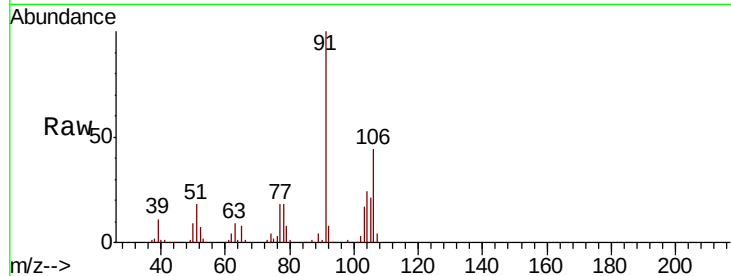




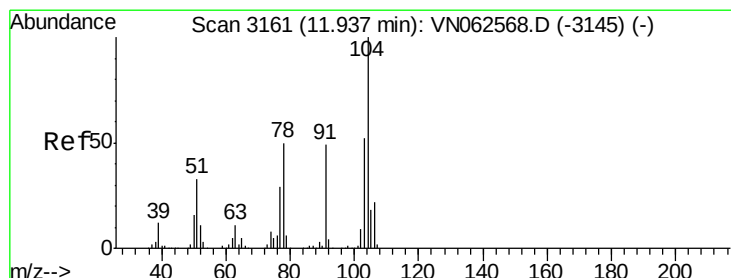
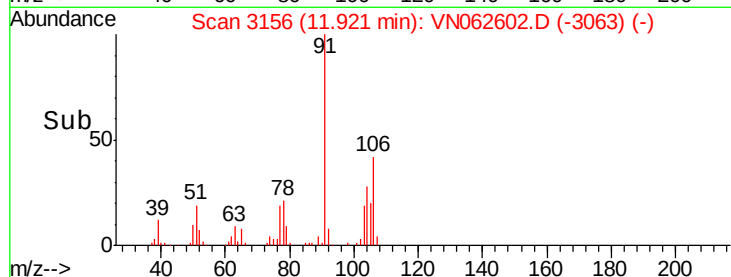
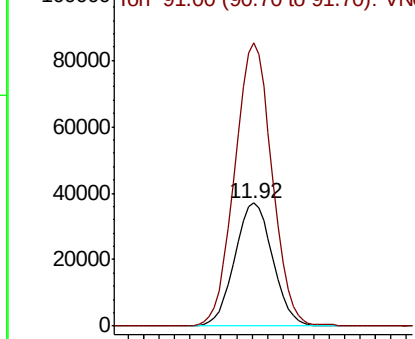
#69
o-Xylene
Concen: 20.915 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion:106 Resp: 63199
Ion Ratio Lower Upper
106 100
91 226.5 113.8 341.2

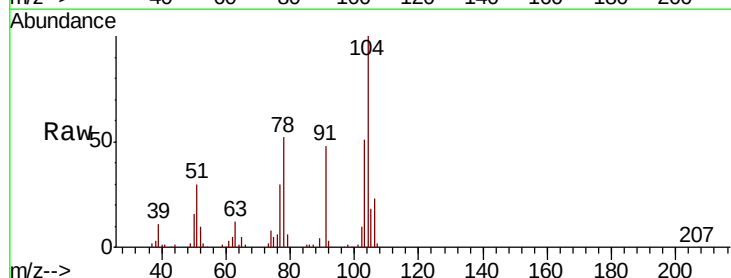


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

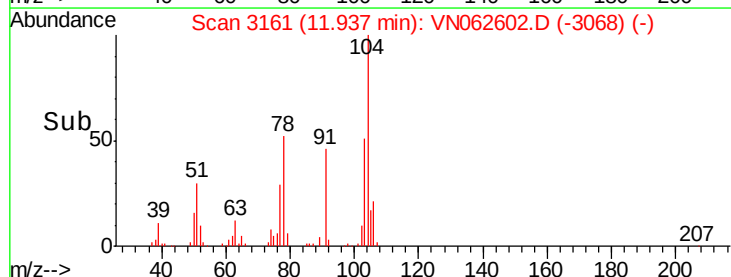
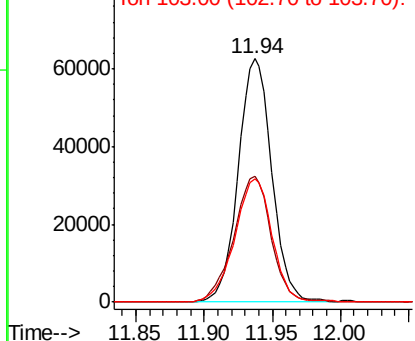


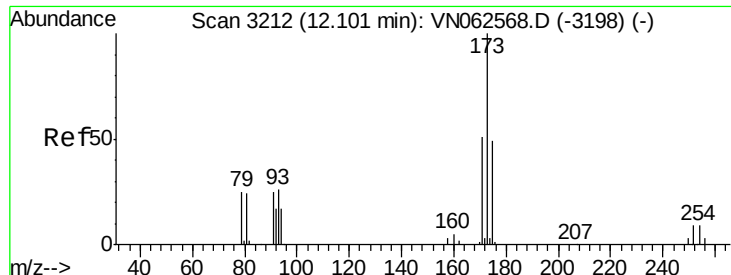
#70
Styrene
Concen: 20.990 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion:104 Resp: 107140
Ion Ratio Lower Upper
104 100
78 57.3 43.8 65.6
103 56.4 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.232 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

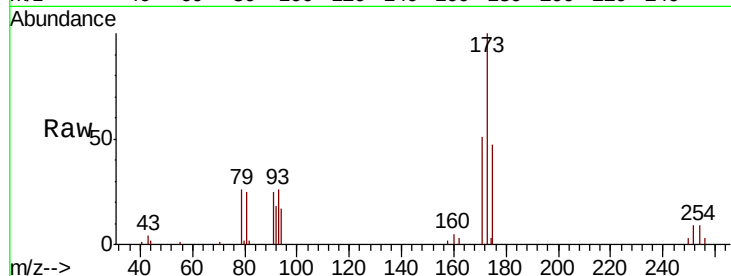
Tot Ion:173 Resp: 30322

Ion Ratio Lower Upper

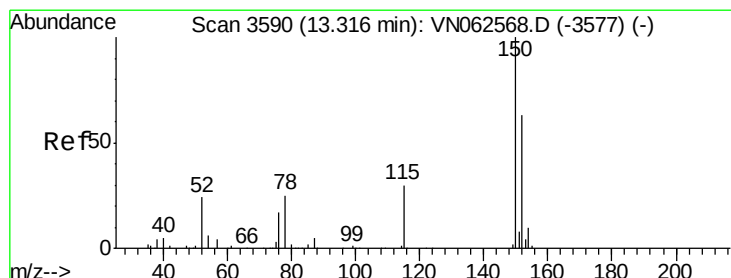
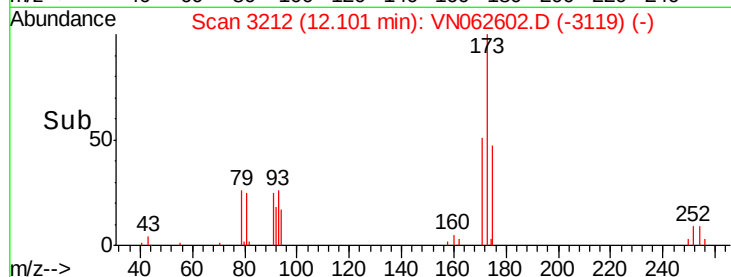
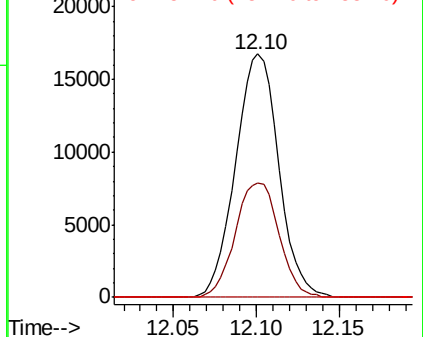
173 100

175 47.6 24.1 72.2

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: VN062602.D

Acq: 27 Jul 2020 16:48

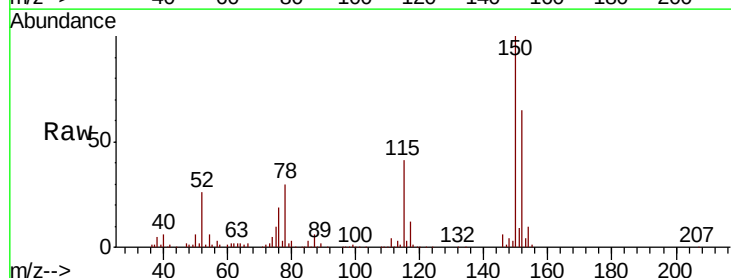
Tgt Ion:152 Resp: 110926

Ion Ratio Lower Upper

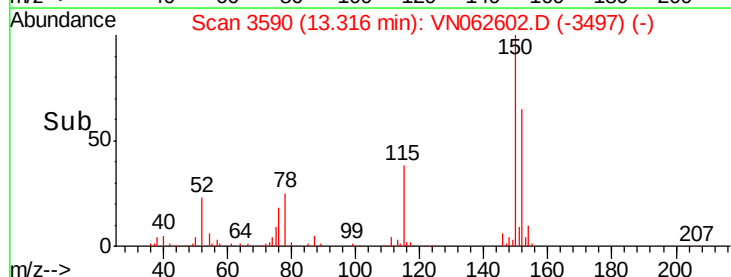
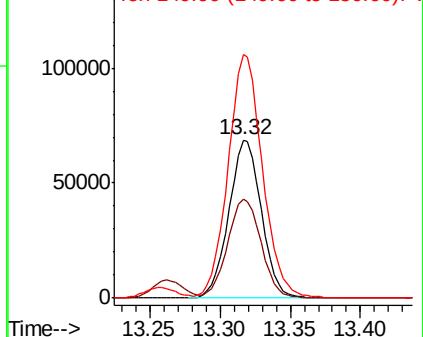
152 100

