

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070381.D
 Acq On : 30 Dec 2021 6:43
 Operator : JC/MD
 Sample : M5007-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 07:19:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	885022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1540147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1361276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	447600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	668329	52.521	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.040%	
35) Dibromofluoromethane	8.024	113	474813	50.953	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.900%	
50) Toluene-d8	10.440	98	1887142	49.573	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.731	95	637794	46.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.780%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.271	85	11771	1.173	ug/l	97
3) Chloromethane	2.303	50	4001	0.293	ug/l	93
4) Vinyl Chloride	2.448	62	24823	1.997	ug/l #	81
11) Tert butyl alcohol	5.385	59	2591	1.223	ug/l #	71
13) Acrolein	4.049	56	528	0.307	ug/l #	14
14) Allyl chloride	5.082	41	60965	2.983	ug/l #	40
15) Acrylonitrile	5.599	53	2060	0.312	ug/l #	1
16) Acetone	4.293	43	22631	2.740	ug/l	98
17) Carbon Disulfide	4.540	76	7624	0.310	ug/l #	94
18) Methyl Acetate	4.859	43	5343	0.224	ug/l #	70
19) Methyl tert-butyl Ether	5.621	73	204816	6.119	ug/l #	21
22) Diisopropyl ether	6.506	45	12234	0.307	ug/l #	85
23) Vinyl Acetate	6.506	43	7348	0.238	ug/l #	72
25) 2-Butanone	7.324	43	14179	1.363	ug/l #	57
27) cis-1,2-Dichloroethene	7.327	96	18640	1.637	ug/l	90
29) Tetrahydrofuran	7.702	42	2050	0.330	ug/l #	48
31) Cyclohexane	8.088	56	27960	1.392	ug/l #	43
36) 1,1-Dichloropropene	8.086	75	71687	4.650	ug/l #	49
37) Ethyl Acetate	7.324	43	14179	0.710	ug/l #	1
38) Carbon Tetrachloride	8.088	117	86021	5.844	ug/l #	17
39) Methylcyclohexane	9.429	83	17029	0.912	ug/l #	1
40) Benzene	8.458	78	10981	0.232	ug/l	95
43) Isopropyl Acetate	8.617	43	941068	29.872	ug/l #	55
47) Bromodichloromethane	9.740	83	7468	0.475	ug/l #	25
48) Methyl methacrylate	9.593	41	95653	6.365	ug/l #	27
51) 4-Methyl-2-Pentanone	10.371	43	57853	2.923	ug/l #	78
55) 1,1,2-Trichloroethane	10.878	97	28392	2.508	ug/l #	34
56) Ethyl methacrylate	10.786	69	4449	0.238	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.017	63	6185	19.712	ug/l #	45
59) 2-Hexanone	11.060	43	6839	0.474	ug/l #	25
71) Bromoform	12.731	173	3660	0.478	ug/l #	1
73) Isopropylbenzene	12.583	105	17800	0.428	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.819	83	373	0.472	ug/l #	65
76) 1,2,3-Trichloropropane	12.731	75	337531	26.813	ug/l #	1
78) n-propylbenzene	12.921	91	28582	0.621	ug/l	93
79) 2-Chlorotoluene	12.921	91	28582	0.967	ug/l #	38

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 Response via : Initial Calibration

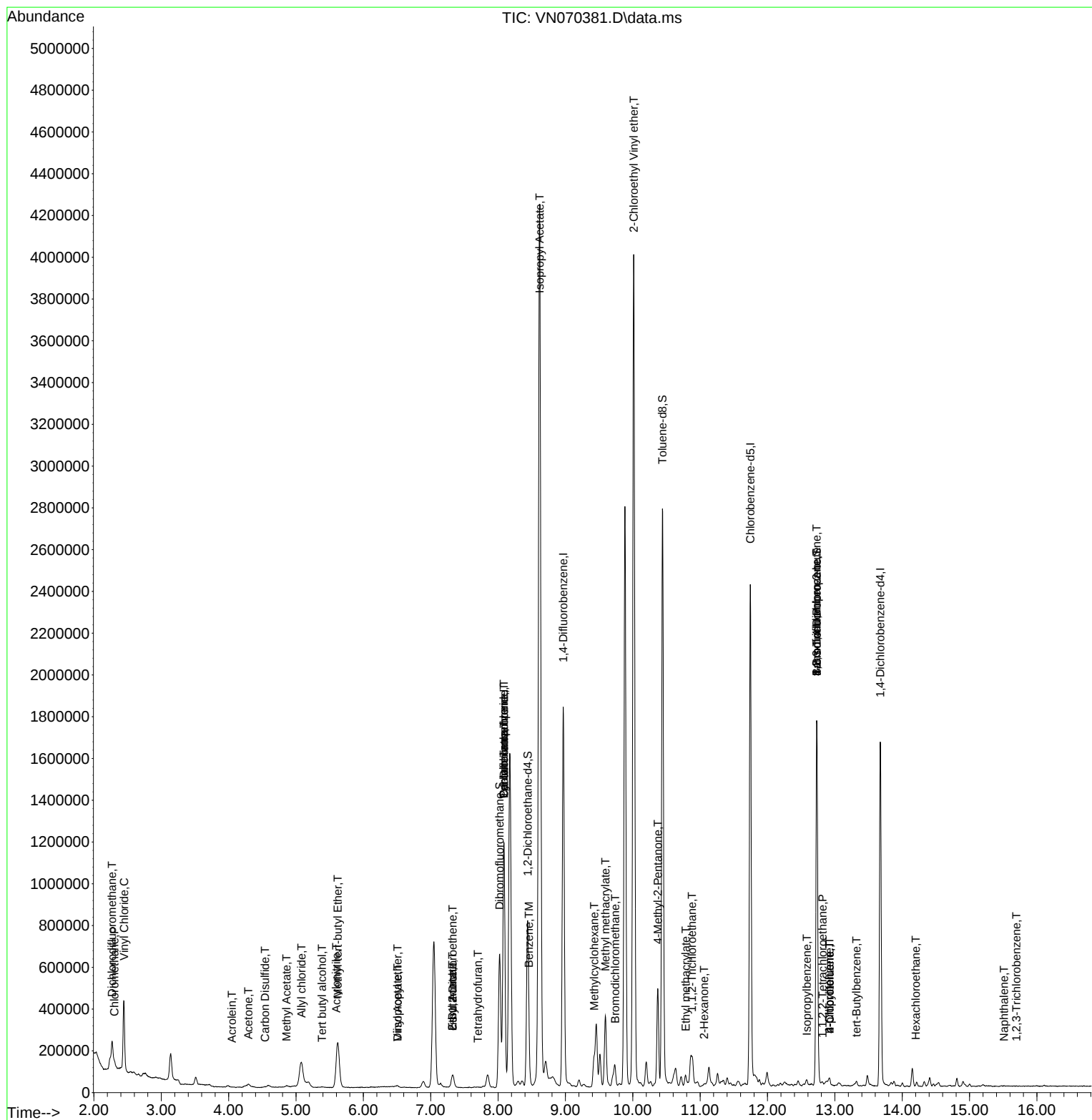
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.731	75	337531	92.132	ug/l #	5
82) 4-Chlorotoluene	12.921	91	28582	1.033	ug/l #	38
83) tert-Butylbenzene	13.321	119	8657	0.295	ug/l	92
90) Hexachloroethane	14.203	117	1211	0.223	ug/l #	6
95) Naphthalene	15.512	128	2686	1.924	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.694	180	256	0.862	ug/l #	6

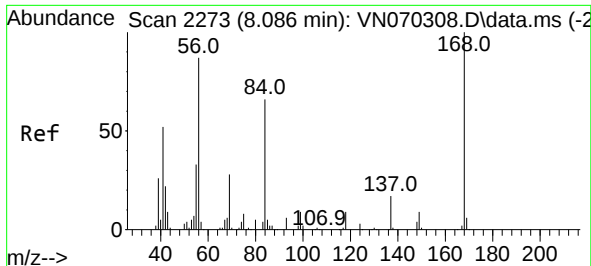
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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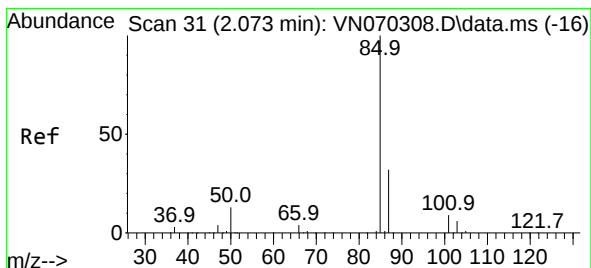
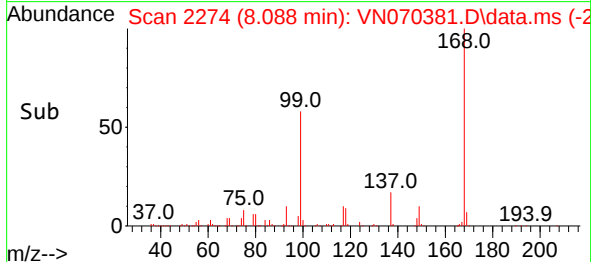
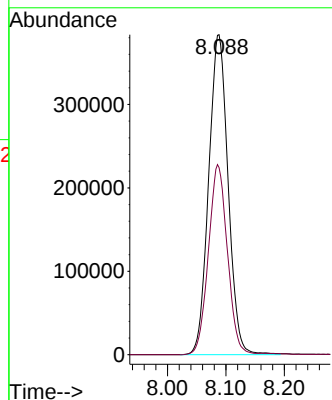
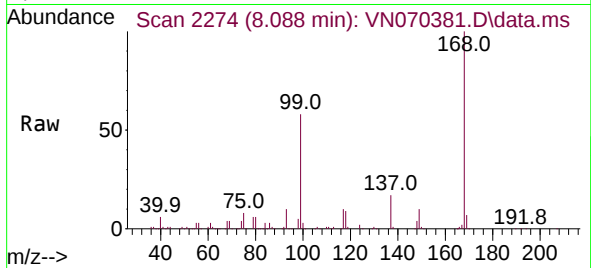




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

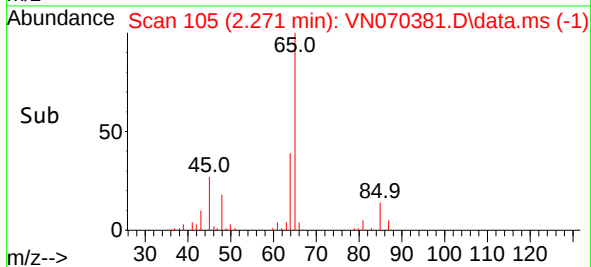
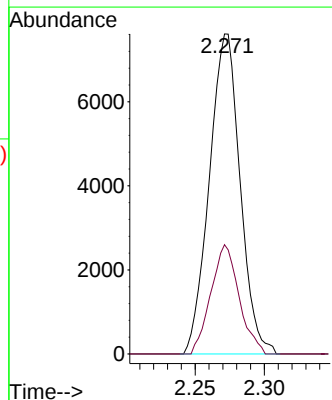
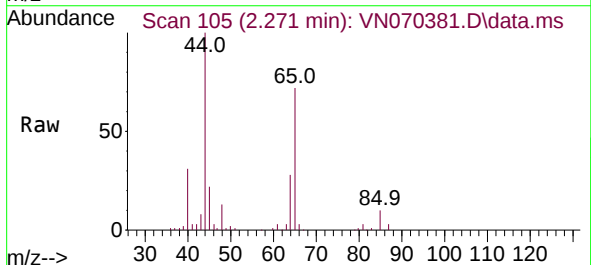
Instrument :
MSVOA_N
ClientSampleId :

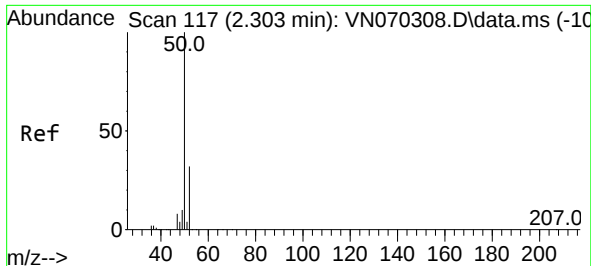
Tgt Ion:168 Resp: 885022
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 1.173 ug/l
RT: 2.271 min Scan# 105
Delta R.T. 0.198 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 85 Resp: 11771
Ion Ratio Lower Upper
85 100
87 34.2 16.3 48.9

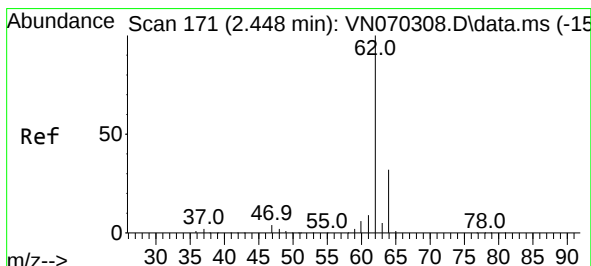
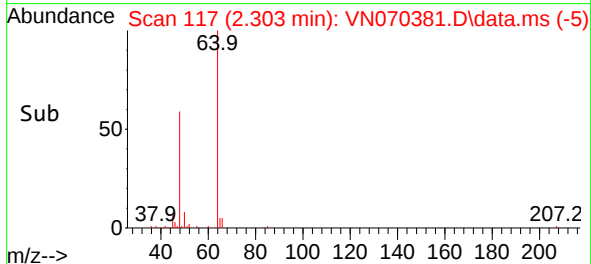
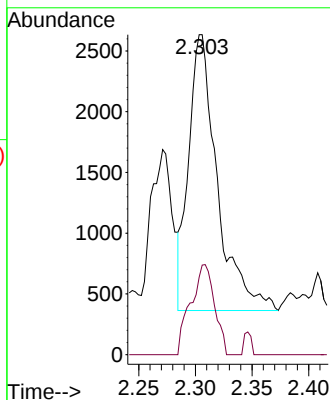
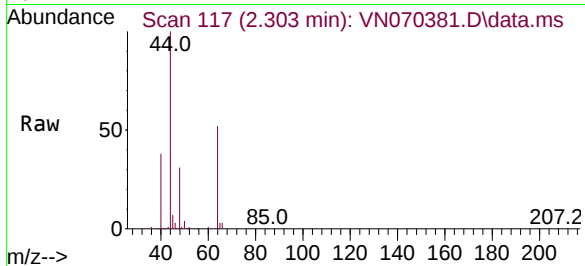




#3
Chloromethane
Concen: 0.293 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

