

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070471.D
 Acq On : 4 Jan 2022 18:24
 Operator : JC/MD
 Sample : M5251-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:20:00 2022
 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	8.086	168	1063969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1795881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1596343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	637651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	679580	44.423	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.840%
35) Dibromofluoromethane	8.021	113	476061	43.812	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.620%
50) Toluene-d8	10.441	98	1985796	44.737	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.480%
62) 4-Bromofluorobenzene	12.728	95	768838	47.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.920%

Target Compounds			Qvalue			
3) Chloromethane	2.301	50	8875	0.541	ug/l #	67
11) Tert butyl alcohol	5.374	59	9074	3.562	ug/l #	71
13) Acrolein	3.993	56	15490	7.495	ug/l #	1
14) Allyl chloride	4.934	41	19241	0.783	ug/l #	23
15) Acrylonitrile	5.618	53	32710	4.115	ug/l #	32
16) Acetone	4.280	43	153308	15.438	ug/l #	81
17) Carbon Disulfide	4.535	76	6437	0.218	ug/l	96
18) Methyl Acetate	4.929	43	20564	0.716	ug/l #	51
20) Methylene Chloride	5.069	84	3516	0.256	ug/l #	1
23) Vinyl Acetate	6.458	43	12456	0.335	ug/l #	72
25) 2-Butanone	7.343	43	33319	2.665	ug/l #	82
29) Tetrahydrofuran	7.697	42	4328	0.580	ug/l #	62
30) Chloroform	7.842	83	5781	0.242	ug/l #	81
31) Cyclohexane	8.091	56	366802	15.194	ug/l	84
36) 1,1-Dichloropropene	8.083	75	86514	4.813	ug/l #	53
37) Ethyl Acetate	7.343	43	33319	1.430	ug/l #	68
38) Carbon Tetrachloride	8.086	117	102485	5.971	ug/l #	16
39) Methylcyclohexane	9.456	83	209874	9.644	ug/l #	84
41) Methacrylonitrile	7.673	41	5767	0.495	ug/l #	36
43) Isopropyl Acetate	8.552	43	43327	1.179	ug/l #	55
47) Bromodichloromethane	9.743	83	8280	0.452	ug/l #	25
48) Methyl methacrylate	9.588	41	14723	0.840	ug/l #	22
51) 4-Methyl-2-Pentanone	10.328	43	20789	0.901	ug/l	90
52) Toluene	10.502	92	40069	1.201	ug/l	99
55) 1,1,2-Trichloroethane	10.872	97	31203	2.364	ug/l #	23
58) 2-Chloroethyl Vinyl ether	10.057	63	210	18.548	ug/l #	45
59) 2-Hexanone	11.055	43	44424	2.639	ug/l #	25
67) Ethyl Benzene	11.843	91	4691484	75.597	ug/l	97
68) m/p-Xylenes	11.956	106	1247731	55.234	ug/l	93
69) o-Xylene	12.278	106	258919	11.523	ug/l	93
70) Styrene	12.278	104	14413	0.405	ug/l #	1
73) Isopropylbenzene	12.575	105	273579	4.620	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.817	83	126	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	12.728	75	404562	22.993	ug/l #	1
78) n-propylbenzene	12.919	91	718523	10.952	ug/l	96
79) 2-Chlorotoluene	13.012	91	67990	1.615	ug/l #	39

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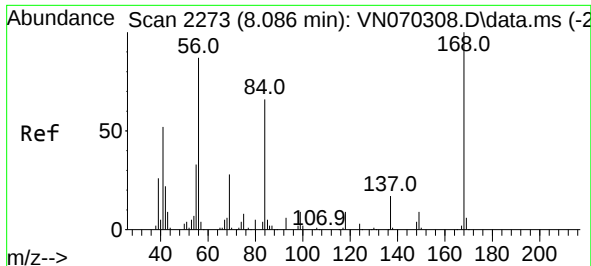
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:20:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