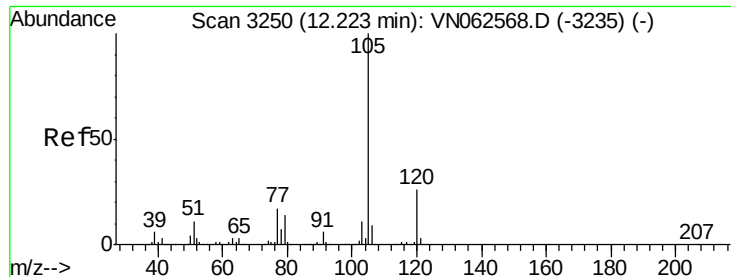
115 64.4 31.8 95.4

150 162.2 0.0 351.4



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

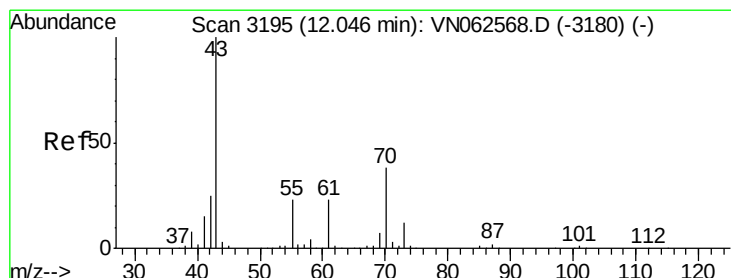
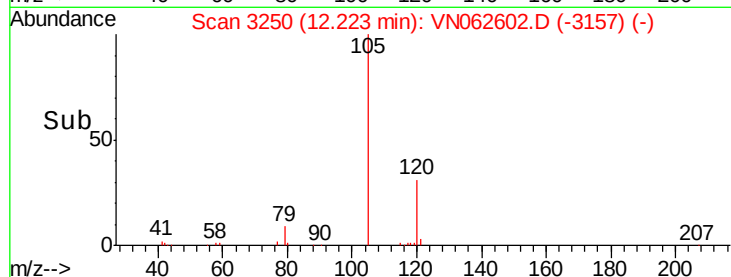
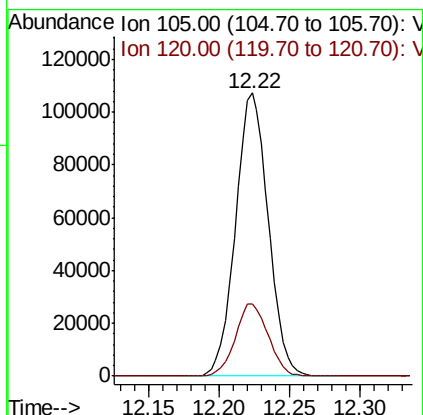
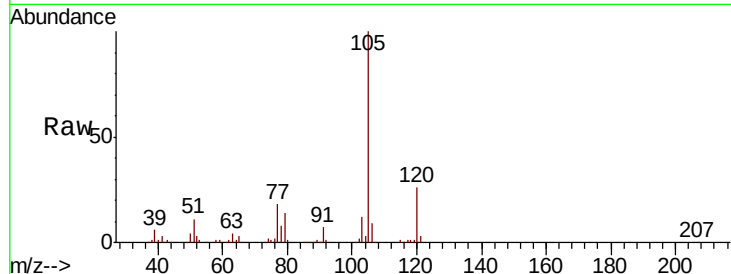




#73
Isopropylbenzene
Concen: 19.871 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

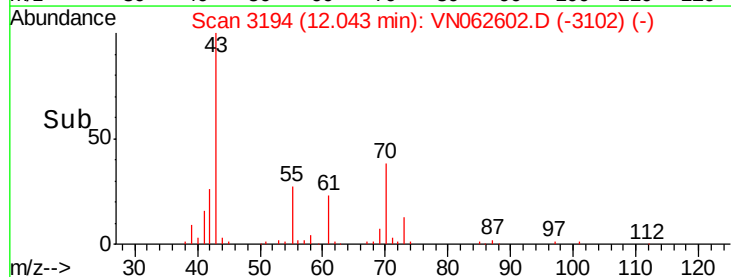
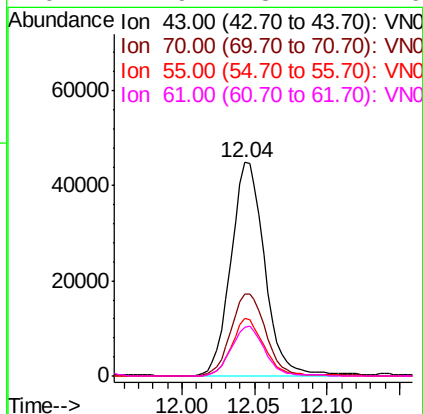
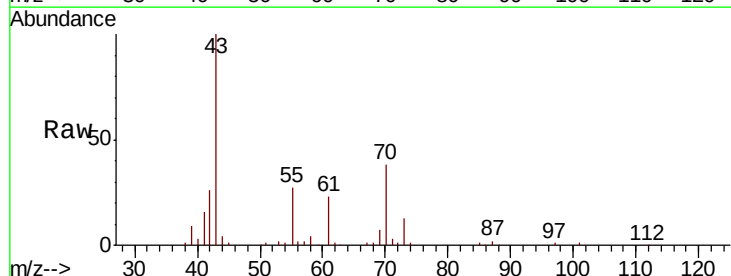
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

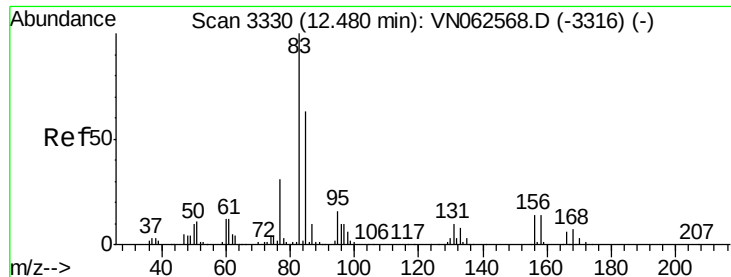
Tot Ion:105 Resp: 174288
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4



#74
N-ethyl acetate
Concen: 18.555 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 43 Resp: 72681
Ion Ratio Lower Upper
43 100
70 39.7 30.5 45.7
55 25.9 19.0 28.6
61 22.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.701 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

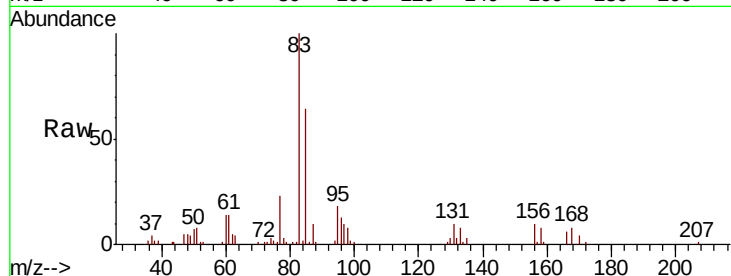
Tot Ion: 83 Resp: 53951

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.3

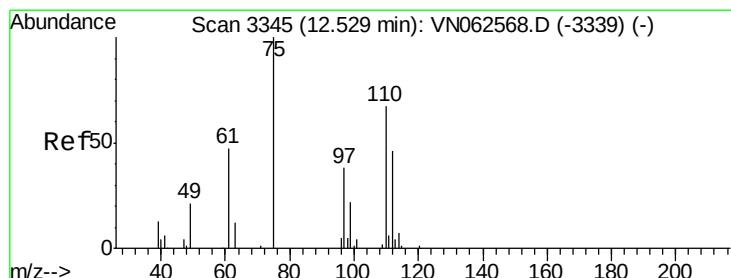
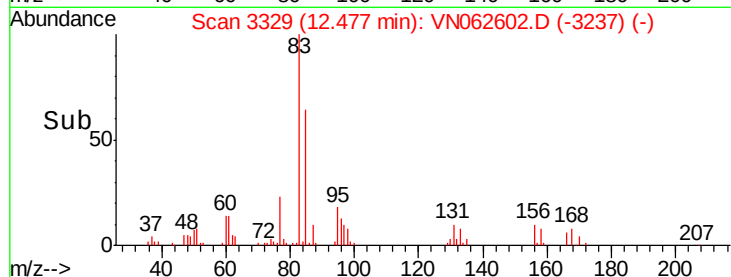
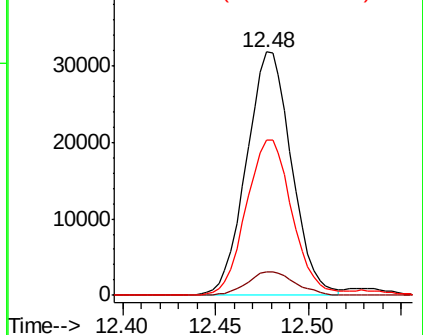
85 64.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.030 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062602.D