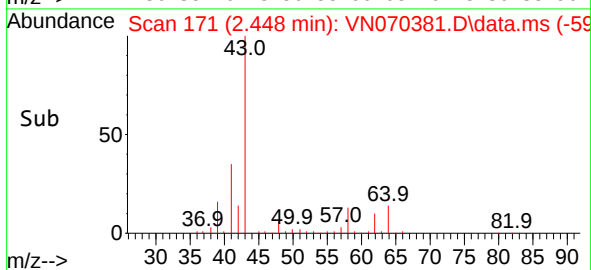
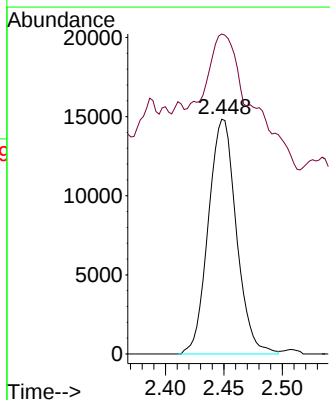
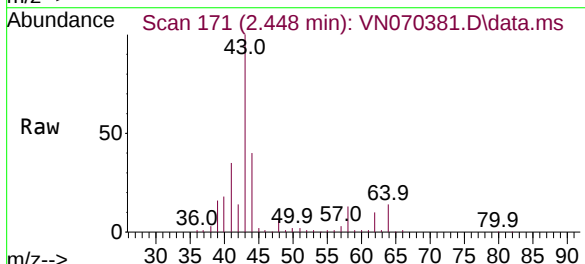
Instrument :
MSVOA_N
ClientSampleId :

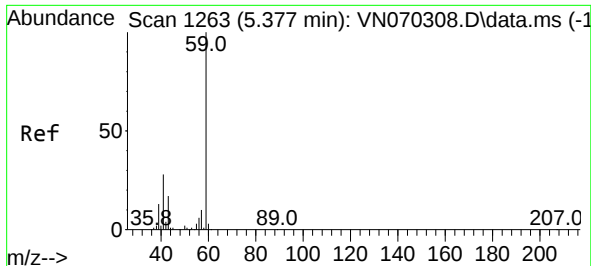
Tgt Ion: 50 Resp: 4001
Ion Ratio Lower Upper
50 100
52 28.1 25.4 38.0



#4
Vinyl Chloride
Concen: 1.997 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 62 Resp: 24823
Ion Ratio Lower Upper
62 100
64 42.9 25.8 38.6#

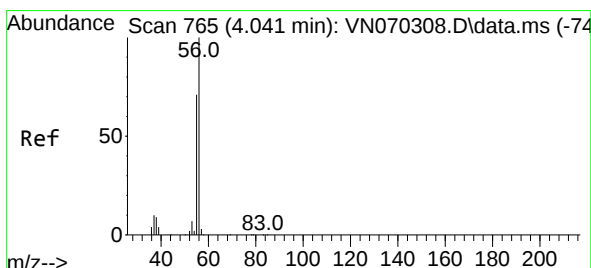
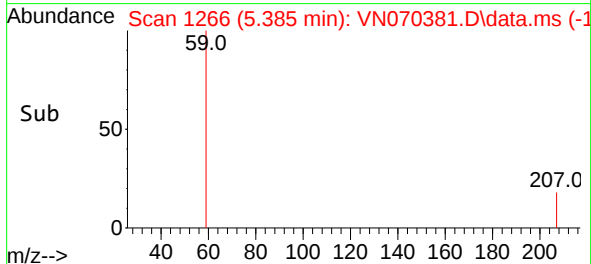
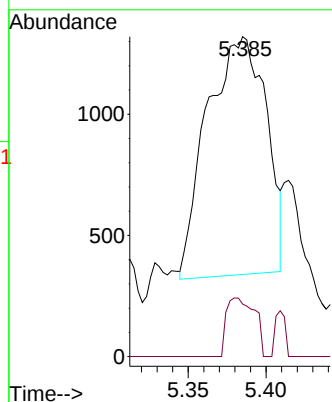
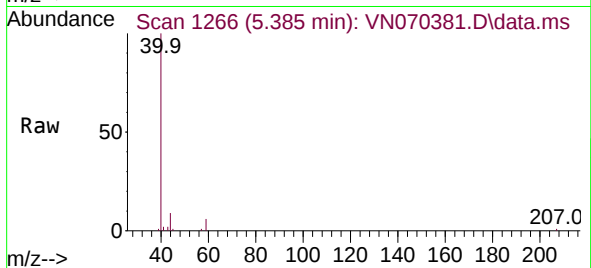




#11
Tert butyl alcohol
Concen: 1.223 ug/l
RT: 5.385 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

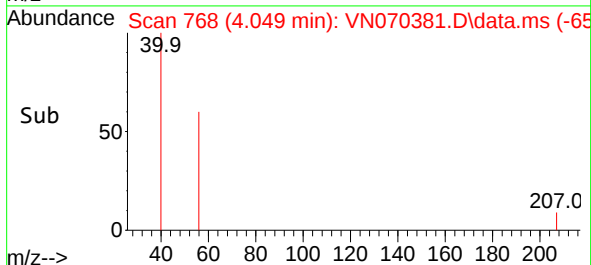
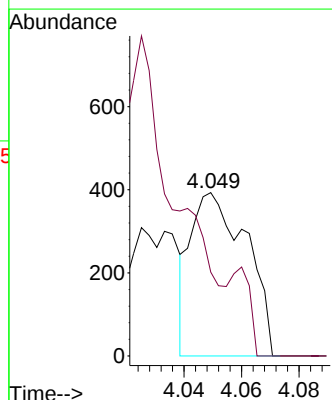
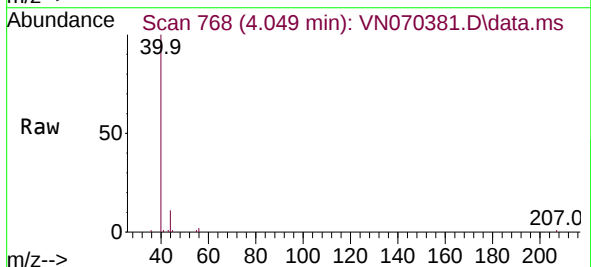
Instrument :
MSVOA_N
ClientSampleId :

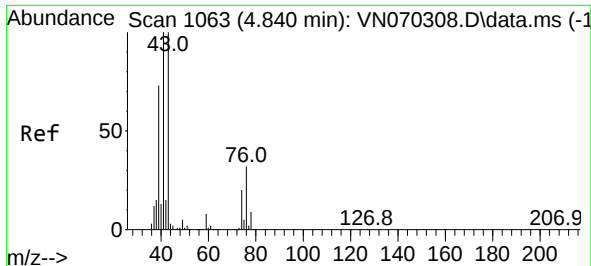
Tgt Ion: 59 Resp: 2591
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.307 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 56 Resp: 528
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#14

Allyl chloride

Concen: 2.983 ug/l

RT: 5.082 min Scan# 1153

Delta R.T. 0.242 min

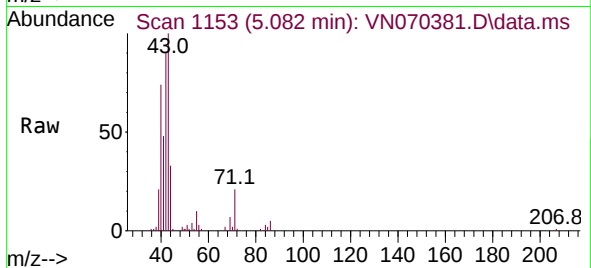
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Acq: 30 Dec 2021 6:43

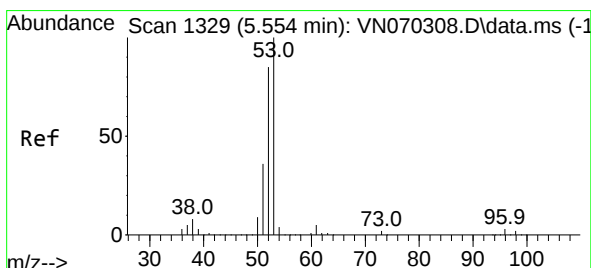
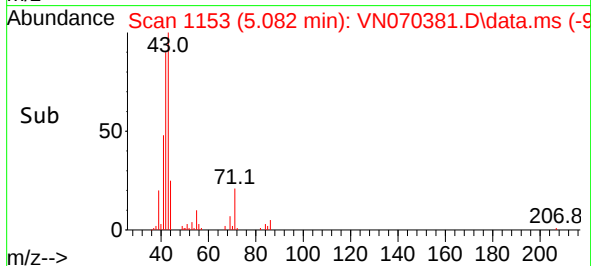
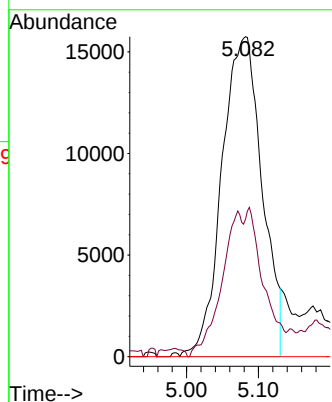
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	60965
Ion Ratio	100	Lower	Upper
39	24.6	61.2	91.8#
76	0.0	26.0	39.0#



#15

Acrylonitrile

Concen: 0.312 ug/l

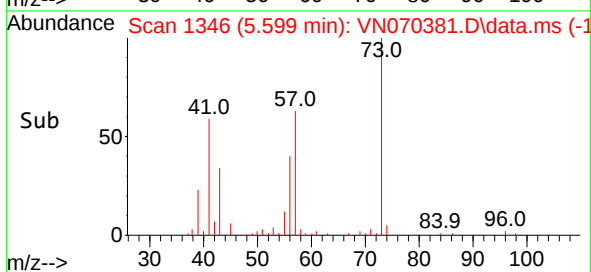
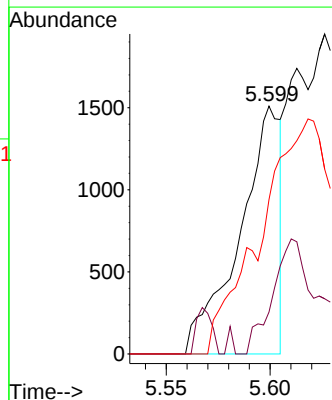
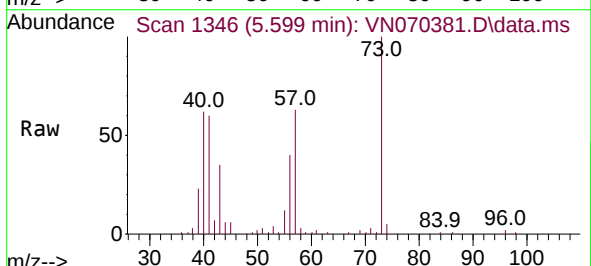
RT: 5.599 min Scan# 1346

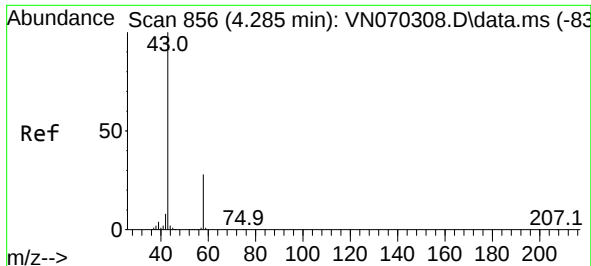
Delta R.T. 0.045 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Tgt Ion:	53	Resp:	2060
Ion Ratio	100	Lower	Upper
52	55.8	66.2	99.2#
51	224.6	29.6	44.4#

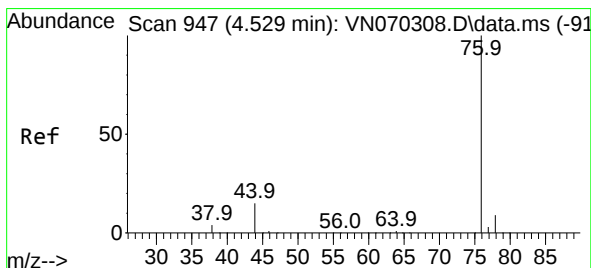
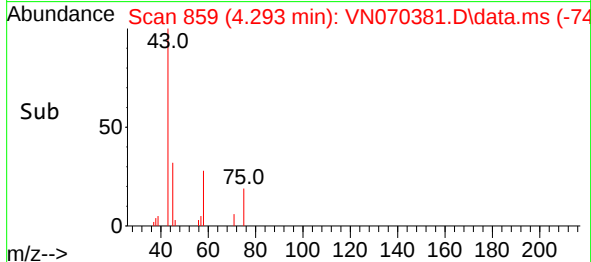
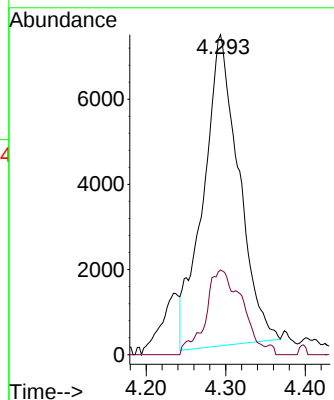
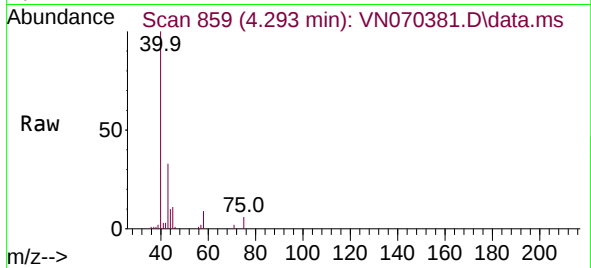




#16
Acetone
Concen: 2.740 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

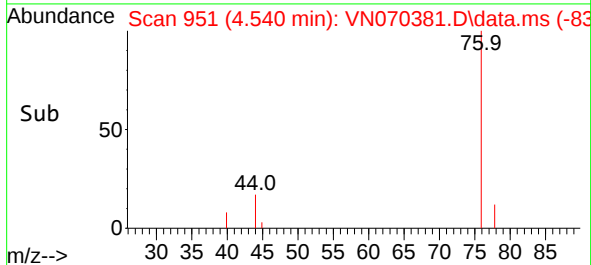
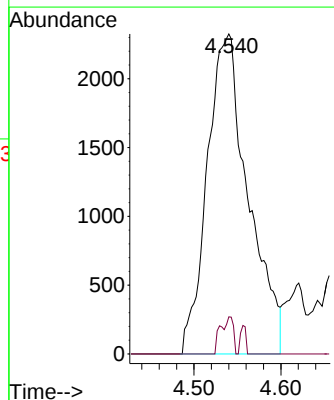
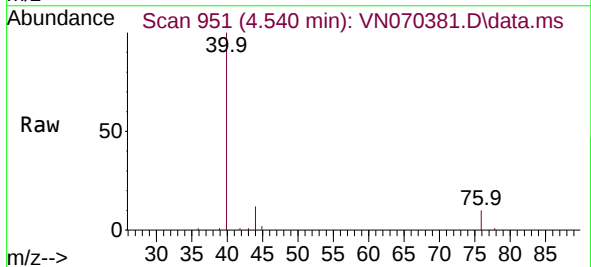
Instrument :
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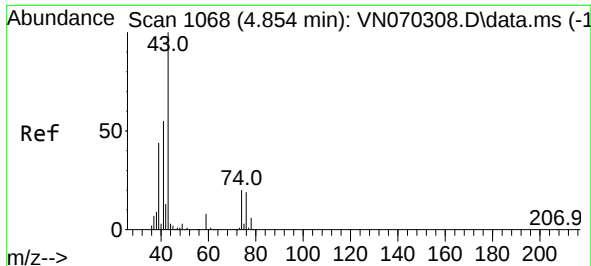
Tgt Ion: 43 Resp: 22631
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7