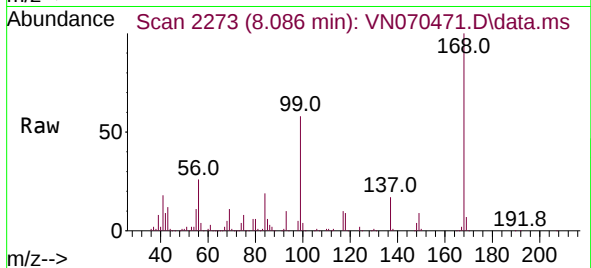
80) 1,3,5-Trimethylbenzene	13.058	105	216645	4.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.728	75	404562	77.516	ug/l #	5
82) 4-Chlorotoluene	13.058	91	22431	0.569	ug/l #	38
83) tert-Butylbenzene	13.367	119	678762	16.245	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.367	105	5559836	121.678	ug/l	99
85) sec-Butylbenzene	13.367	105	5559836	98.009	ug/l #	56
86) p-Isopropyltoluene	13.611	119	23990	0.538	ug/l #	77
89) n-Butylbenzene	13.938	91	42198	1.135	ug/l #	66
90) Hexachloroethane	14.214	117	51268	6.623	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.573	75	3692	1.076	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.260	180	2305	0.219	ug/l #	49
95) Naphthalene	15.504	128	571605	20.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	2585	1.079	ug/l #	74

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

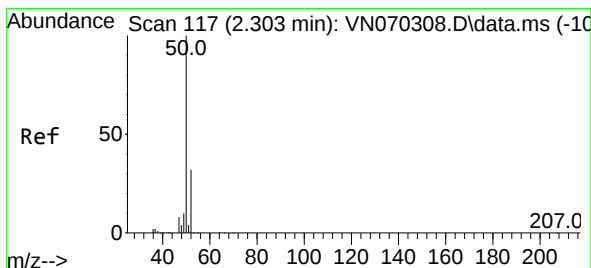
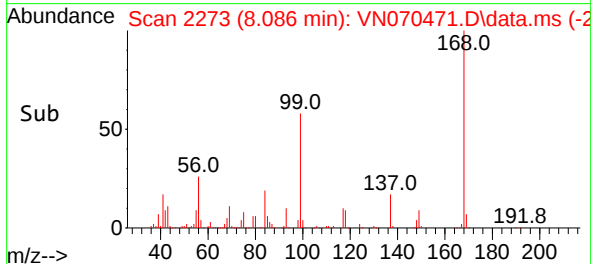
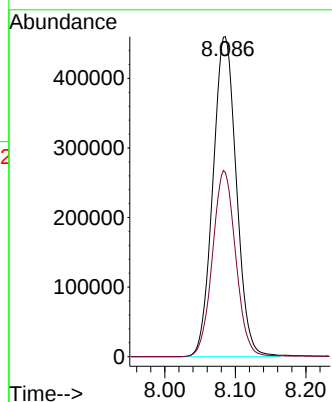


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

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MSVOA_N
ClientSampleId :

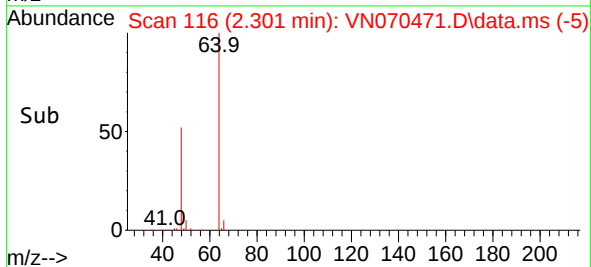
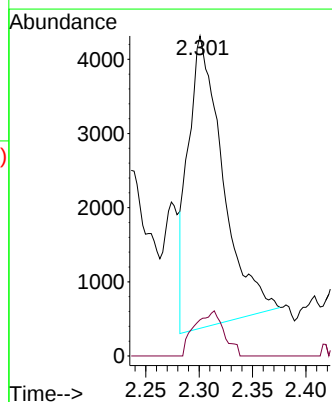
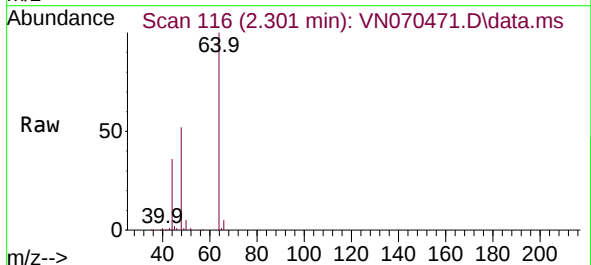