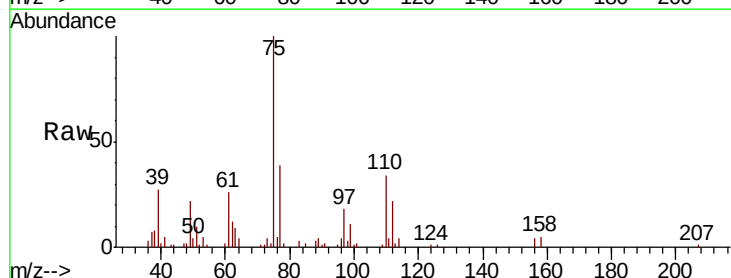
Acq: 27 Jul 2020 16:48

Tgt Ion: 75 Resp: 76318

Ion Ratio Lower Upper

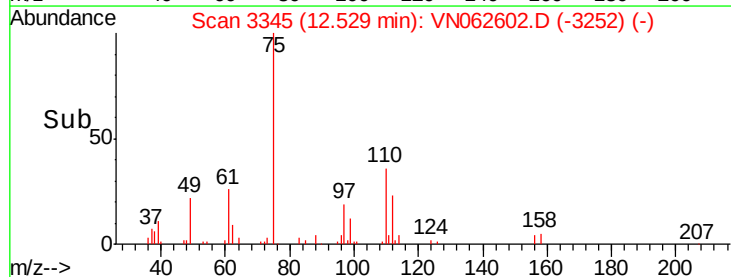
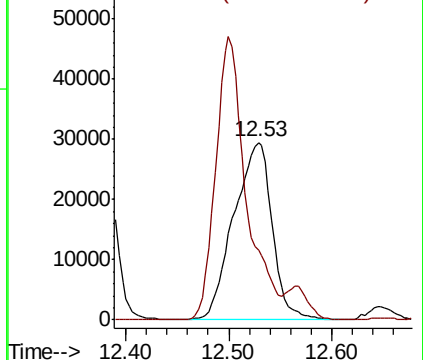
75 100

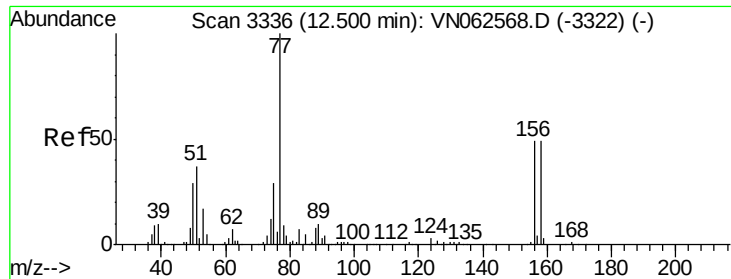
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.334 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

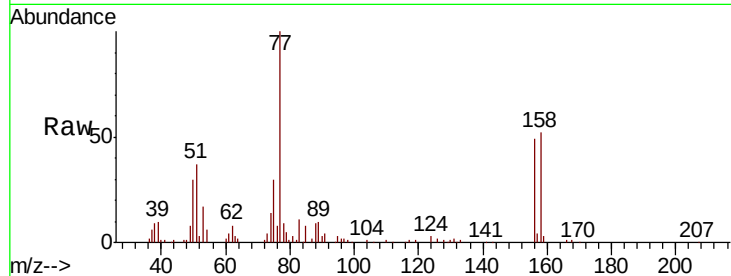
Tot Ion:156 Resp: 40753

Ion Ratio Lower Upper

156 100

77 237.7 122.8 368.3

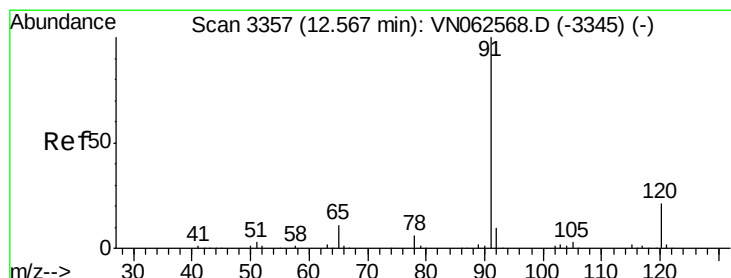
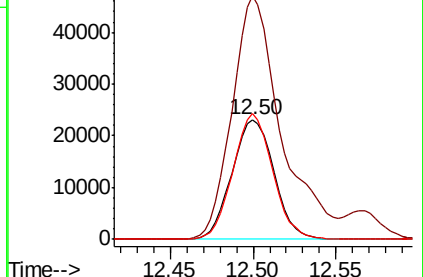
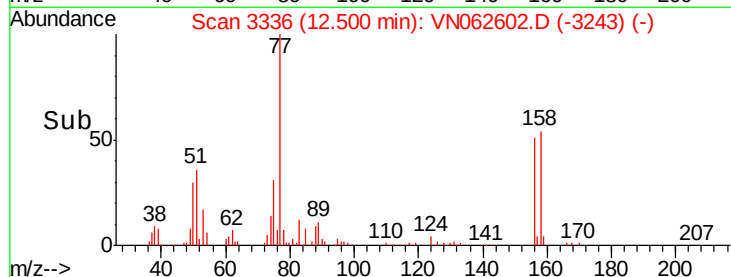
158 99.1 49.4 148.0



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: 19.931 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062602.D

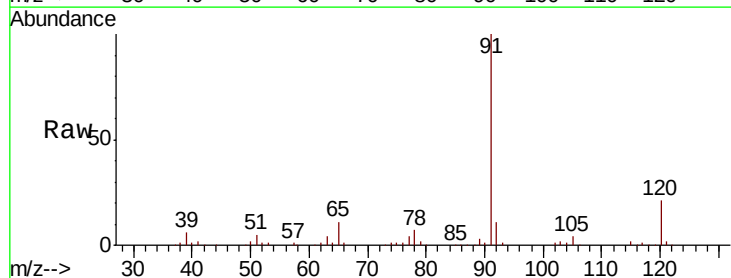
Acq: 27 Jul 2020 16:48

Tgt Ion: 91 Resp: 204775

Ion Ratio Lower Upper

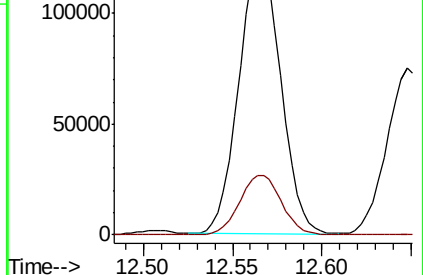
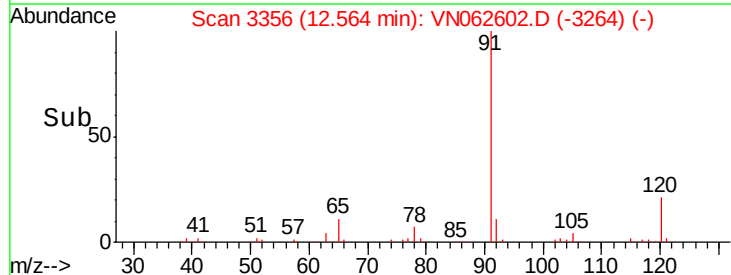
91 100

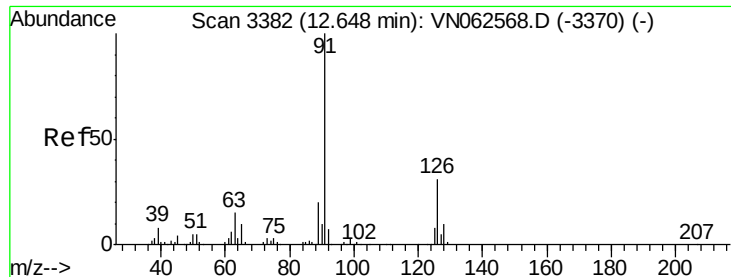
120 21.6 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