#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.011 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 76 Resp: 7624
Ion Ratio Lower Upper
76 100
78 11.6 7.5 11.3#





#18

Methyl Acetate

Concen: 0.224 ug/l

RT: 4.859 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

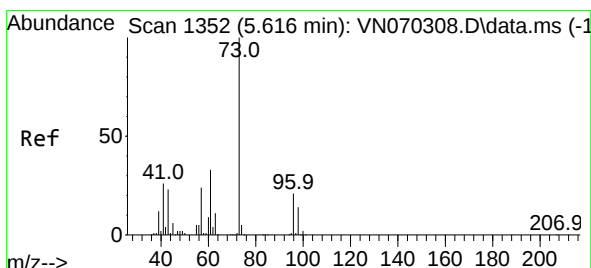
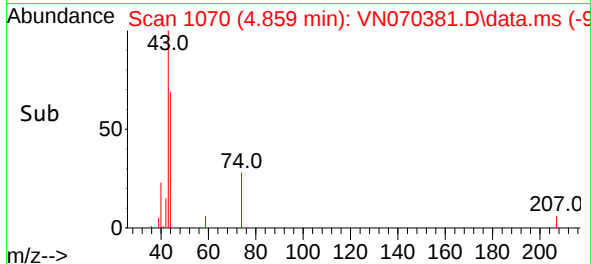
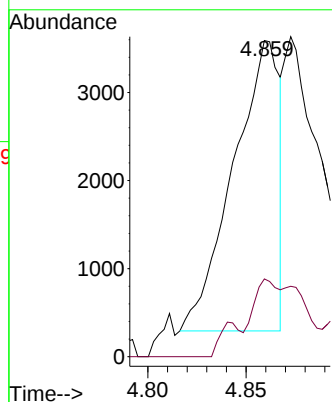
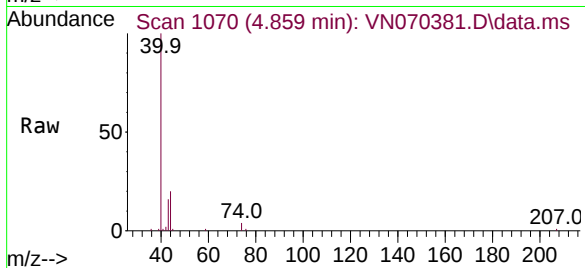
ClientSampleId :

Tgt Ion: 43 Resp: 5343

Ion Ratio Lower Upper

43 100

74 9.5 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 6.119 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.005 min

Lab File: VN070381.D

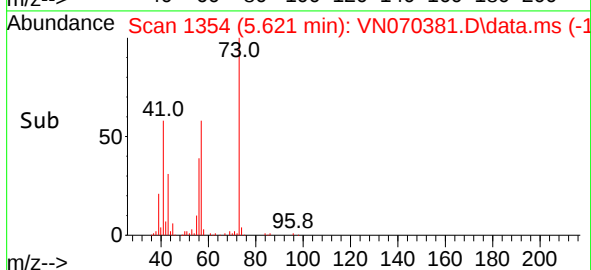
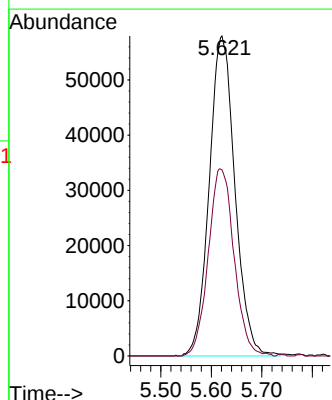
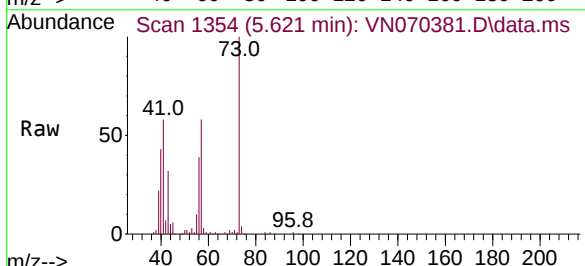
Acq: 30 Dec 2021 6:43

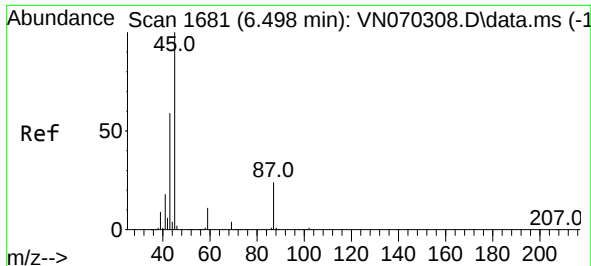
Tgt Ion: 73 Resp: 204816

Ion Ratio Lower Upper

73 100

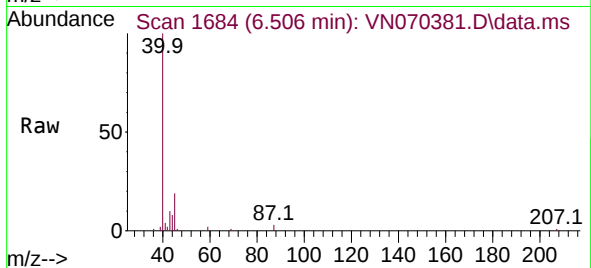
57 58.2 16.8 25.2#



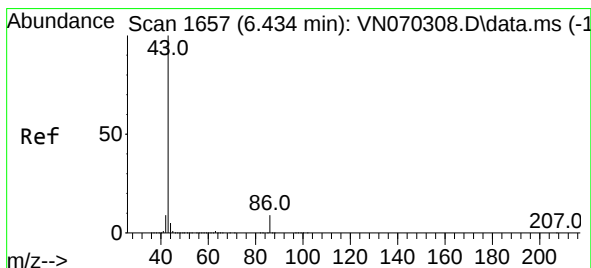
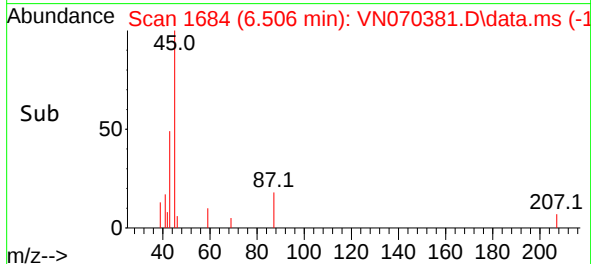
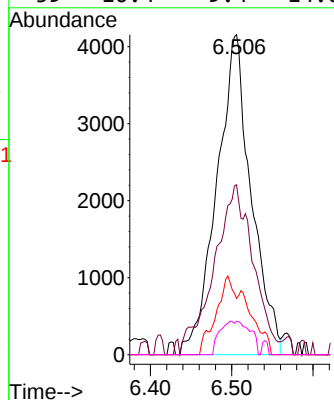


#22
Diisopropyl ether
Concen: 0.307 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.008 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :

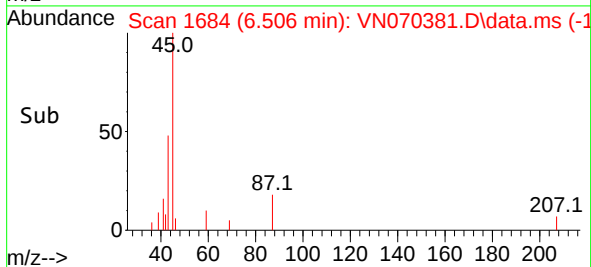
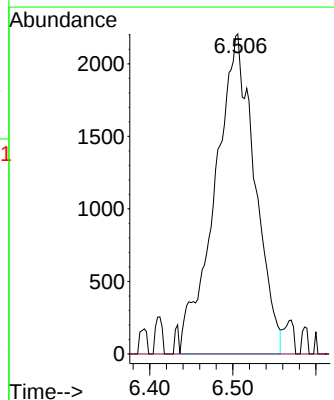
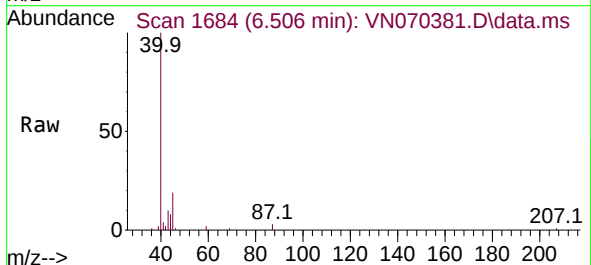


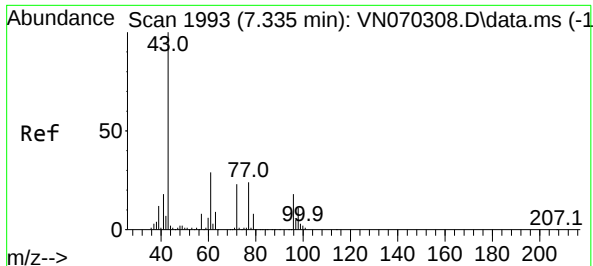
Tgt Ion: 45	Resp: 12234
Ion Ratio	Lower Upper
45 100	
43 53.1	51.7 77.5
87 17.6	23.2 34.8#
59 10.4	9.4 14.0



#23
Vinyl Acetate
Concen: 0.238 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.072 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 43	Resp: 7348
Ion Ratio	Lower Upper
43 100	
86 0.0	8.5 12.7#





#25

2-Butanone

Concen: 1.363 ug/l

RT: 7.324 min Scan# 19

Delta R.T. -0.011 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

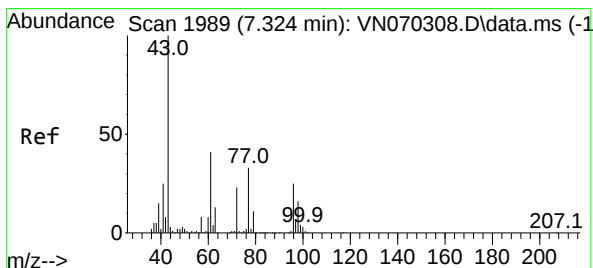
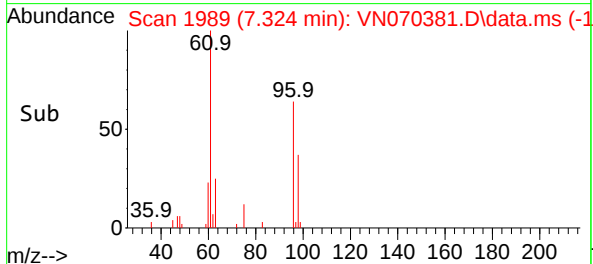
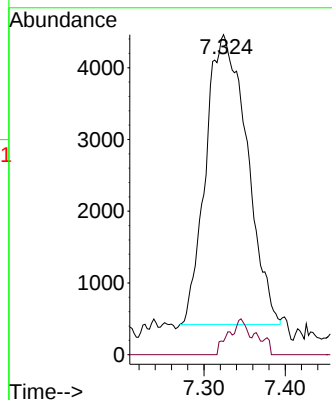
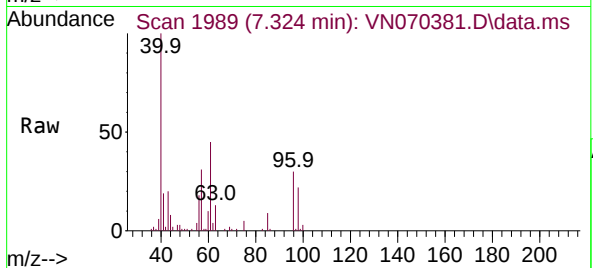
ClientSampleId :

Tgt Ion: 43 Resp: 14179

Ion Ratio Lower Upper

43 100

72 4.6 21.7 32.5#



#27

cis-1,2-Dichloroethene

Concen: 1.637 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.003 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

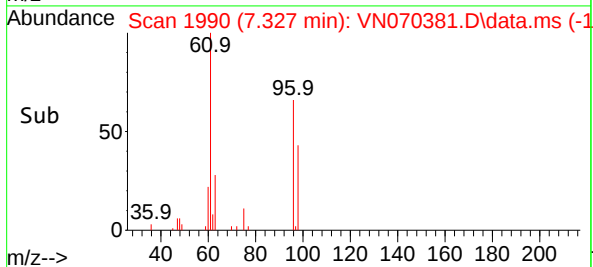
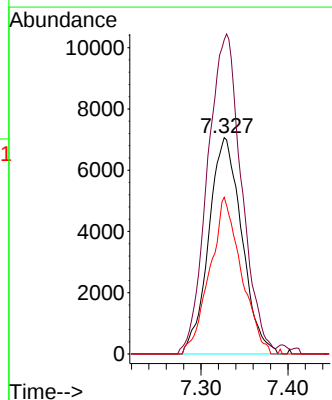
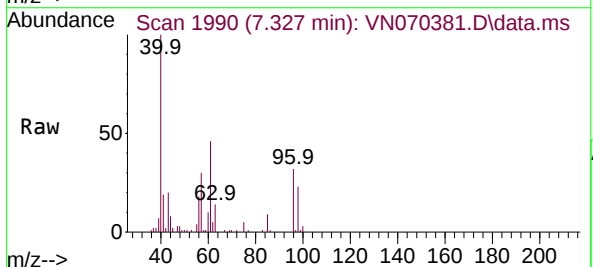
Tgt Ion: 96 Resp: 18640

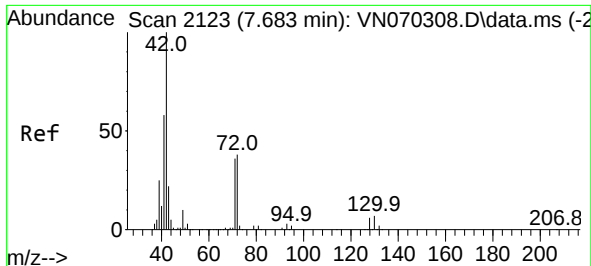
Ion Ratio Lower Upper

96 100

61 152.6 0.0 275.0

98 69.0 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.330 ug/l

RT: 7.702 min Scan# 21

Delta R.T. 0.019 min

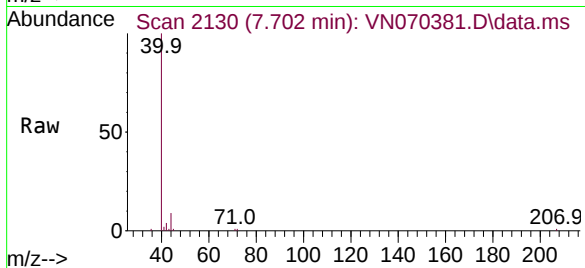
Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