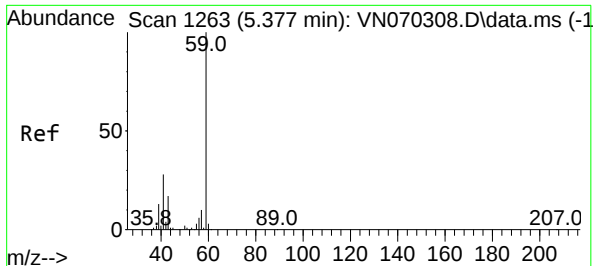
Tgt Ion:168 Resp: 1063969
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#3
Chloromethane
Concen: 0.541 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 50 Resp: 8875
Ion Ratio Lower Upper
50 100
52 13.3 25.4 38.0#





#11

Tert butyl alcohol

Concen: 3.562 ug/l

RT: 5.374 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

Instrument :

MSVOA_N

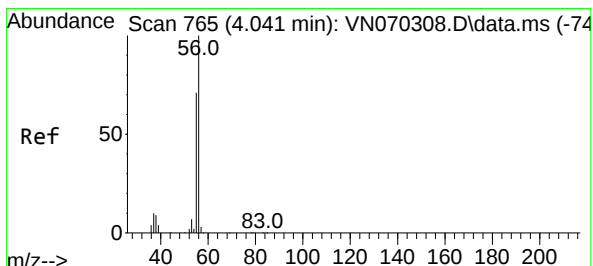
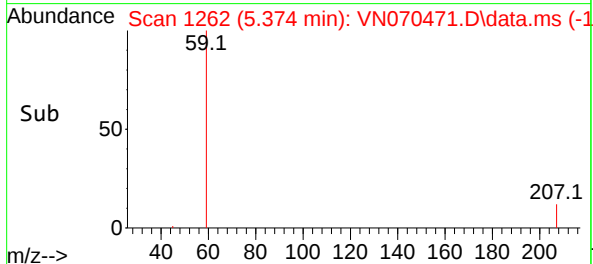
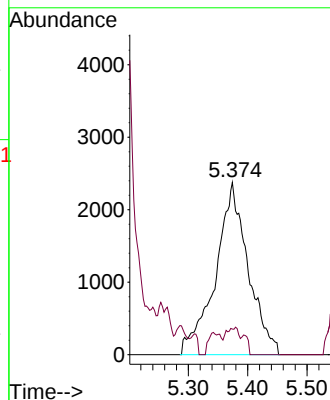
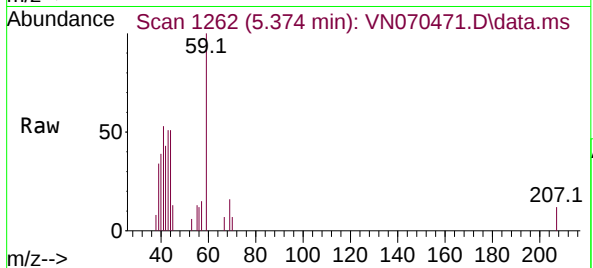
ClientSampleId :

Tgt Ion: 59 Resp: 9074

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 7.495 ug/l

RT: 3.993 min Scan# 747

Delta R.T. -0.048 min

Lab File: VN070471.D

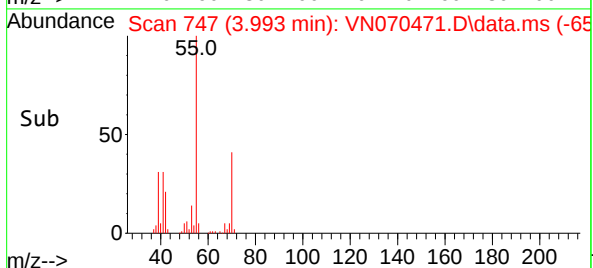
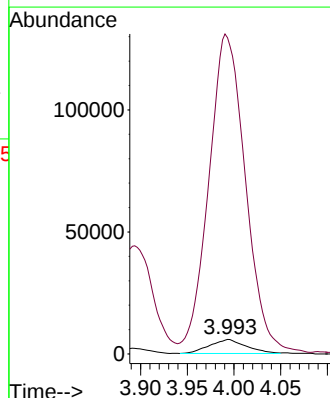
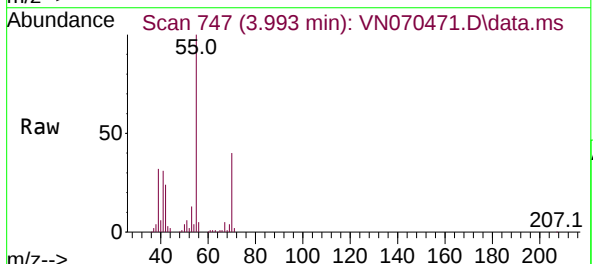
Acq: 4 Jan 2022 18:24