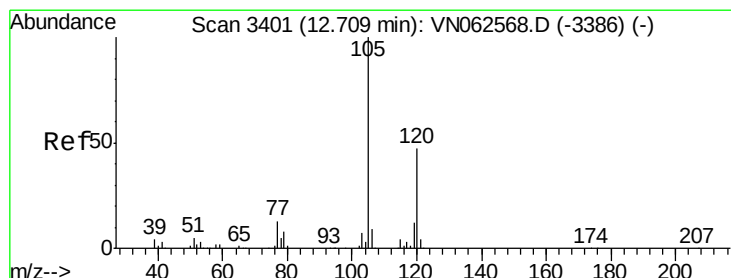
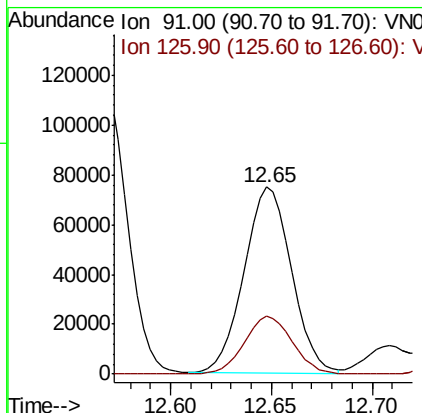
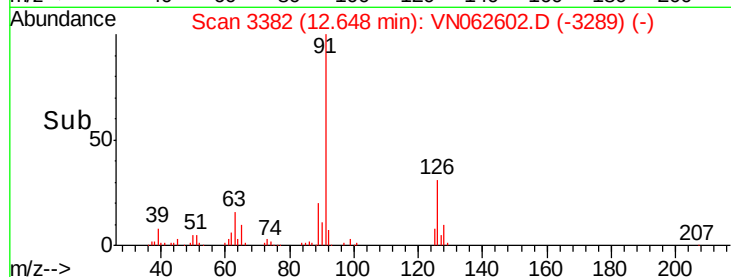
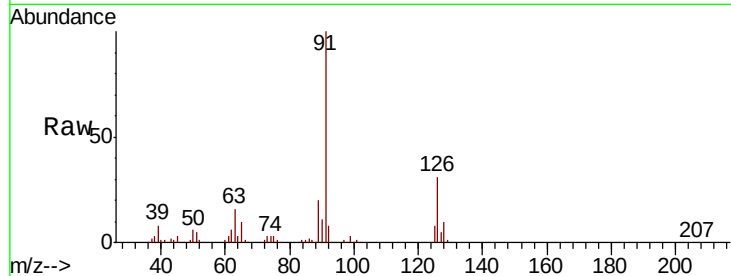




#79
 2-Chlorotoluene
 Concen: 19.447 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

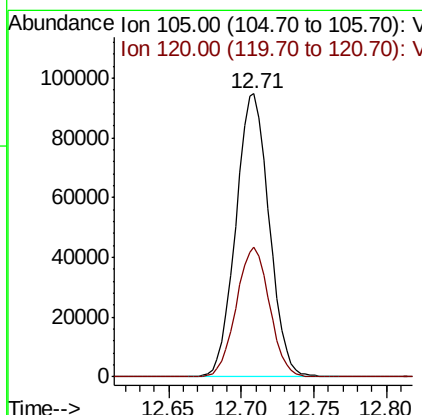
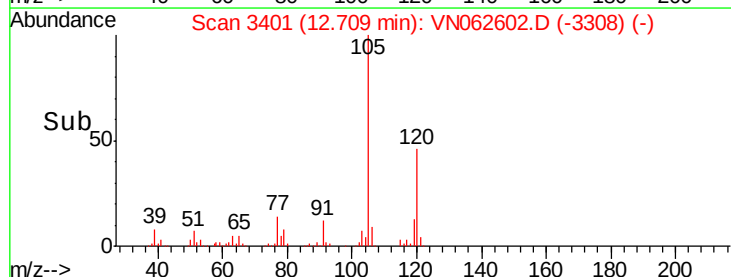
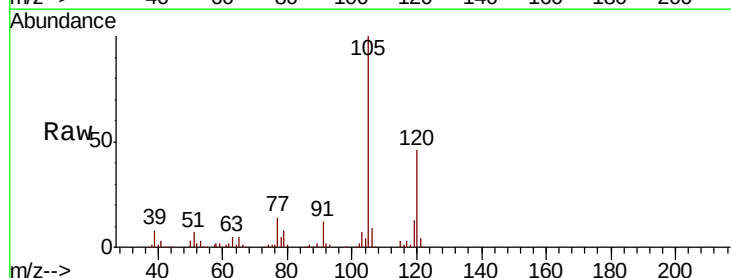
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

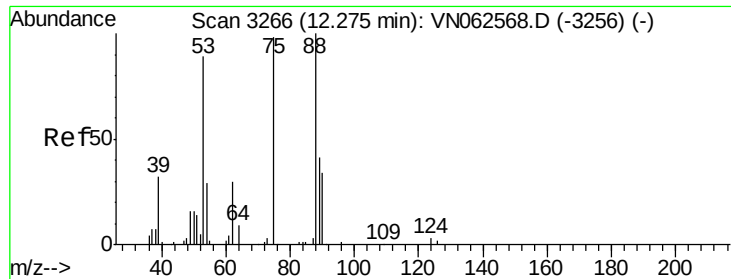
Tot Ion: 91 Resp: 123130
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.835 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 105 Resp: 151586
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.052 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

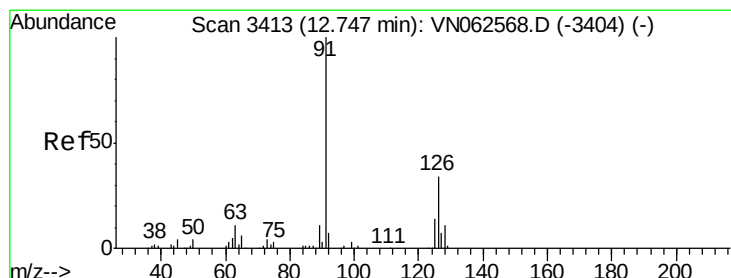
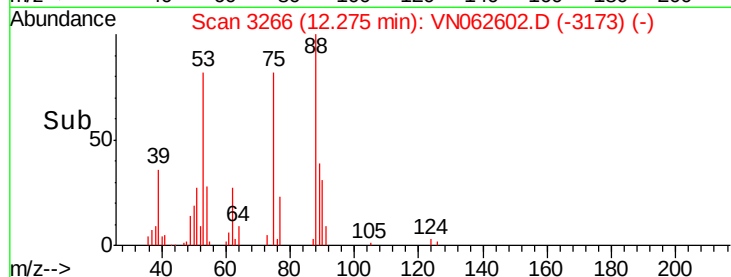
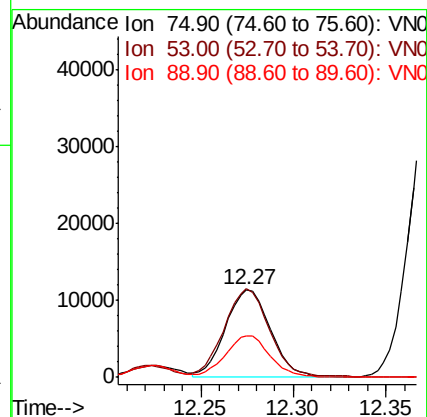
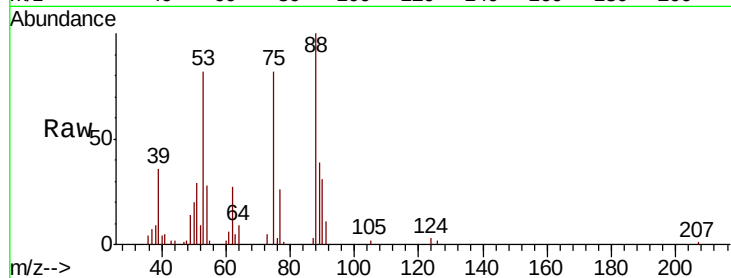
Tot Ion: 75 Resp: 19324

Ion Ratio Lower Upper

75 100

53 102.9 75.4 113.0

89 46.9 34.5 51.7



#82

4-Chlorotoluene

Concen: 19.540 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062602.D

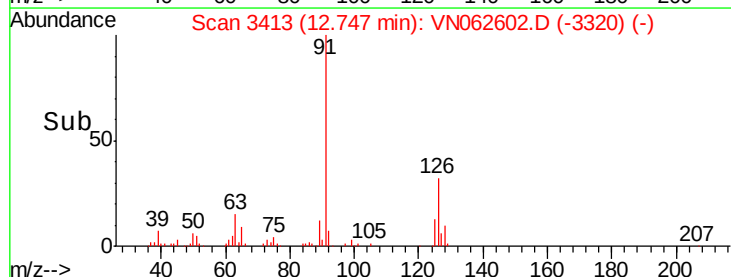
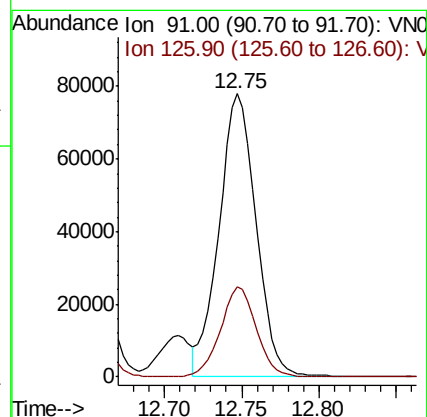
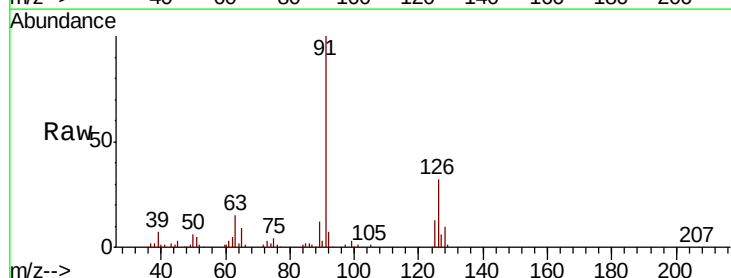
Acq: 27 Jul 2020 16:48