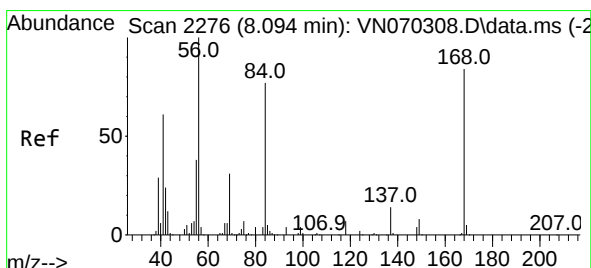
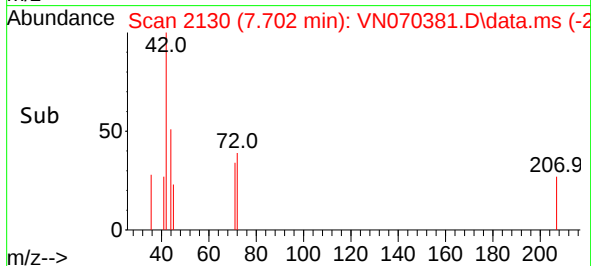
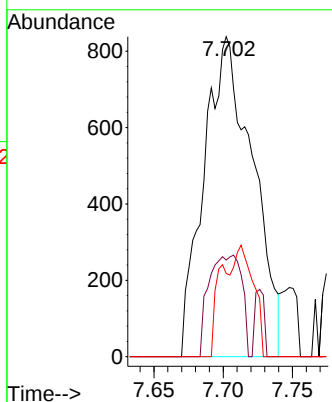
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2050
Ion Ratio	100	Lower	Upper
72	21.3	36.3	54.5#
71	0.0	34.7	52.1#



#31

Cyclohexane

Concen: 1.392 ug/l

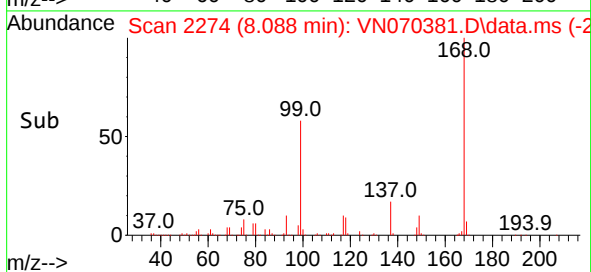
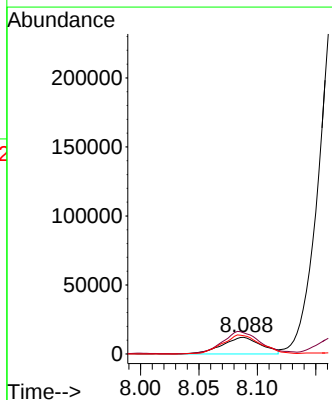
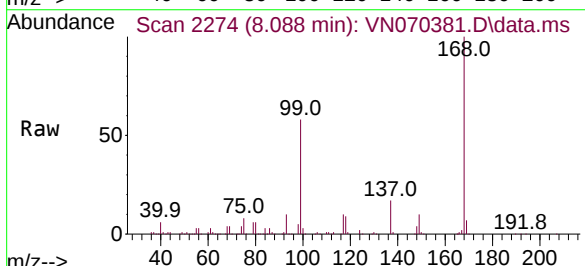
RT: 8.088 min Scan# 2274

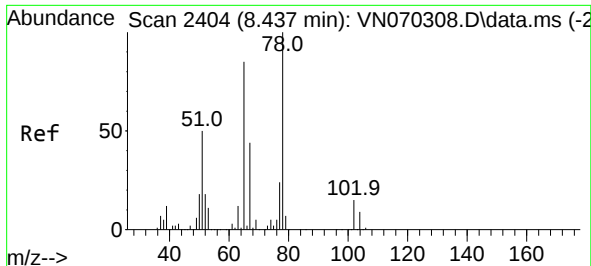
Delta R.T. -0.006 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Tgt Ion:	56	Resp:	27960
Ion Ratio	100	Lower	Upper
69	125.4	27.1	40.7#
84	109.5	73.4	110.0





#33

1,2-Dichloroethane-d4

Concen: 52.521 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

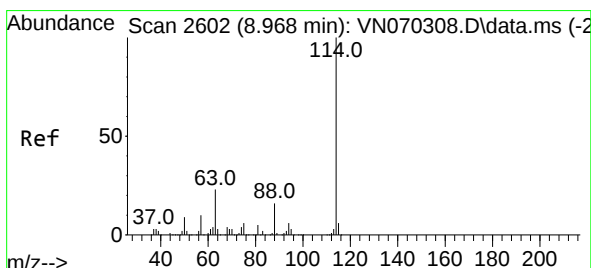
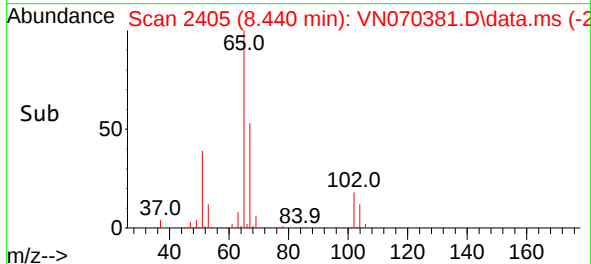
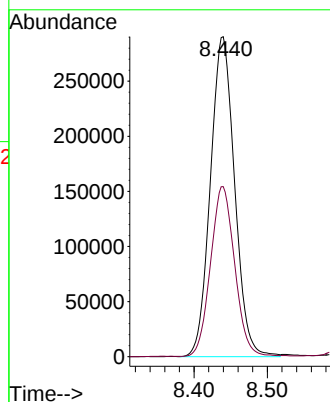
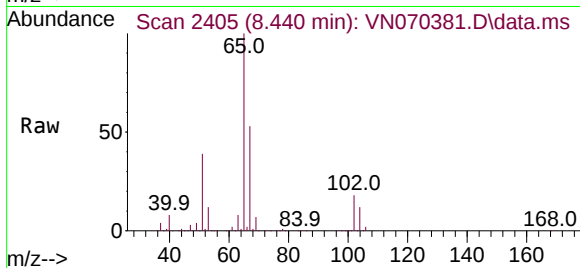
ClientSampleId :

Tgt Ion: 65 Resp: 668329

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

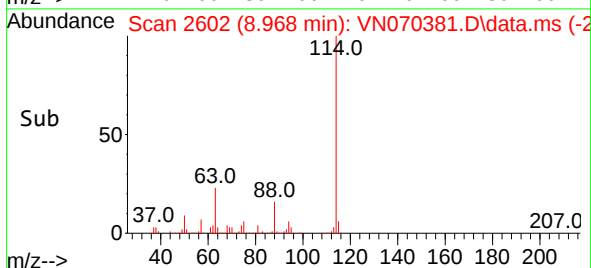
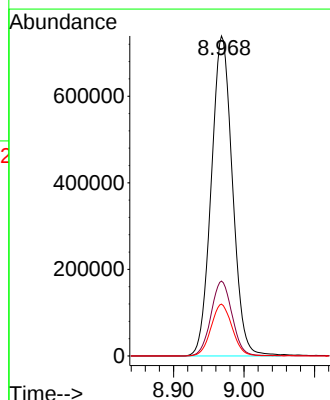
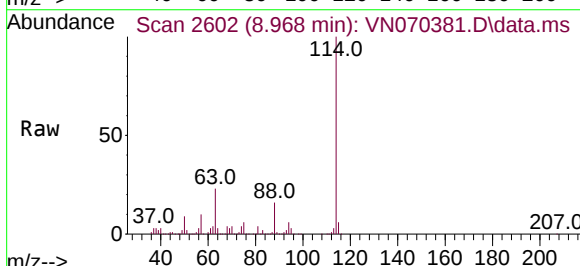
Tgt Ion: 114 Resp: 1540147

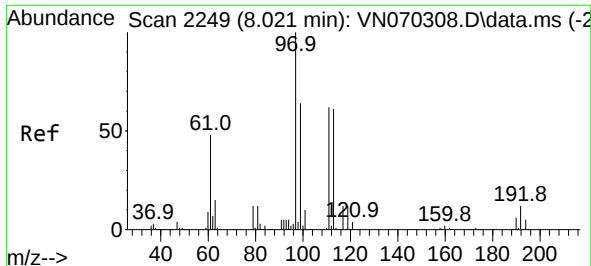
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

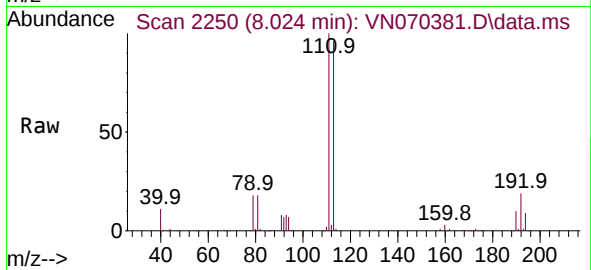
88 16.2 0.0 27.4



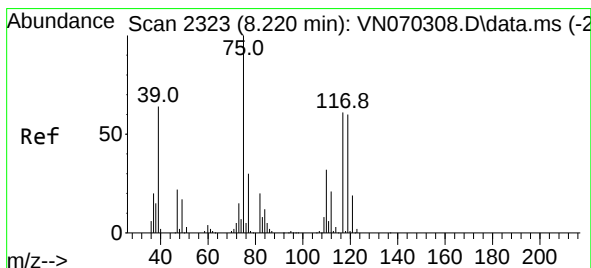
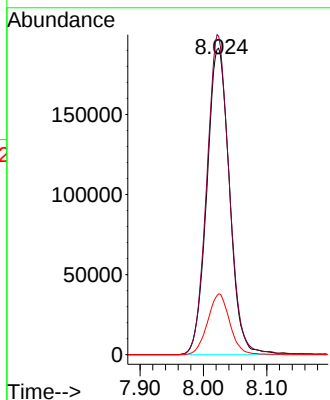
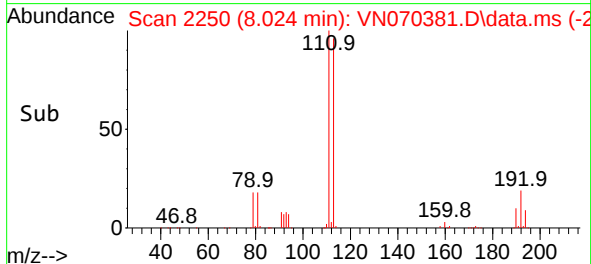


#35
Dibromofluoromethane
Concen: 50.953 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :

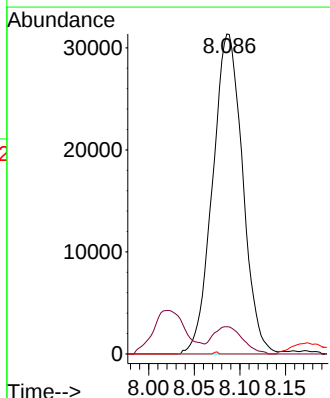
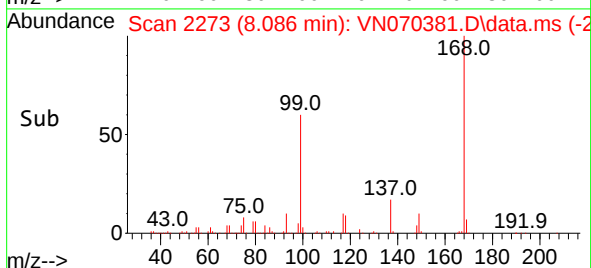
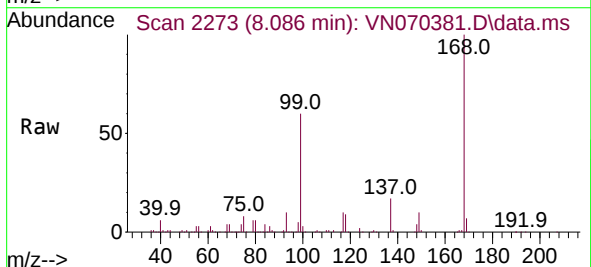


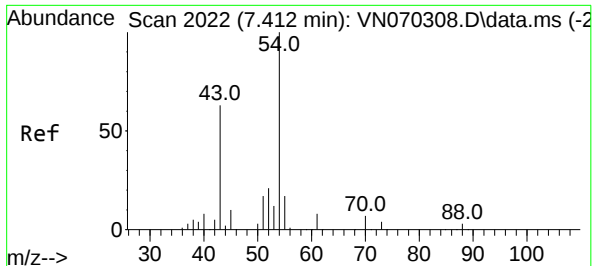
Tgt Ion:113 Resp: 474813
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.650 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 75 Resp: 71687
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.710 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.088 min

Lab File: VN070381.D

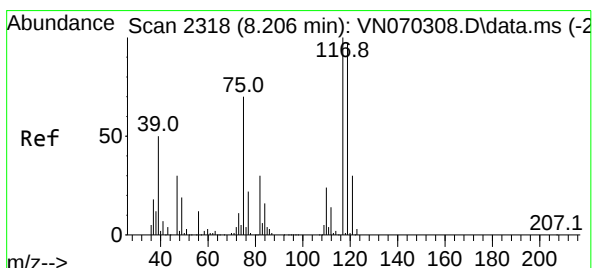
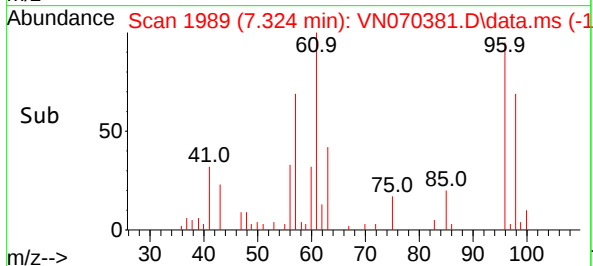
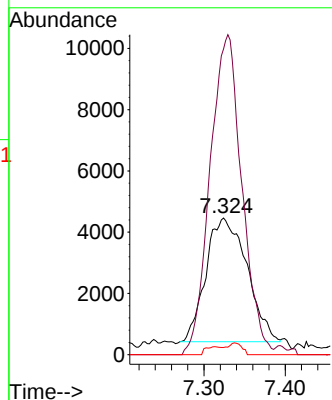
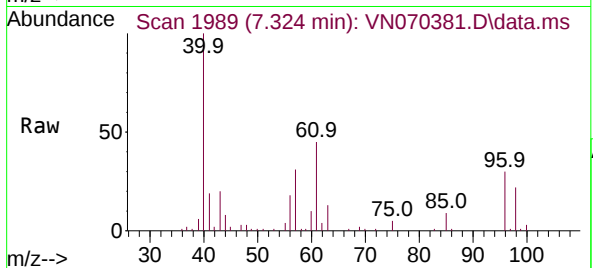
Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 14179
Ion Ratio	Lower Upper
43 100	
61 200.6	11.5 17.3#
70 2.7	7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.844 ug/l