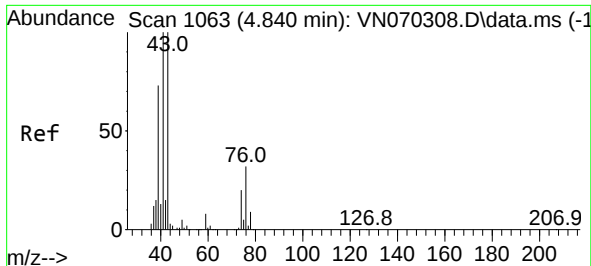
Tgt Ion: 56 Resp: 15490

Ion Ratio Lower Upper

56 100

55 2299.4 56.6 85.0#





#14

Allyl chloride

Concen: 0.783 ug/l

RT: 4.934 min Scan# 1

Delta R.T. 0.094 min

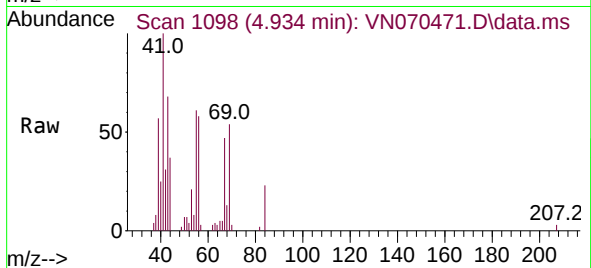
Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

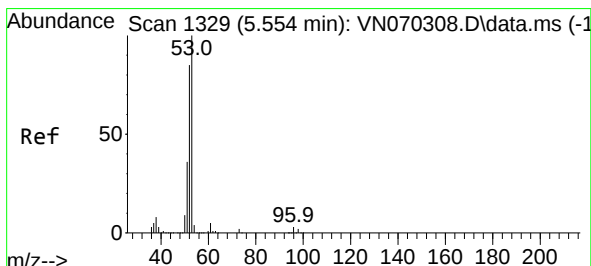
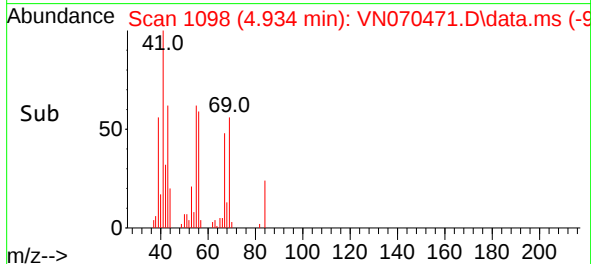
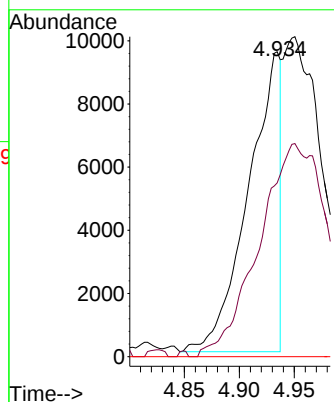
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	19241
Ion	Ratio	Lower	Upper
41	100		
39	150.4	61.2	91.8#
76	0.0	26.0	39.0#