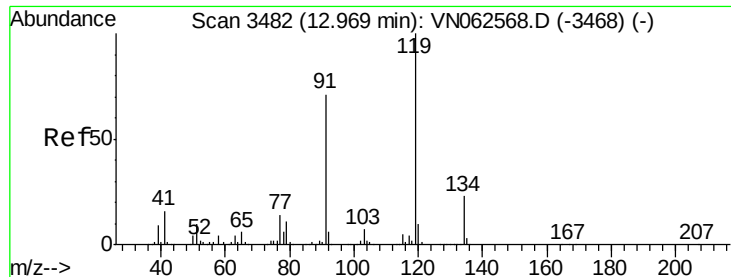
Tgt Ion: 91 Resp: 128779

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

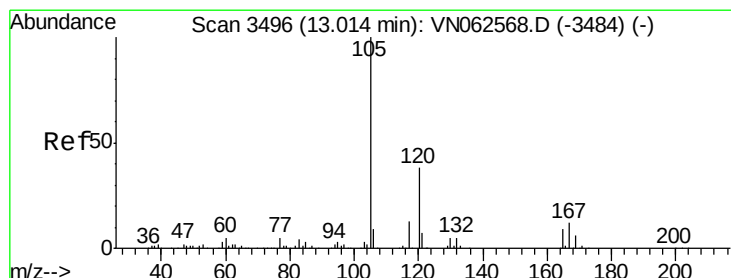
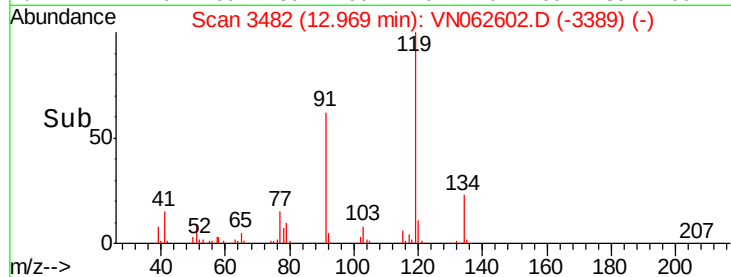
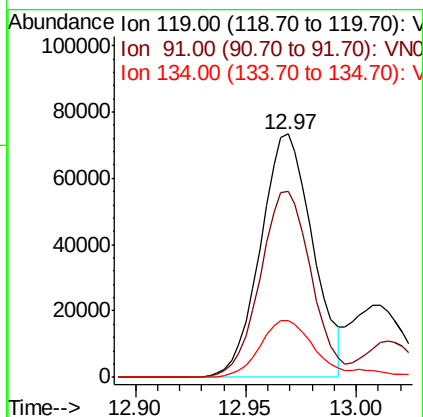
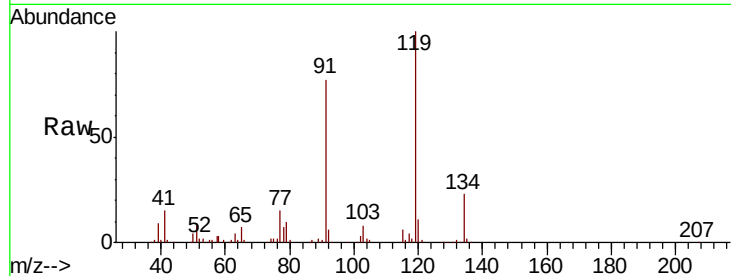




#83
 tert-Butylbenzene
 Concen: 19.948 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

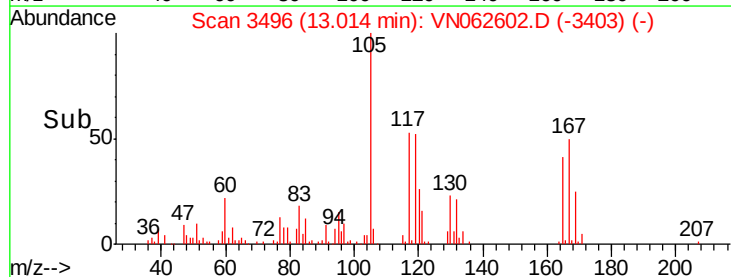
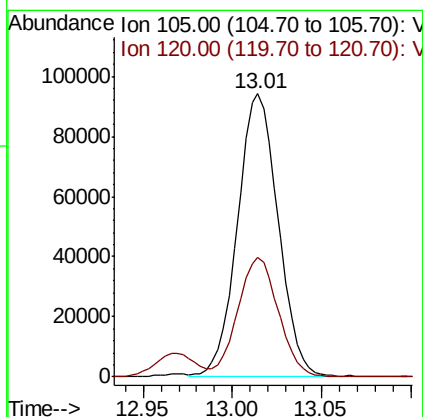
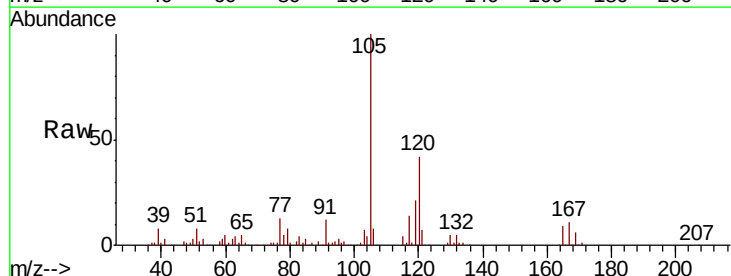
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

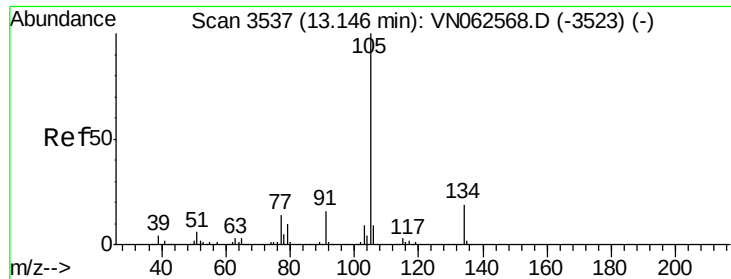
Tot Ion:119 Resp: 120510
 Ion Ratio Lower Upper
 119 100
 91 74.6 34.6 103.8
 134 23.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.841 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion:105 Resp: 148752
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.887 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

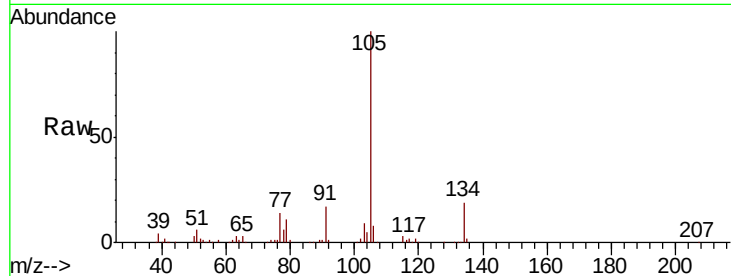
VN0727WBSD01

Tot Ion:105 Resp: 168936

Ion Ratio Lower Upper

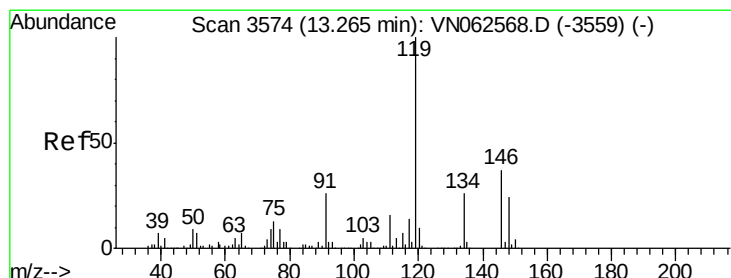
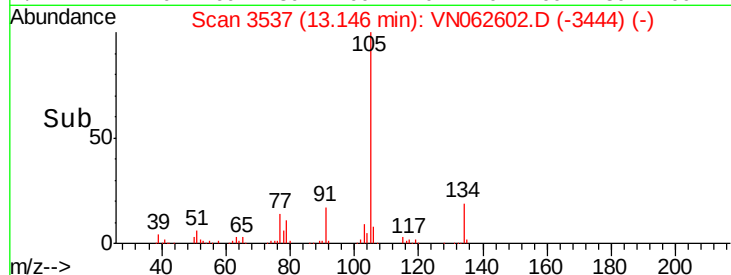
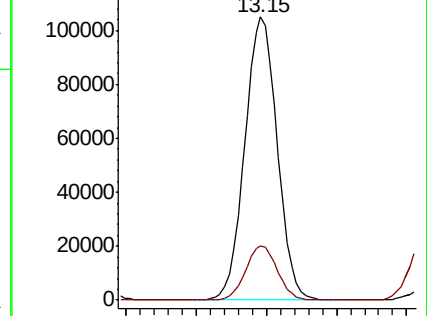
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.990 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