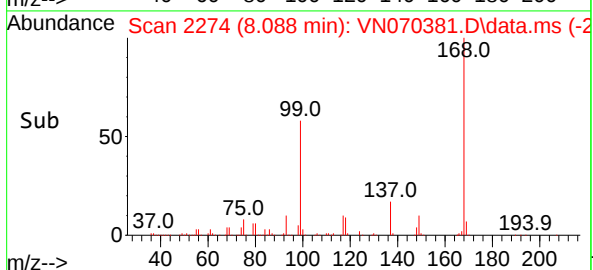
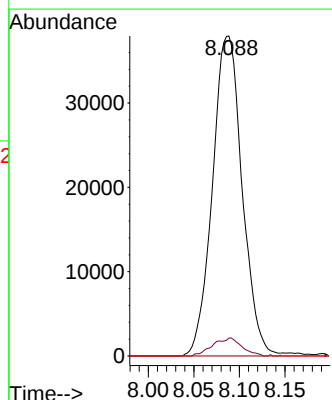
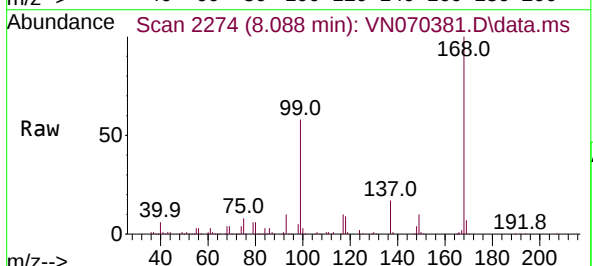
RT: 8.088 min Scan# 2274

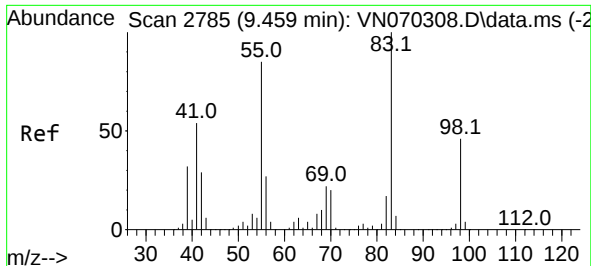
Delta R.T. -0.118 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Tgt Ion: 117	Resp: 86021
Ion Ratio	Lower Upper
117 100	
119 5.5	76.1 114.1#
121 0.0	24.2 36.2#





#39

Methylcyclohexane

Concen: 0.912 ug/l

RT: 9.429 min Scan# 21

Delta R.T. -0.030 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

ClientSampleId :

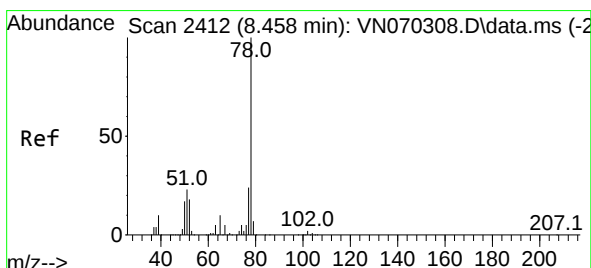
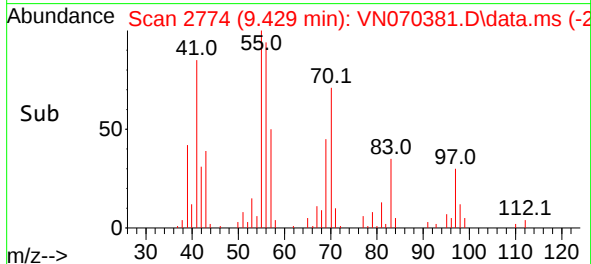
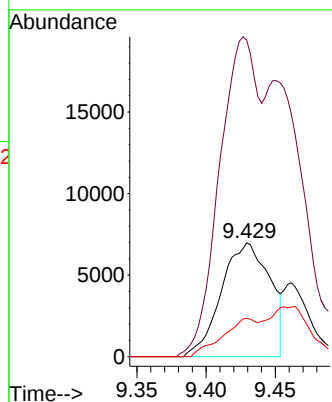
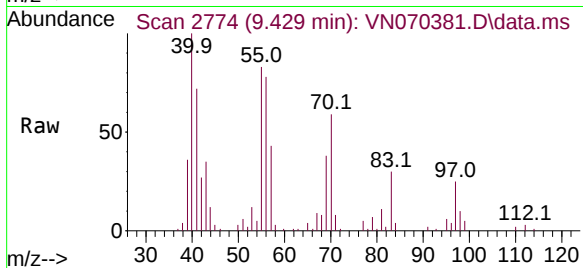
Tgt Ion: 83 Resp: 17029

Ion Ratio Lower Upper

83 100

55 274.9 58.1 87.1#

98 33.6 38.4 57.6#



#40

Benzene

Concen: 0.232 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. 0.000 min

Lab File: VN070381.D

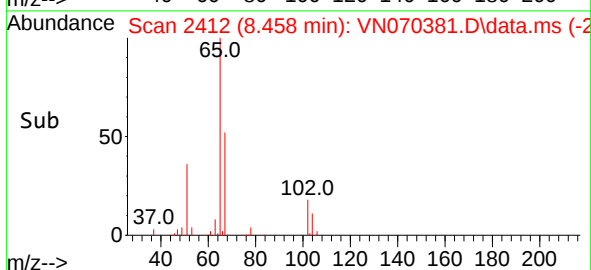
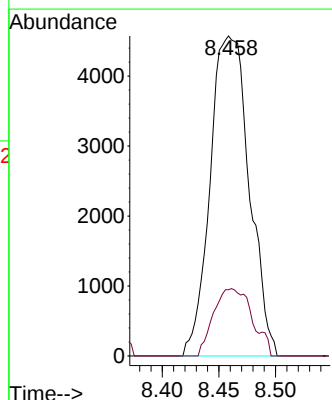
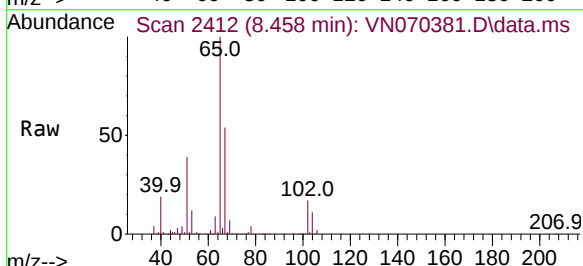
Acq: 30 Dec 2021 6:43

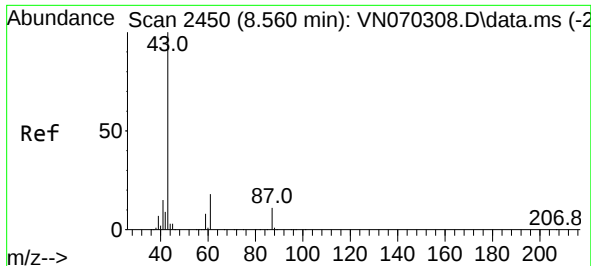
Tgt Ion: 78 Resp: 10981

Ion Ratio Lower Upper

78 100

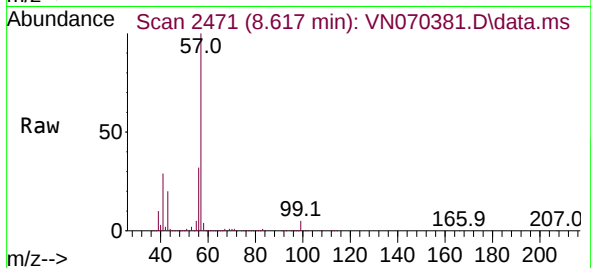
77 20.7 18.6 27.8



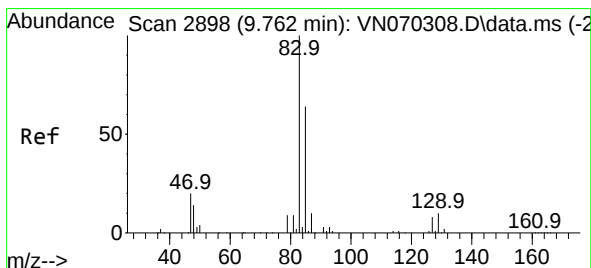
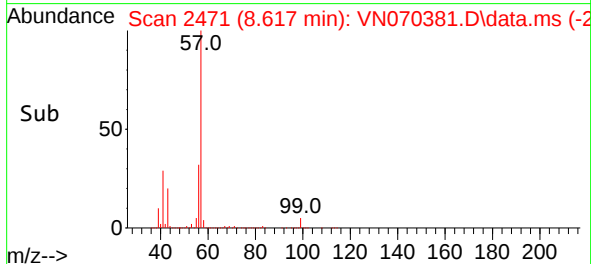
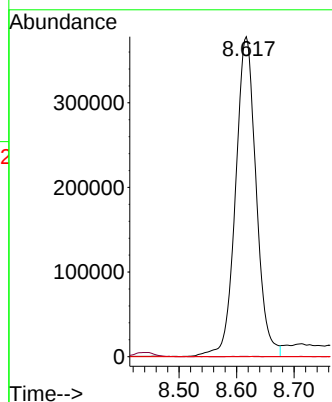


#43
Isopropyl Acetate
Concen: 29.872 ug/l
RT: 8.617 min Scan# 2450
Delta R.T. 0.057 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :

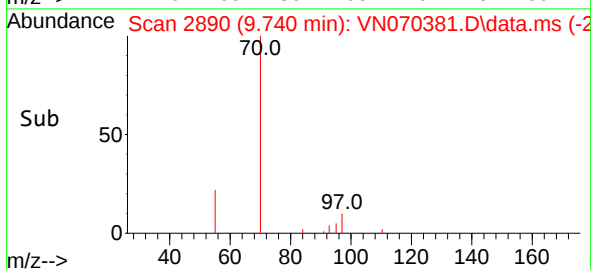
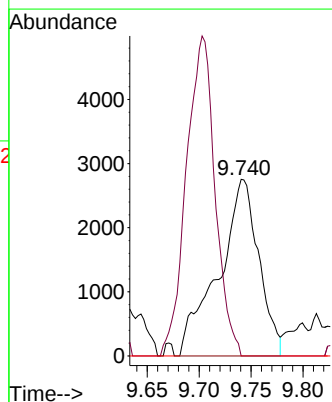
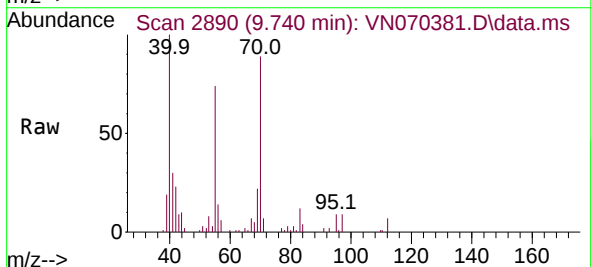


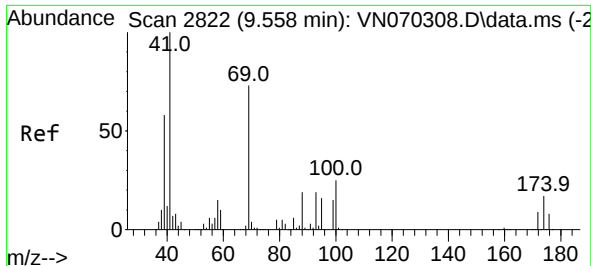
Tgt Ion: 43 Resp: 941068
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.475 ug/l
RT: 9.740 min Scan# 2890
Delta R.T. -0.022 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 83 Resp: 7468
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

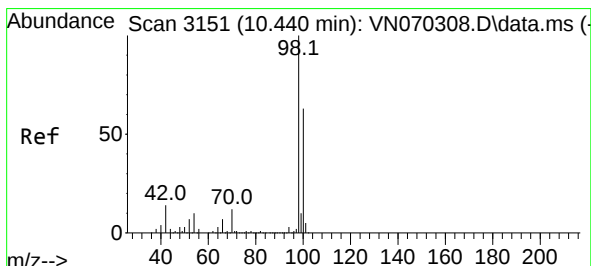
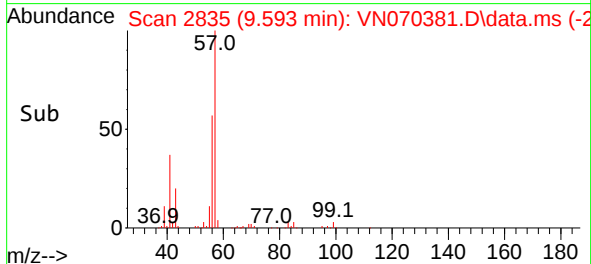
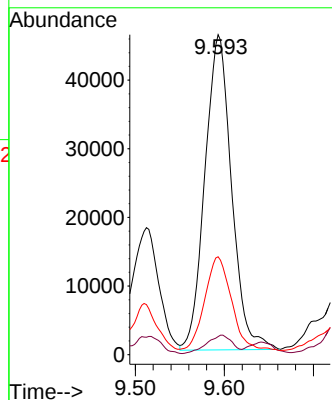
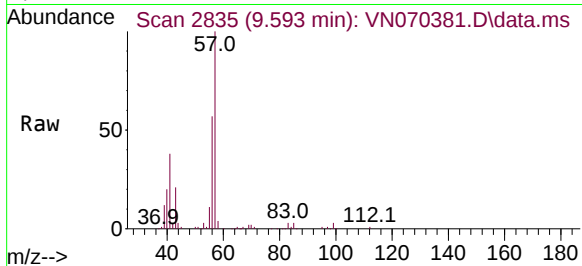




#48
Methyl methacrylate
Concen: 6.365 ug/l
RT: 9.593 min Scan# 21
Delta R.T. 0.035 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

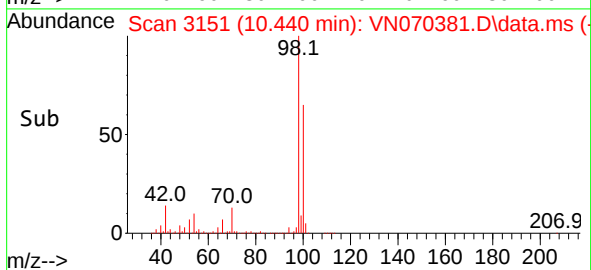
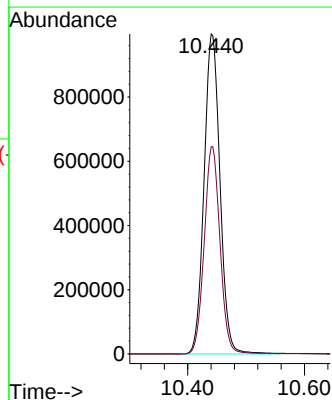
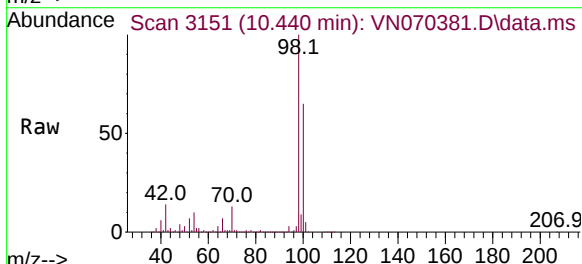
Instrument :
MSVOA_N
ClientSampleId :