#15

Acrylonitrile

Concen: 4.115 ug/l

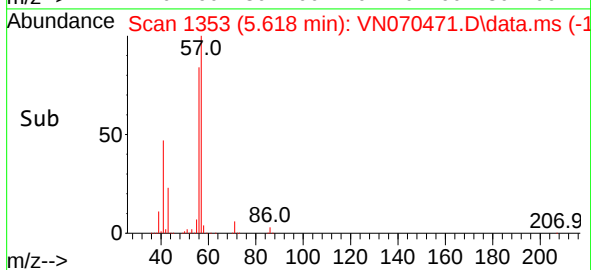
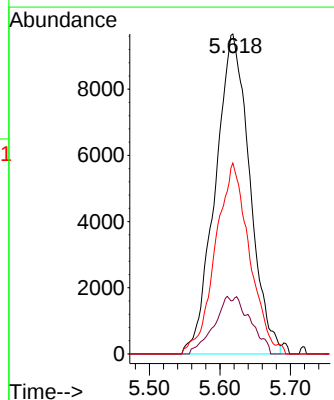
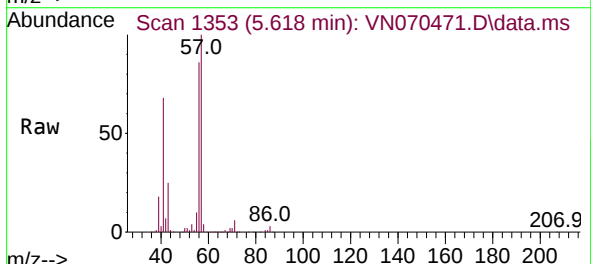
RT: 5.618 min Scan# 1353

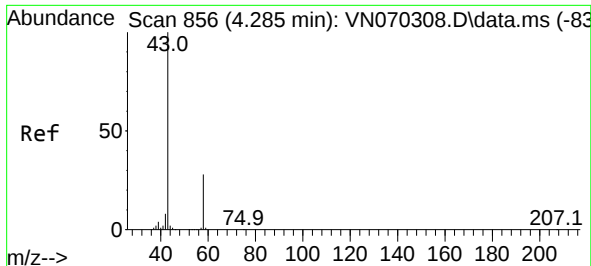
Delta R.T. 0.064 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

Tgt Ion:	53	Resp:	32710
Ion	Ratio	Lower	Upper
53	100		
52	9.1	66.2	99.2#
51	58.7	29.6	44.4#

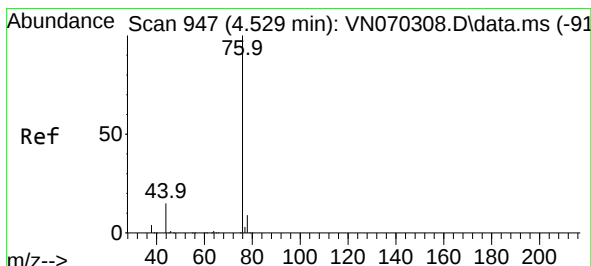
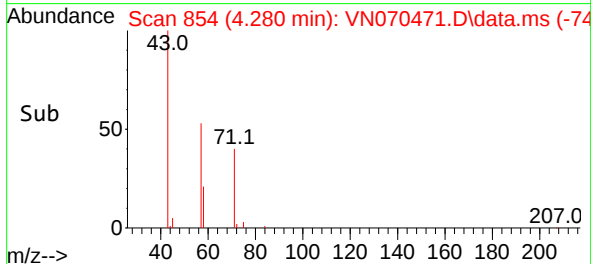
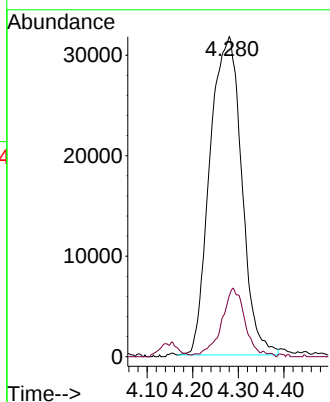
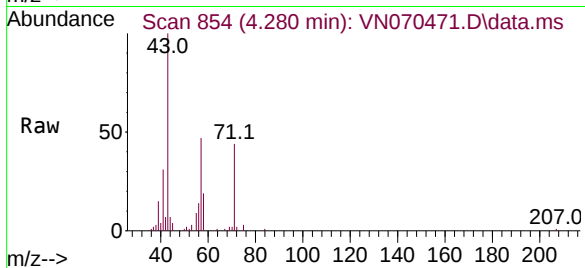