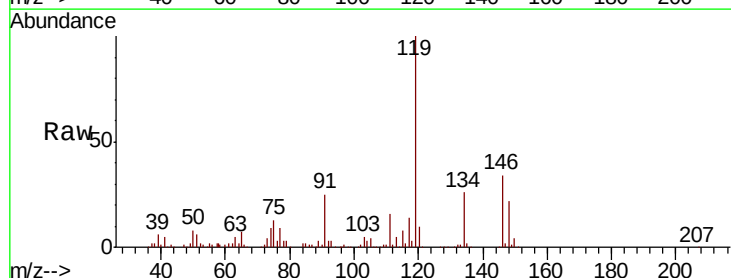
Tgt Ion:119 Resp: 152973

Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

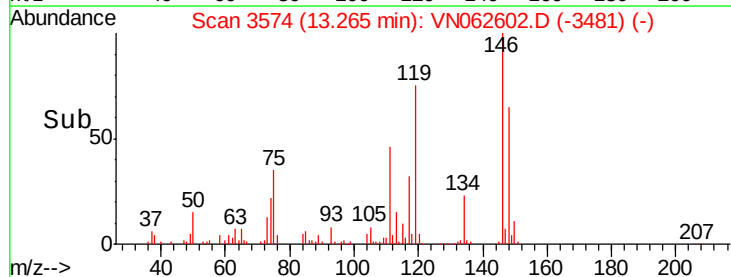
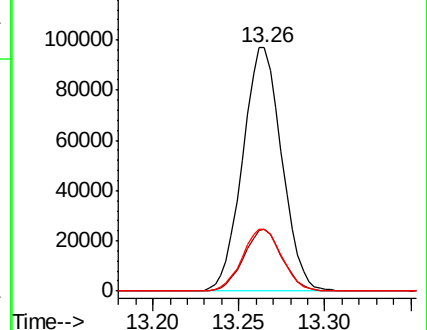
91 25.8 12.7 38.1

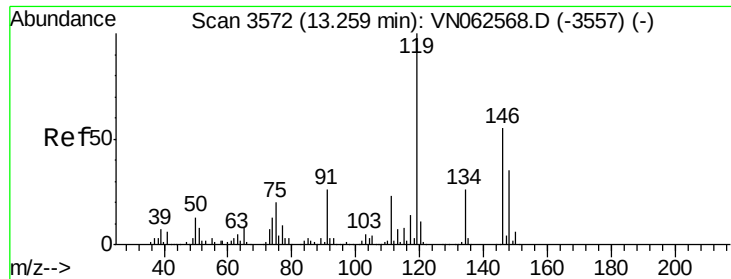


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

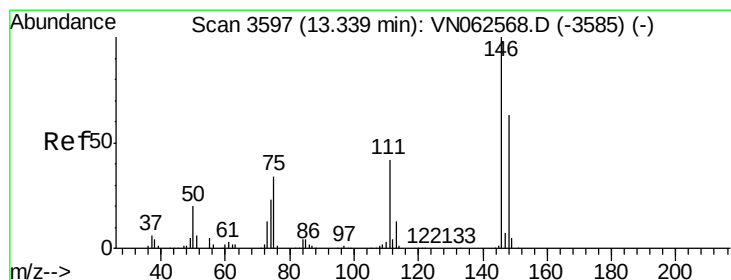
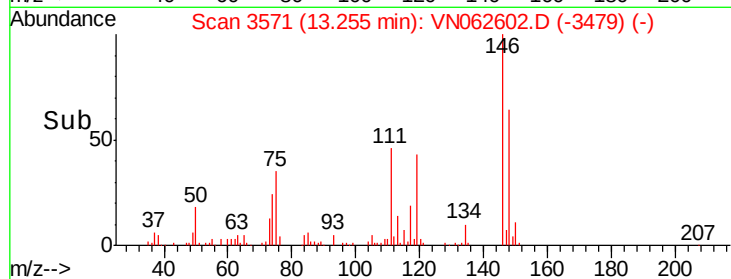
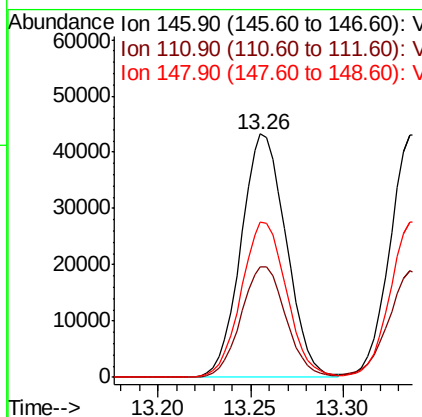
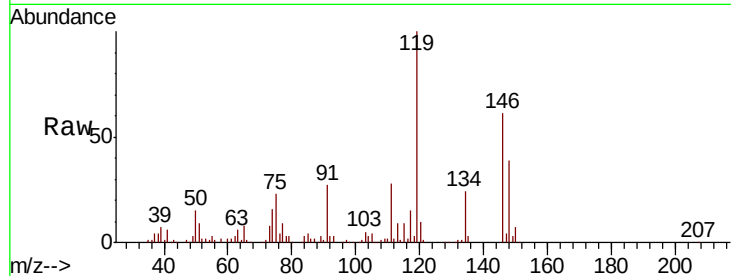




#87
 1,3-Dichlorobenzene
 Concen: 19.750 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

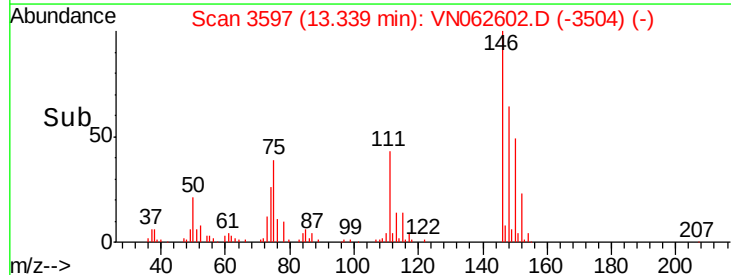
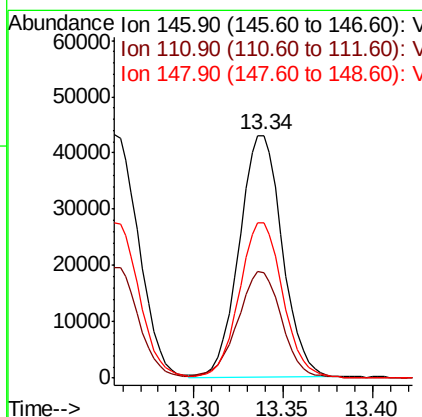
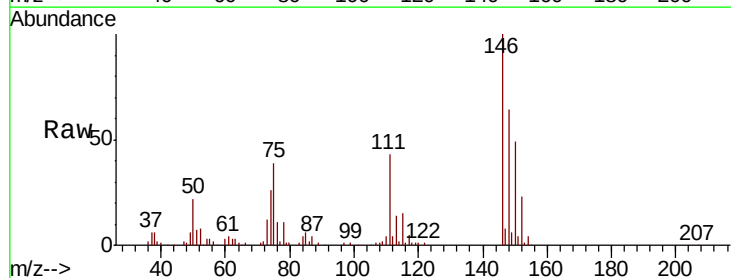
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

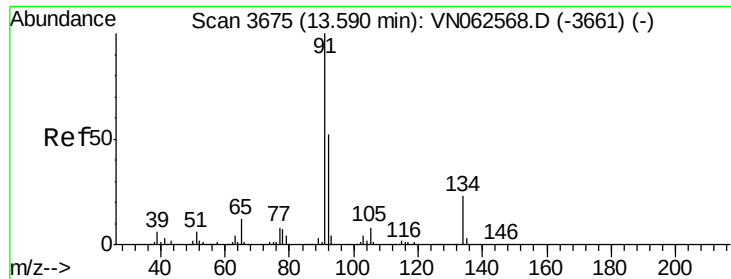
Tot Ion:146 Resp: 73055
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.6 64.6
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.775 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion:146 Resp: 72006
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.1 63.1
 148 65.4 31.6 94.8