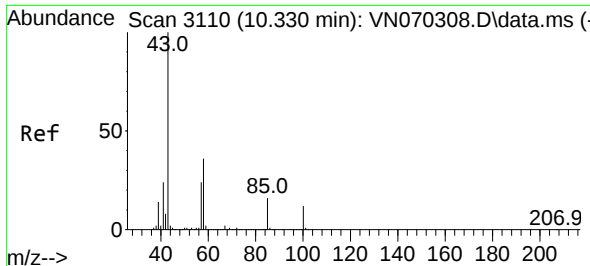
Tgt Ion: 41 Resp: 95653
Ion Ratio Lower Upper
41 100
69 5.6 72.4 108.6#
39 28.8 58.4 87.6#



#50
Toluene-d8
Concen: 49.573 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 98 Resp: 1887142
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

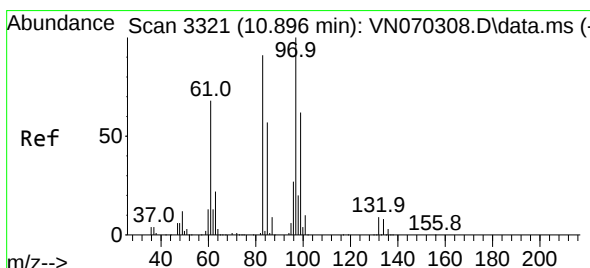
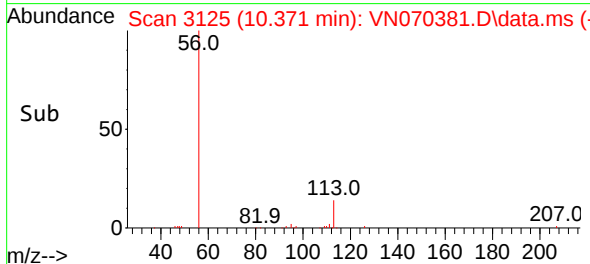
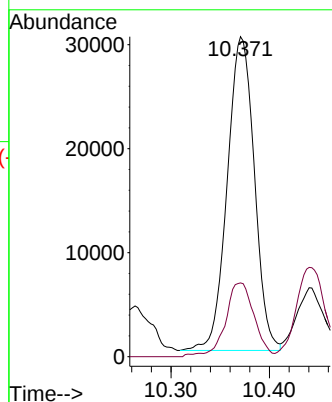
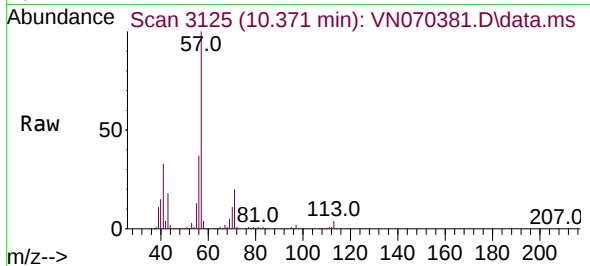




#51
4-Methyl-2-Pentanone
Concen: 2.923 ug/l
RT: 10.371 min Scan# 3110
Delta R.T. 0.041 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

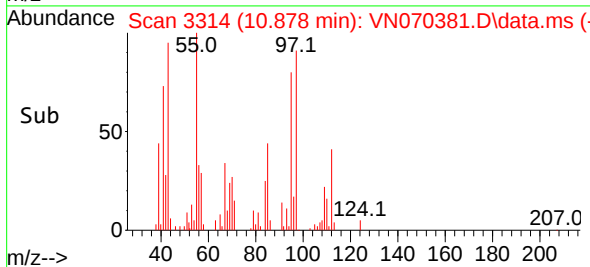
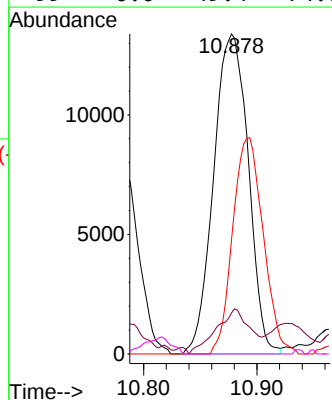
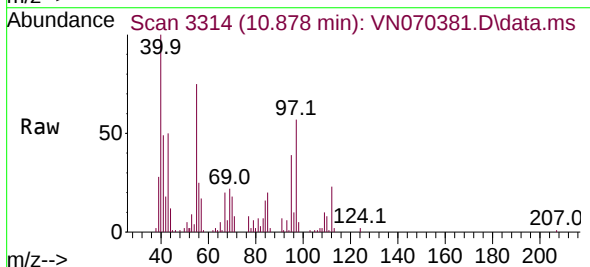
Instrument :
MSVOA_N
ClientSampleId :

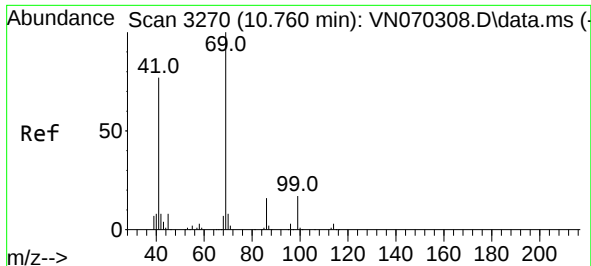
Tgt Ion: 43 Resp: 57853
Ion Ratio Lower Upper
43 100
58 24.8 30.4 45.6#



#55
1,1,2-Trichloroethane
Concen: 2.508 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.018 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 97 Resp: 28392
Ion Ratio Lower Upper
97 100
83 10.9 67.8 101.6#
85 35.8 45.4 68.2#
99 0.0 49.4 74.0#

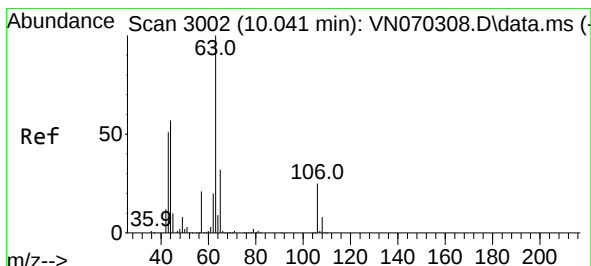
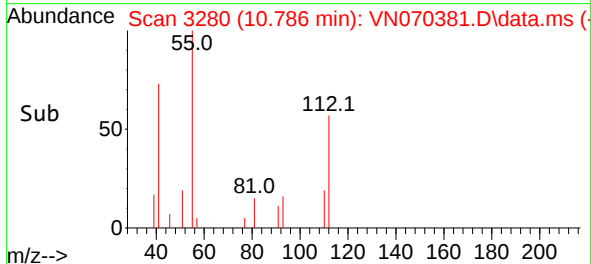
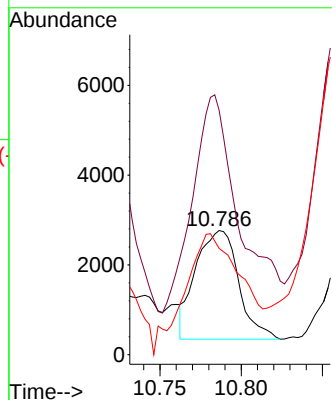
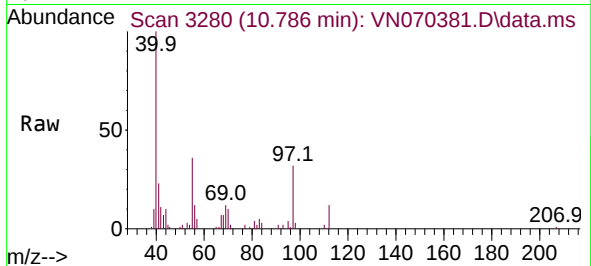




#56
Ethyl methacrylate
Concen: 0.238 ug/l
RT: 10.786 min Scan# 31
Delta R.T. 0.026 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

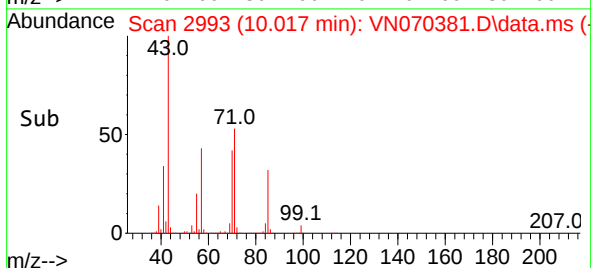
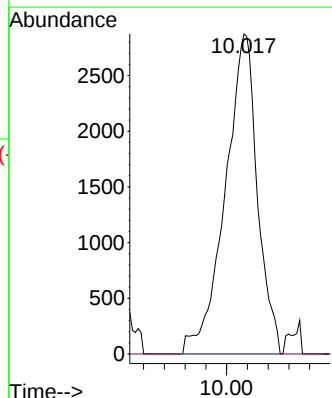
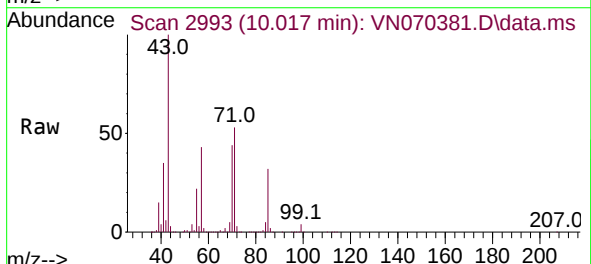
Instrument :
MSVOA_N
ClientSampleId :

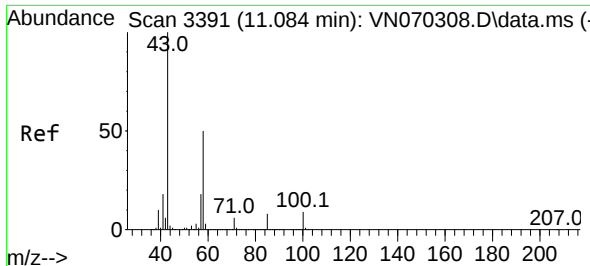
Tgt Ion: 69 Resp: 4449
Ion Ratio Lower Upper
69 100
41 217.1 51.4 77.0#
39 148.4 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.712 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.024 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 63 Resp: 6185
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

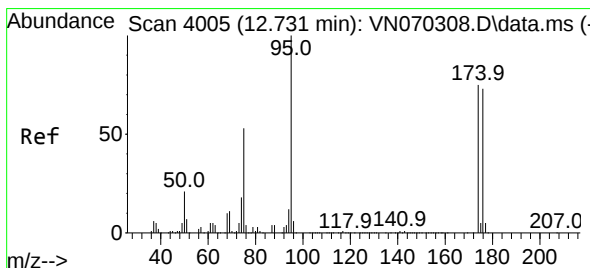
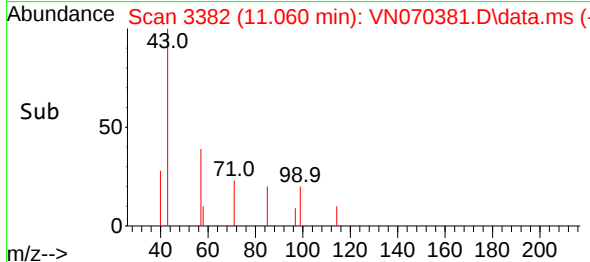
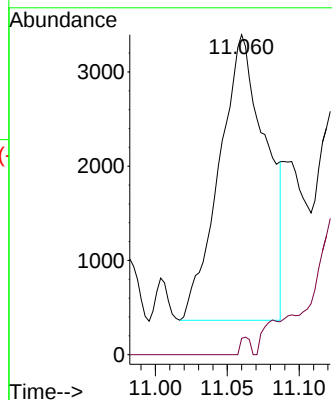
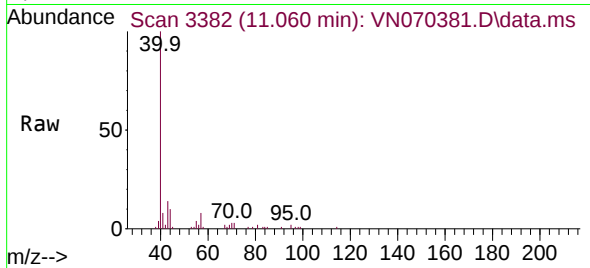




#59
2-Hexanone
Concen: 0.474 ug/l
RT: 11.060 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

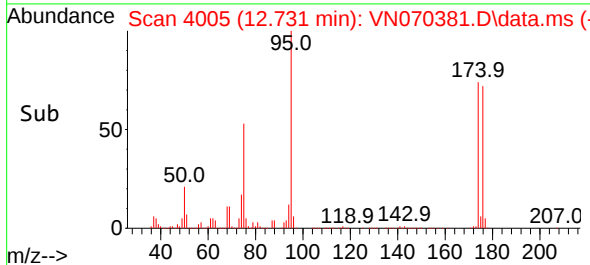
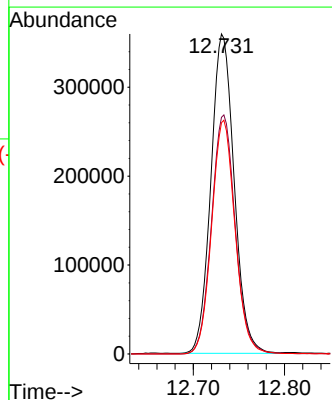
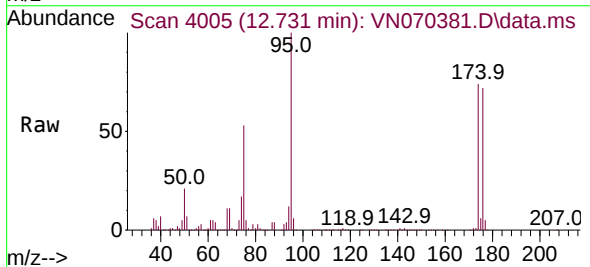
Instrument :
MSVOA_N
ClientSampleId :

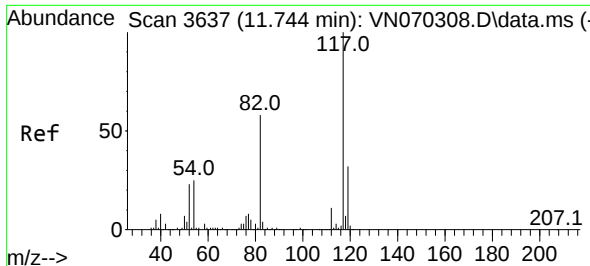
Tgt Ion: 43 Resp: 6839
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 46.388 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