#16
Acetone
Concen: 15.438 ug/l
RT: 4.280 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

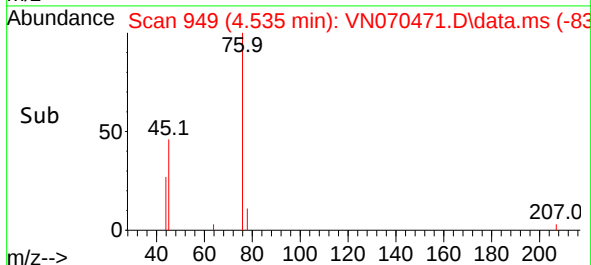
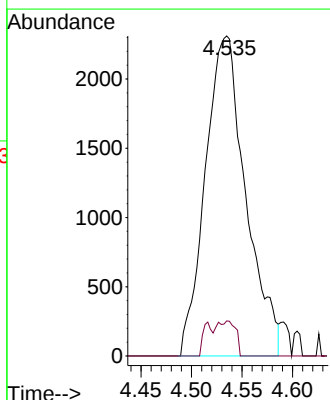
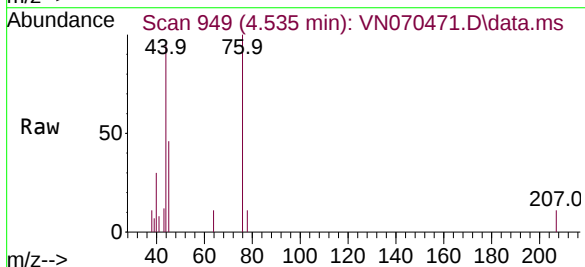
Instrument :
MSVOA_N
ClientSampleId :

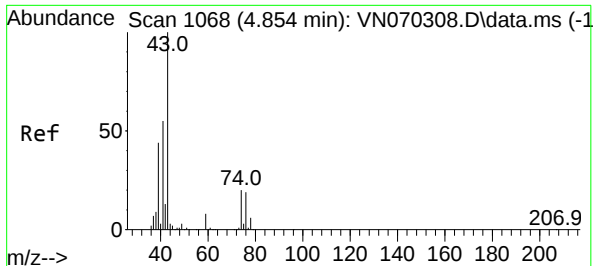
Tgt Ion: 43 Resp: 153308
Ion Ratio Lower Upper
43 100
58 18.6 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.006 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 76 Resp: 6437
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3





#18

Methyl Acetate

Concen: 0.716 ug/l

RT: 4.929 min Scan# 1096

Delta R.T. 0.075 min

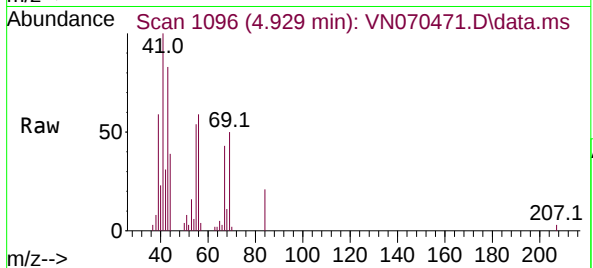
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Acq: 4 Jan 2022 18:24

Instrument :

MSVOA_N

ClientSampleId :

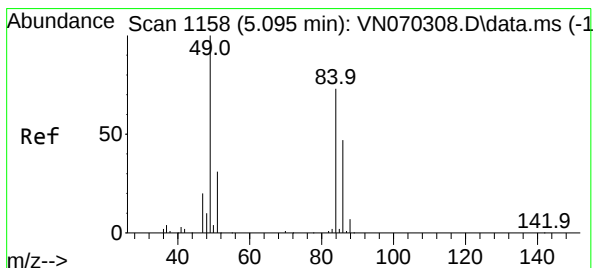
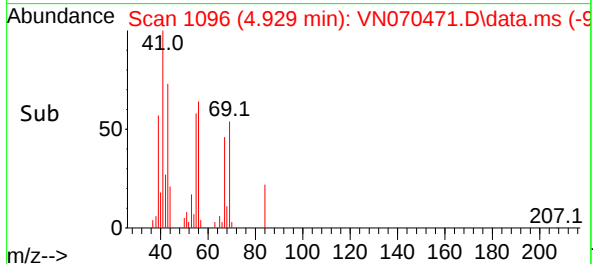
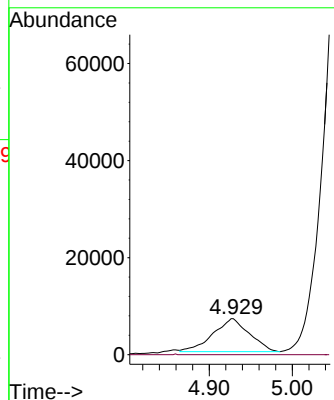