#89

n-Butylbenzene

Concen: 20.900 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

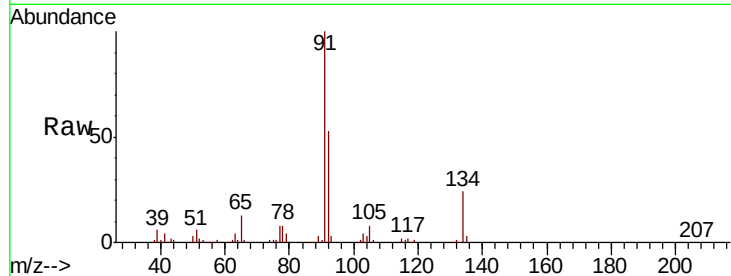
Tot Ion: 91 Resp: 124922

Ion Ratio Lower Upper

91 100

92 51.1 25.8 77.3

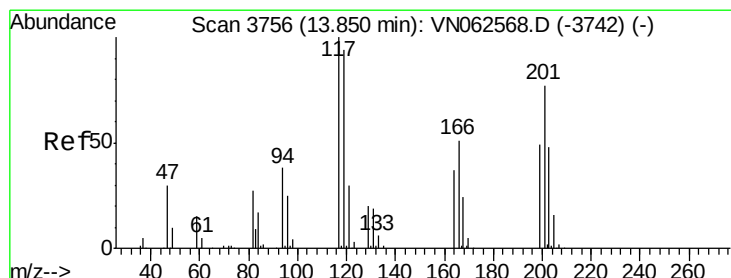
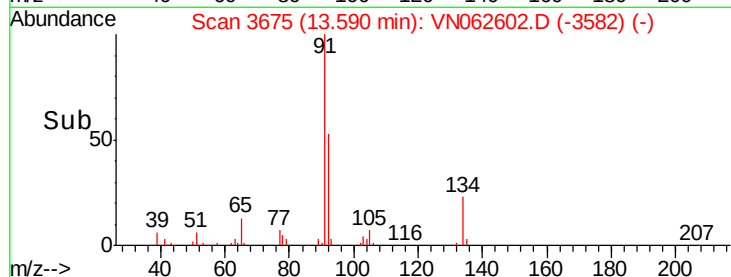
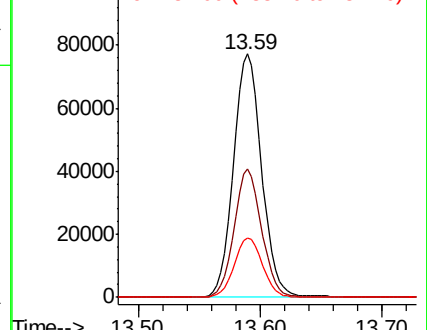
134 24.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062568.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062568.D (-3661) (-)



#90

Hexachloroethane

Concen: 19.417 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062602.D

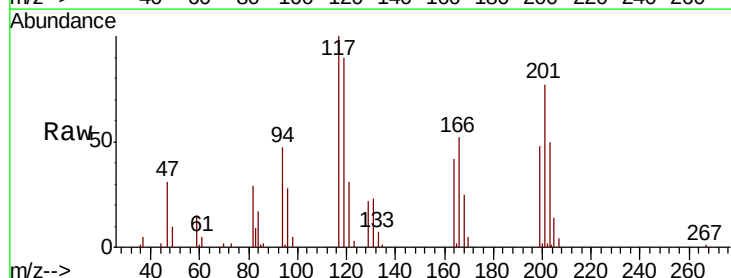
Acq: 27 Jul 2020 16:48

Tgt Ion: 117 Resp: 28754

Ion Ratio Lower Upper

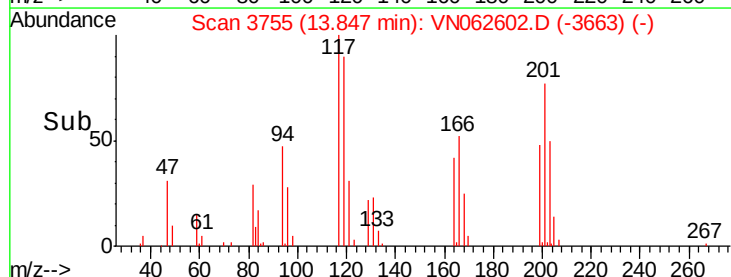
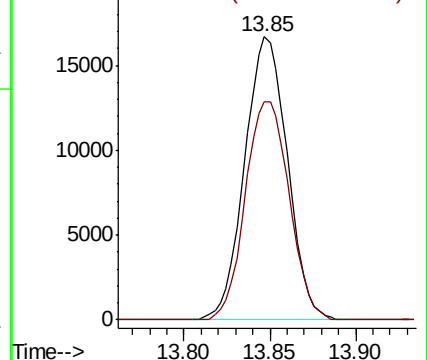
117 100

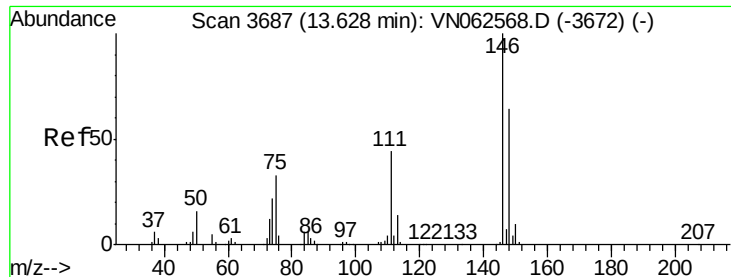
201 79.0 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062568.D (-3742) (-)

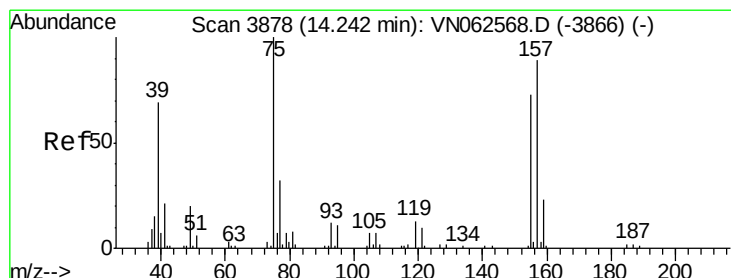
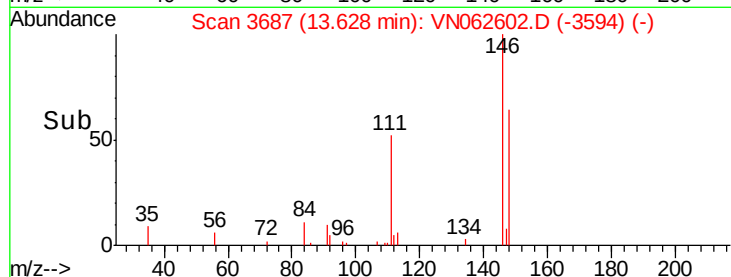
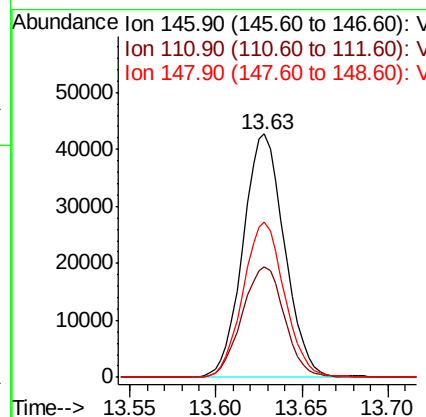
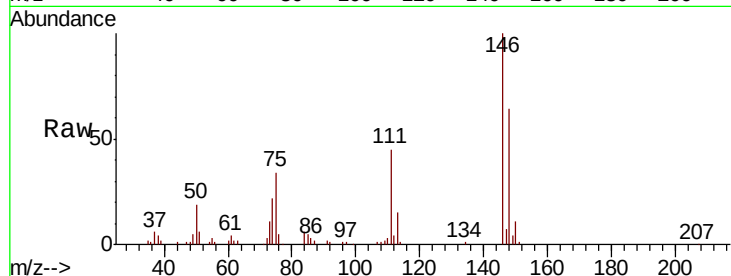




#91
 1,2-Dichlorobenzene
 Concen: 20.193 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

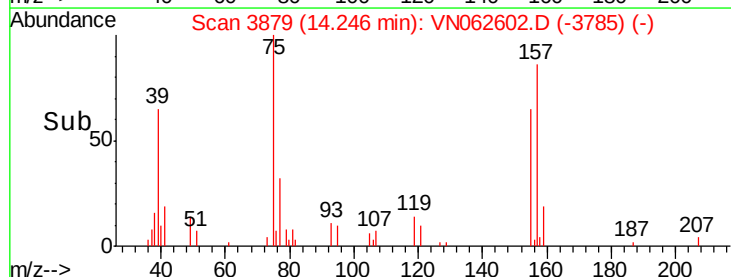
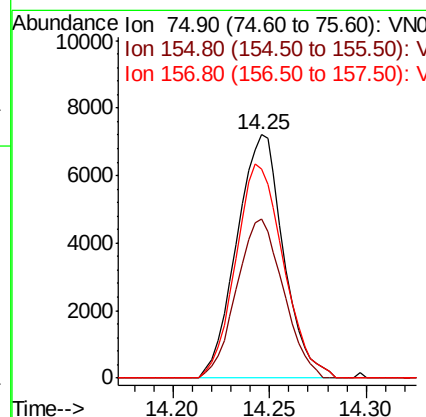
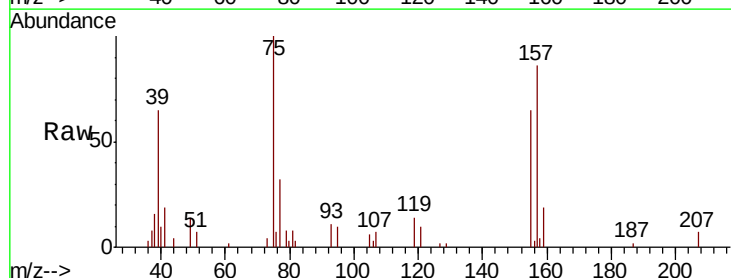
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