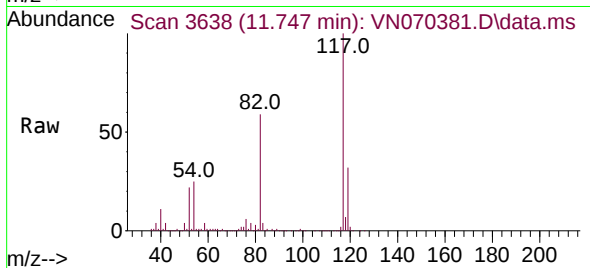
Tgt Ion: 95 Resp: 637794
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.6 0.0 181.4



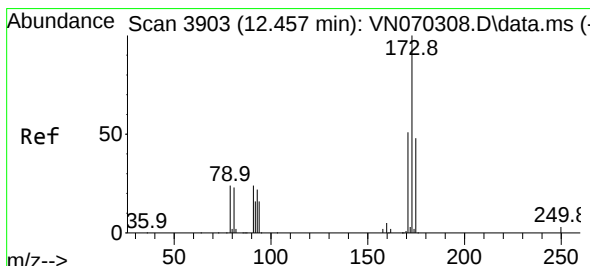
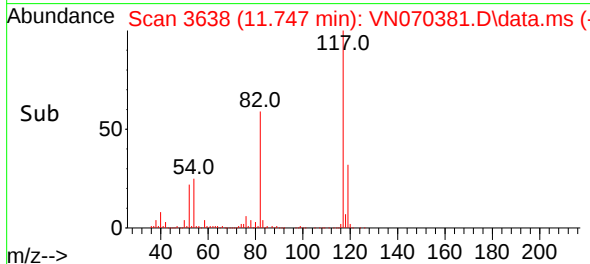
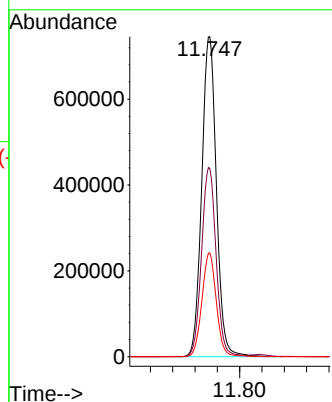


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :

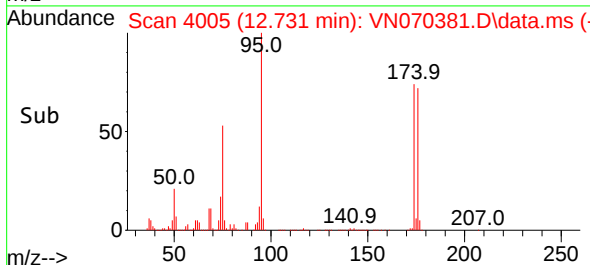
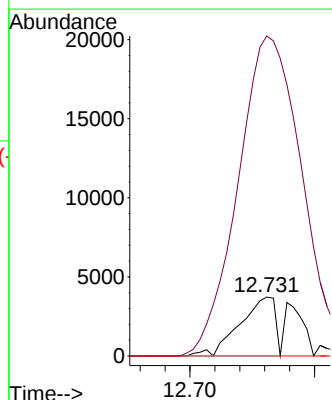
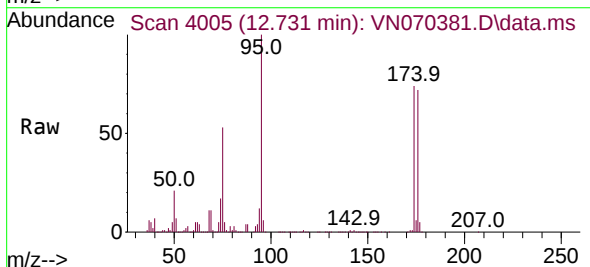


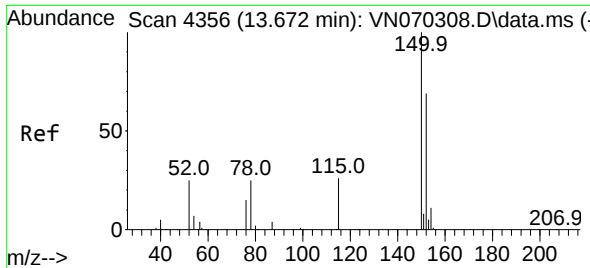
Tgt Ion:117 Resp: 1361276
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.5 25.4 38.2



#71
Bromoform
Concen: 0.478 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

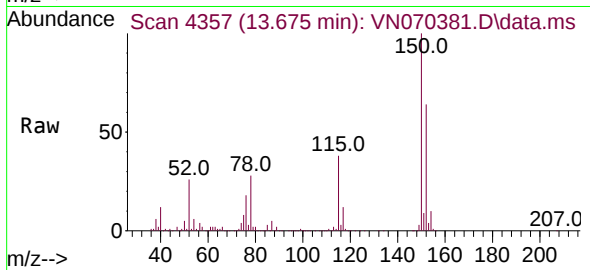
Tgt Ion:173 Resp: 3660
Ion Ratio Lower Upper
173 100
175 897.9 24.2 72.6#
254 0.0 0.0 0.0



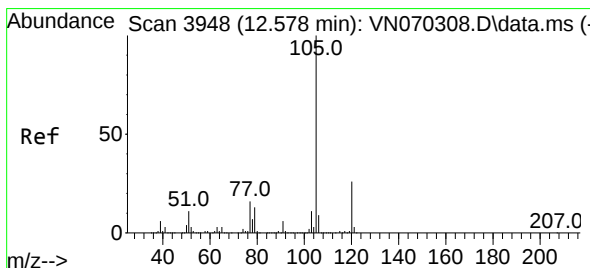
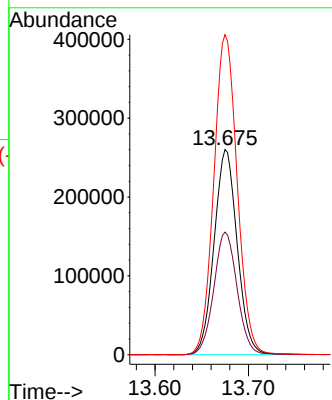
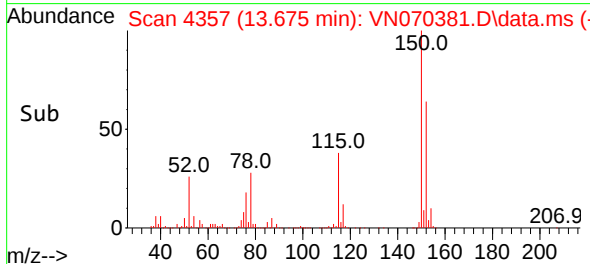


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

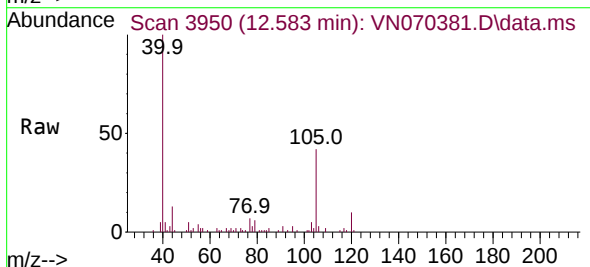
Instrument :
MSVOA_N
ClientSampleId :



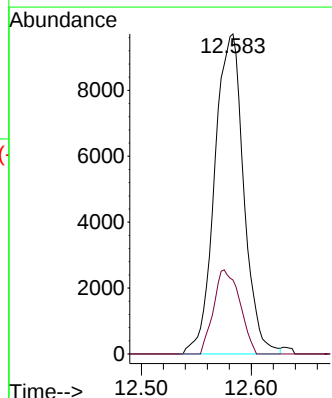
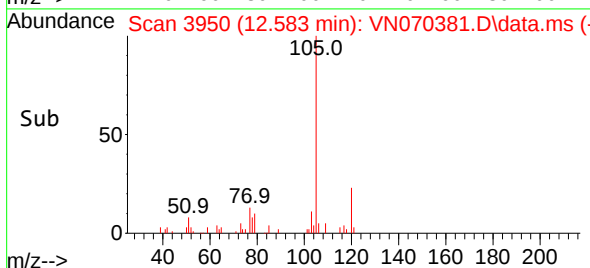
Tgt Ion:152 Resp: 447600
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 158.4 0.0 344.4

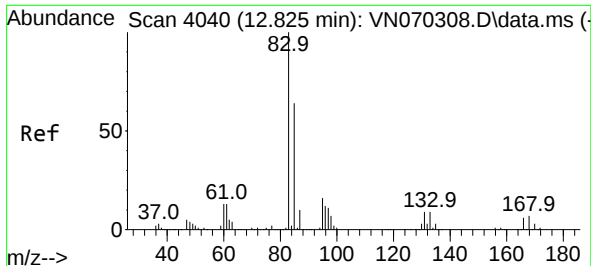


#73
Isopropylbenzene
Concen: 0.428 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.005 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43



Tgt Ion:105 Resp: 17800
Ion Ratio Lower Upper
105 100
120 23.6 13.4 40.1

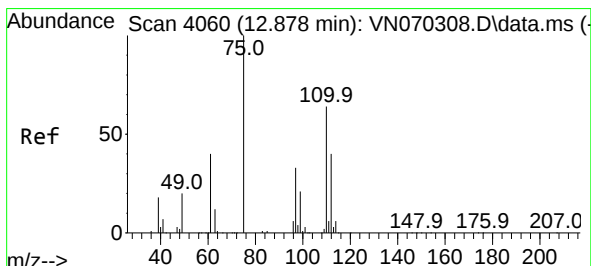
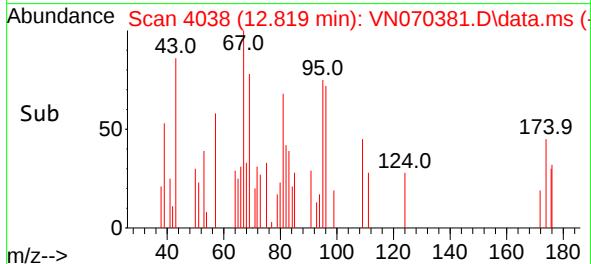
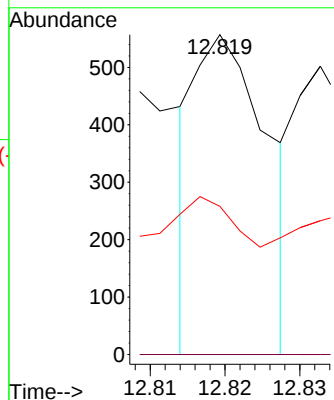
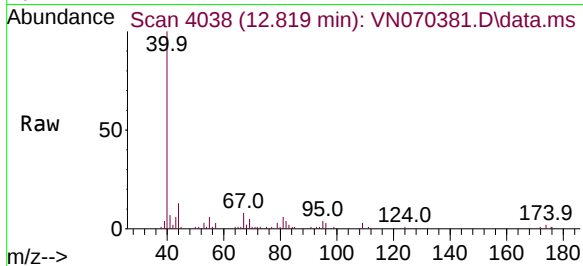




#75
1,1,2,2-Tetrachloroethane
Concen: 0.472 ug/l
RT: 12.819 min Scan# 4038
Delta R.T. -0.006 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

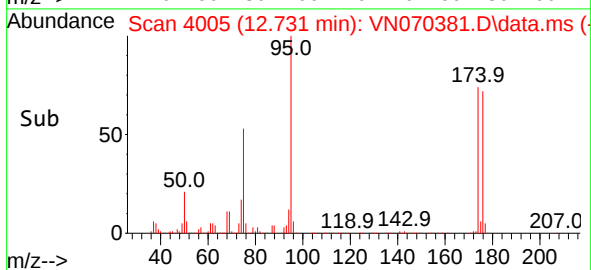
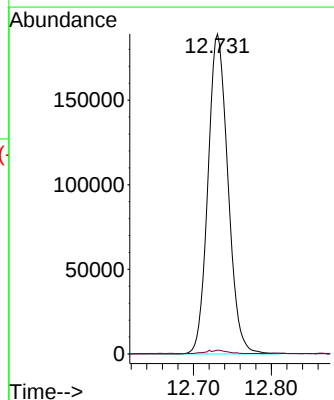
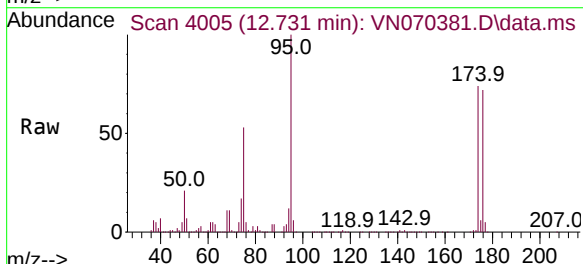
Instrument :
MSVOA_N
ClientSampleId :

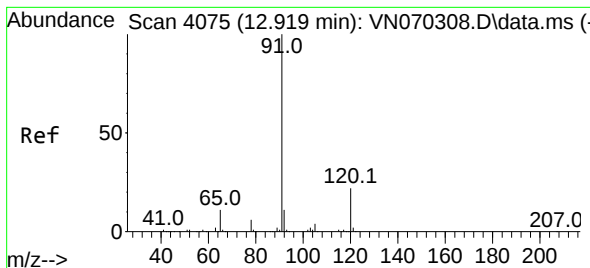
Tgt Ion: 83 Resp: 373
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 92.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 26.813 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 75 Resp: 337531
Ion Ratio Lower Upper
75 100
77 0.6 82.6 247.8#





#78

n-propylbenzene

Concen: 0.621 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.002 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

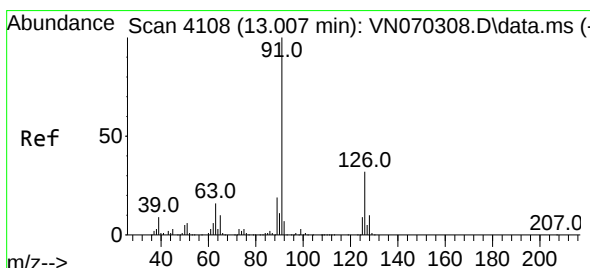
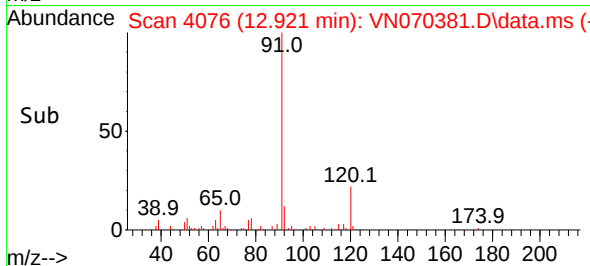
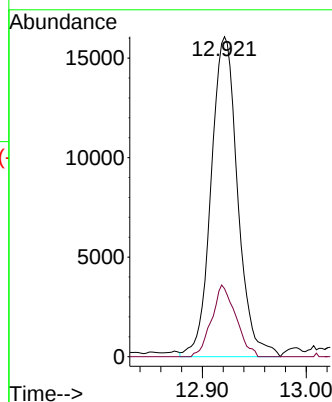
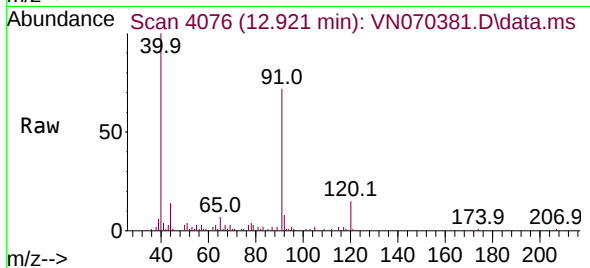
ClientSampleId :