Tgt Ion: 43 Resp: 20564

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.256 ug/l

RT: 5.069 min Scan# 1148

Delta R.T. -0.026 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

Tgt Ion: 84 Resp: 3516

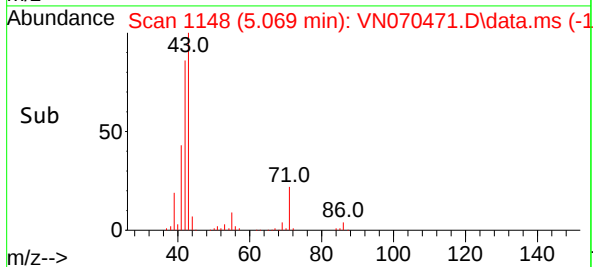
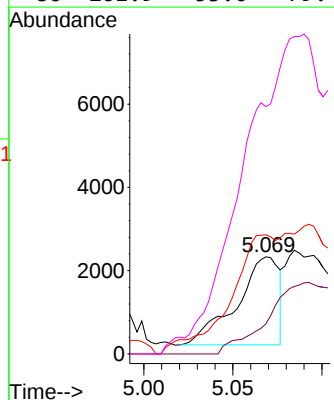
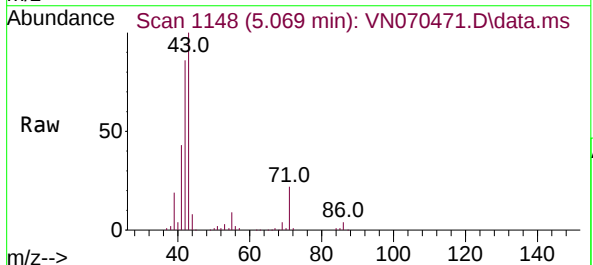
Ion Ratio Lower Upper

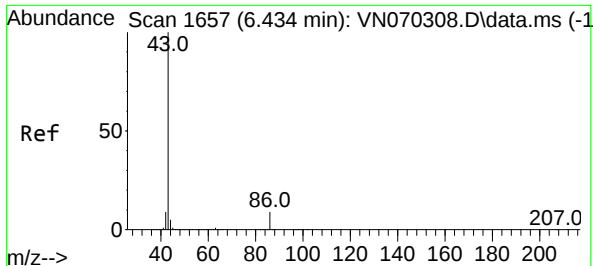
84 100

49 34.2 93.5 140.3#

51 119.1 29.4 44.2#

86 261.9 53.0 79.4#





#23

Vinyl Acetate

Concen: 0.335 ug/l

RT: 6.458 min Scan# 1

Delta R.T. 0.024 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

Instrument :