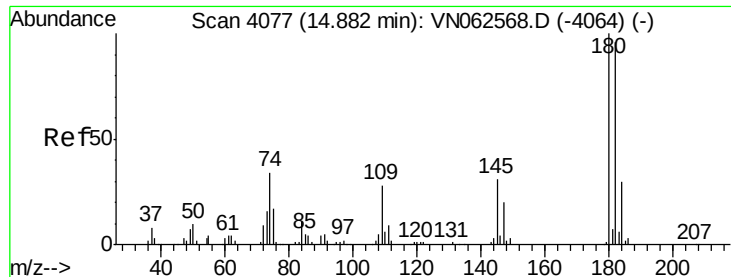
Tot Ion:146 Resp: 71419
 Ion Ratio Lower Upper
 146 100
 111 46.6 21.9 65.8
 148 63.9 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.929 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 75 Resp: 12135
 Ion Ratio Lower Upper
 75 100
 155 65.3 35.9 107.5
 157 89.6 45.0 135.0

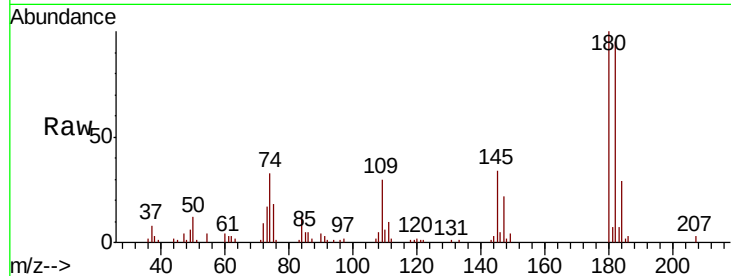




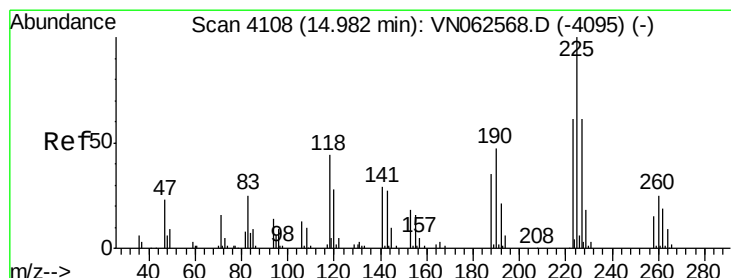
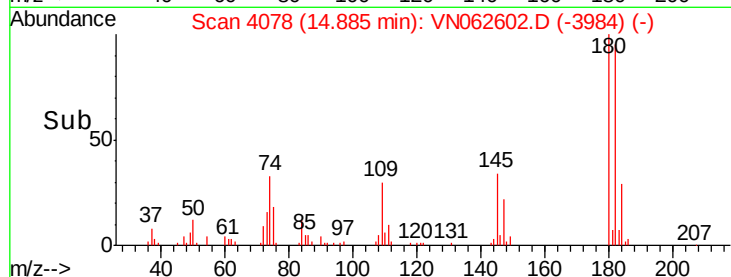
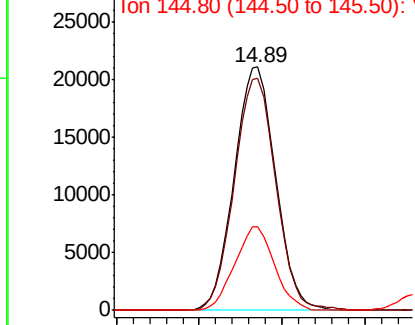
#93
 1,2,4-Trichlorobenzene
 Concen: 21.544 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion:180 Resp: 36563
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.3
 145 32.9 15.3 45.9

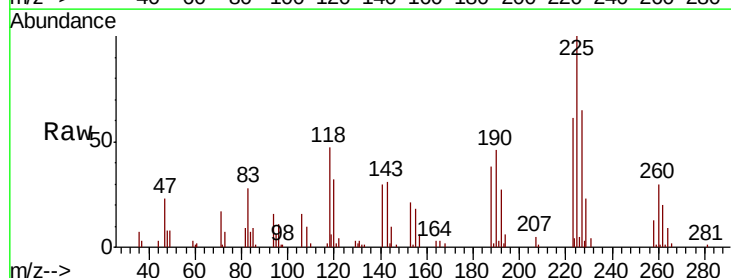


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

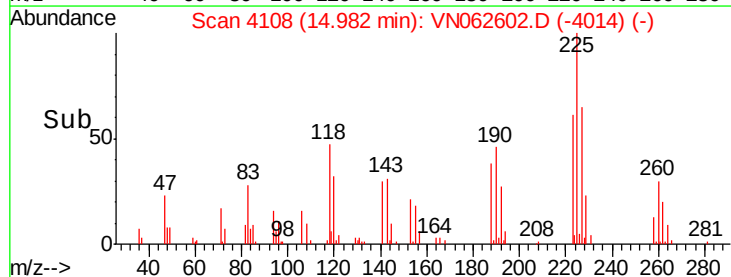
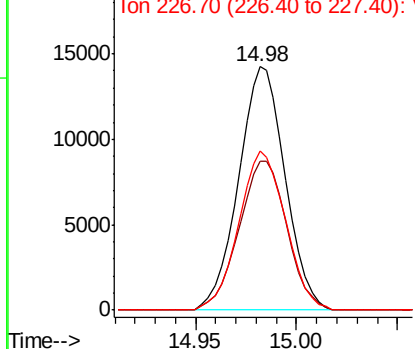


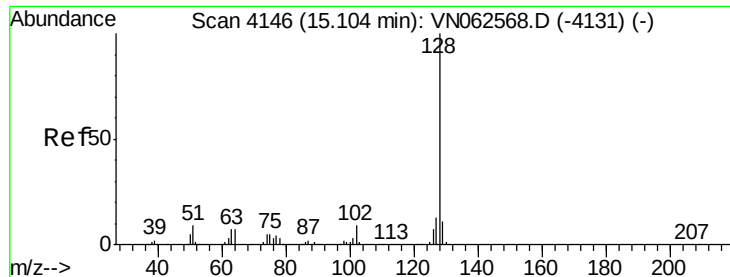
#94
 Hexachlorobutadiene
 Concen: 23.745 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion:225 Resp: 22938
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.0 96.0
 227 65.5 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

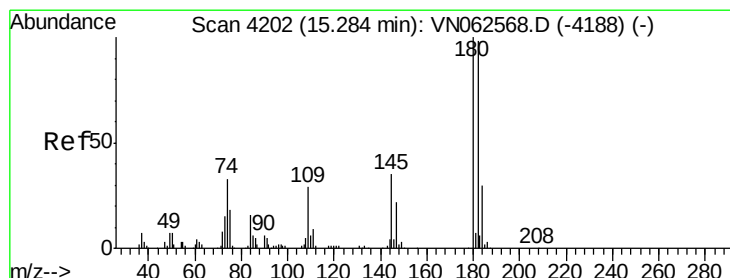
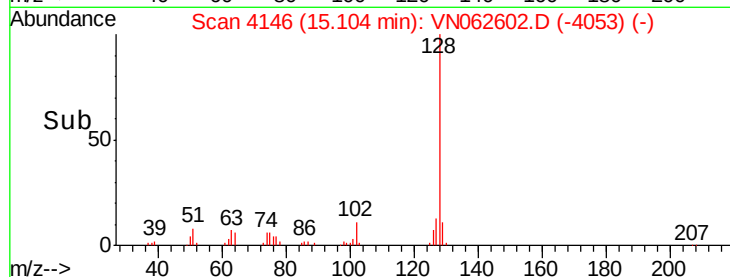
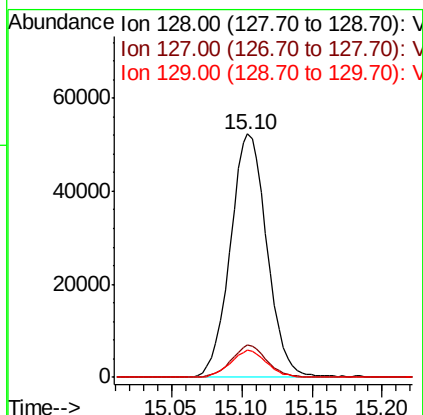
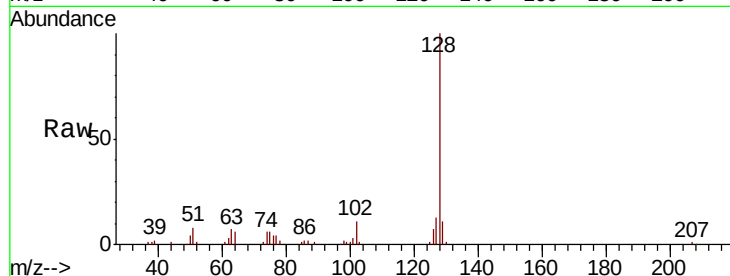




#95
Naphthalene
Concen: 21.583 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

Tot Ion:128 Resp: 95064
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.417 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion:180 Resp: 37364
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 33.2 16.7 50.1