Tgt Ion: 91 Resp: 28582

Ion Ratio Lower Upper

91 100

120 20.4 11.9 35.9



#79

2-Chlorotoluene

Concen: 0.967 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.086 min

Lab File: VN070381.D

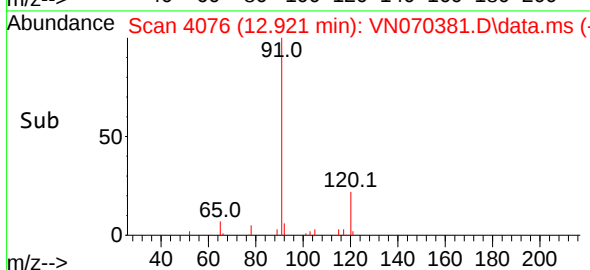
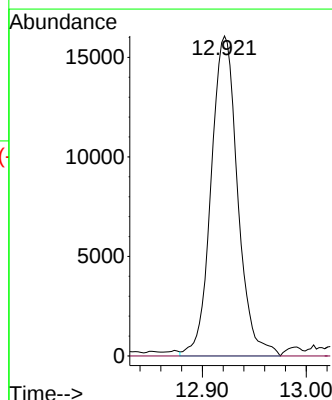
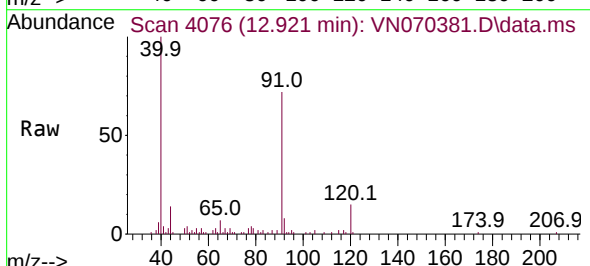
Acq: 30 Dec 2021 6:43

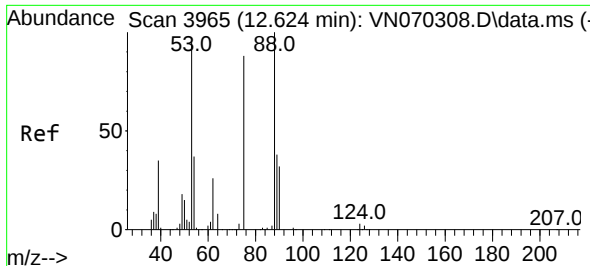
Tgt Ion: 91 Resp: 28582

Ion Ratio Lower Upper

91 100

126 0.0 18.3 54.8#

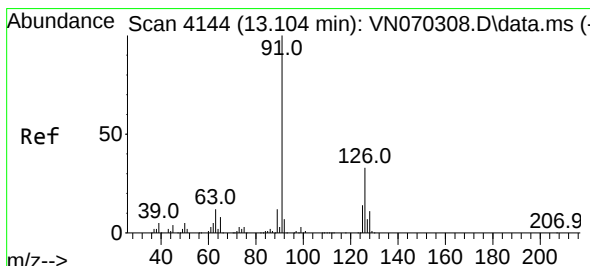
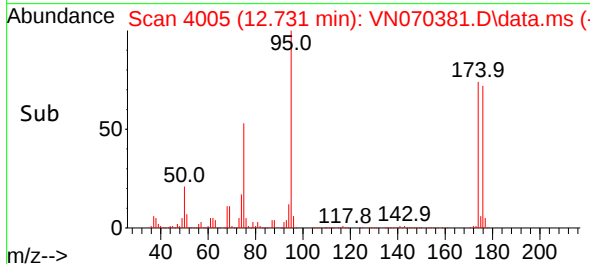
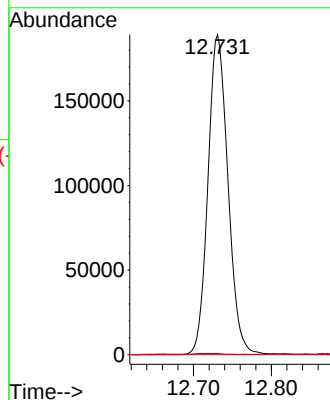
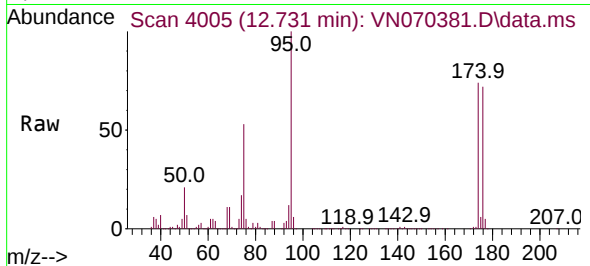




#81
trans-1,4-Dichloro-2-butene
Concen: 92.132 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

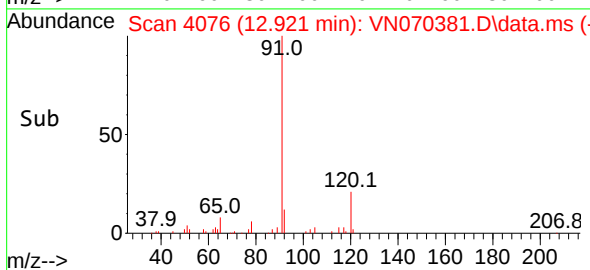
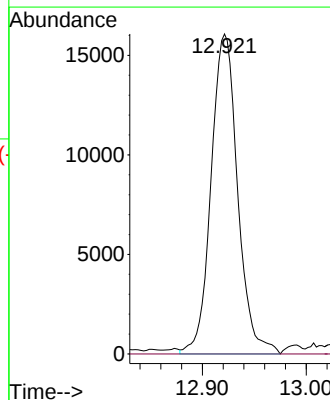
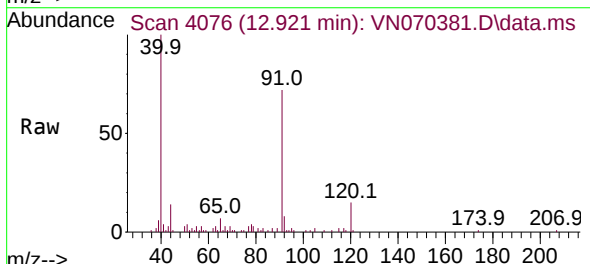
Instrument :
MSVOA_N
ClientSampleId :

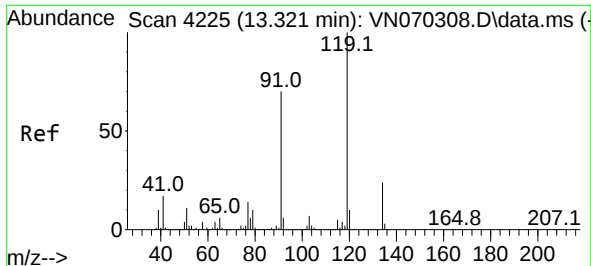
Tgt Ion: 75 Resp: 337531
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.033 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.183 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

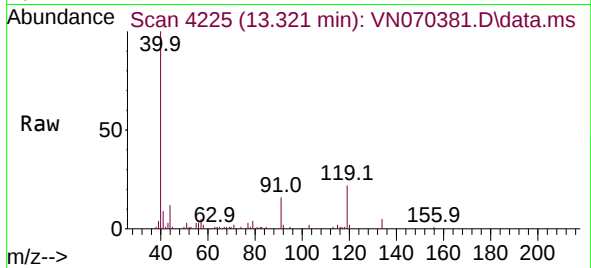
Tgt Ion: 91 Resp: 28582
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



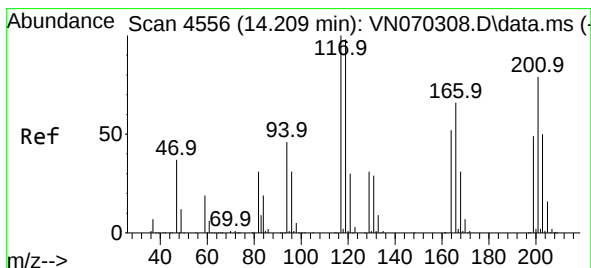
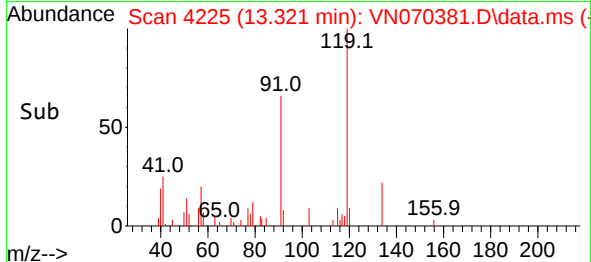
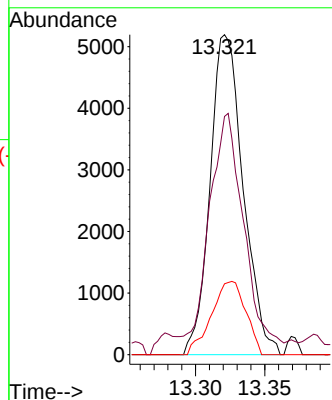


#83
 tert-Butylbenzene
 Concen: 0.295 ug/l
 RT: 13.321 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070381.D
 Acq: 30 Dec 2021 6:43

Instrument :
 MSVOA_N
 ClientSampleId :

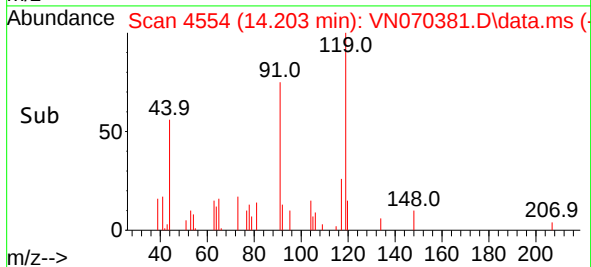
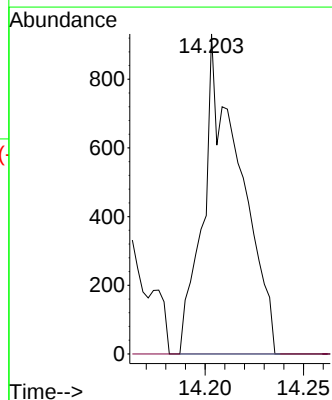
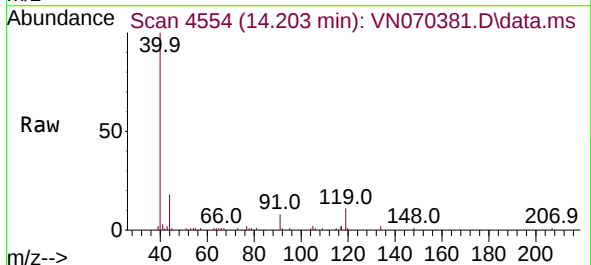


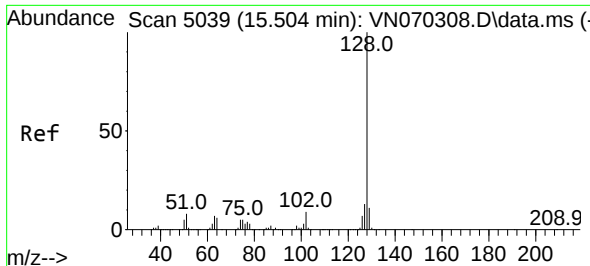
Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.5	31.5	94.5
134	23.6	12.4	37.4



#90
 Hexachloroethane
 Concen: 0.223 ug/l
 RT: 14.203 min Scan# 4554
 Delta R.T. -0.006 min
 Lab File: VN070381.D
 Acq: 30 Dec 2021 6:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.9	131.6#

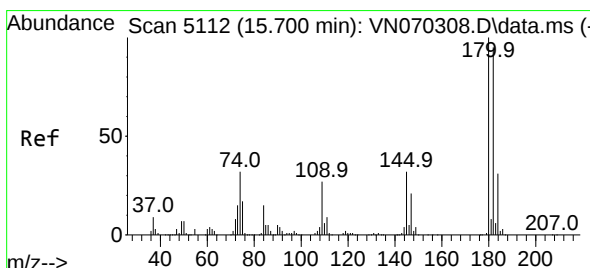
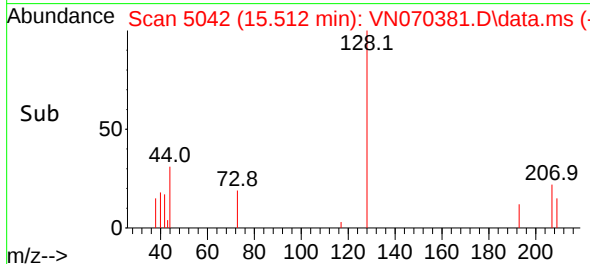
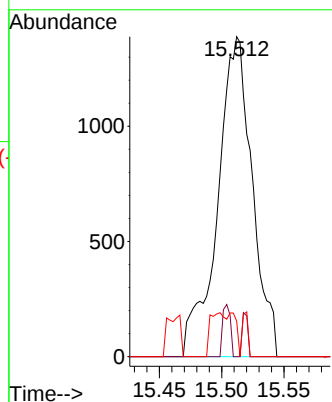
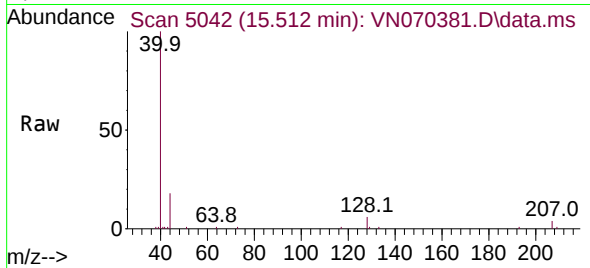




#95
Naphthalene
Concen: 1.924 ug/l
RT: 15.512 min Scan# 5039
Delta R.T. 0.008 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2686
Ion Ratio Lower Upper
128 100
127 2.2 10.5 15.7#
129 2.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.862 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion:180 Resp: 256
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 74.6 15.0 45.1#