MSVOA_N

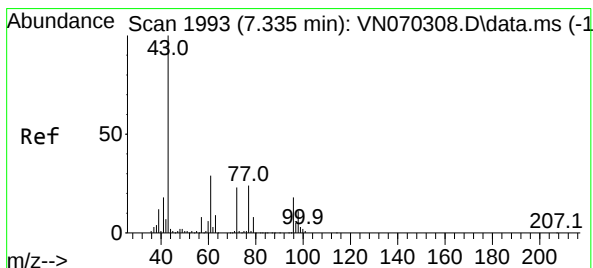
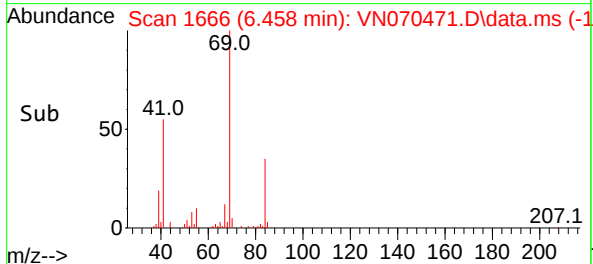
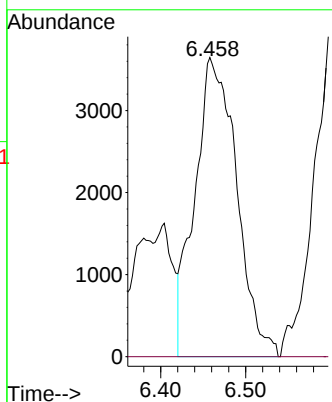
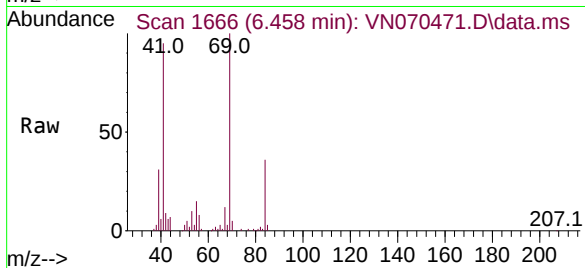
ClientSampleId :

Tgt Ion: 43 Resp: 12456

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#25

2-Butanone

Concen: 2.665 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.008 min

Lab File: VN070471.D

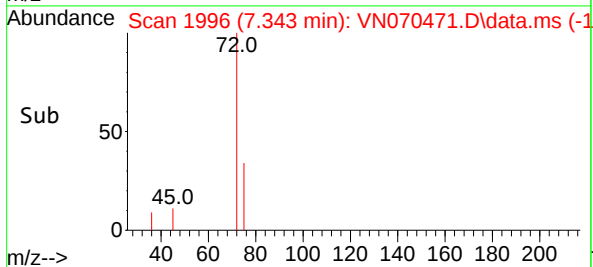
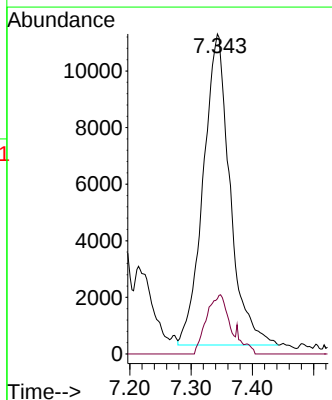
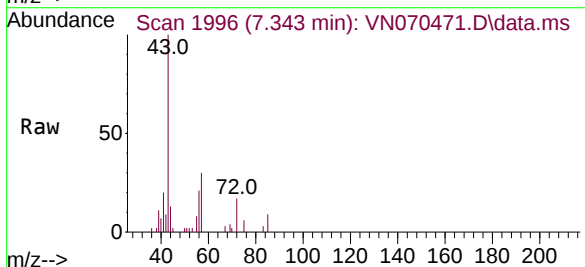
Acq: 4 Jan 2022 18:24

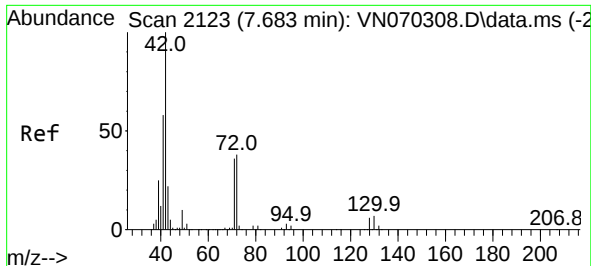
Tgt Ion: 43 Resp: 33319

Ion Ratio Lower Upper

43 100

72 17.8 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.580 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

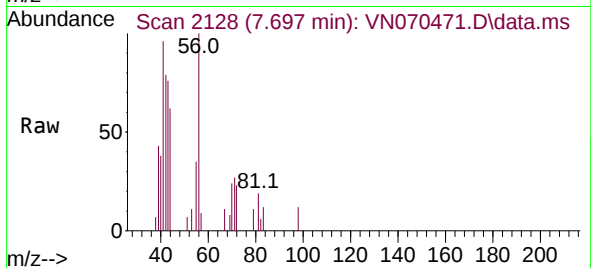
Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

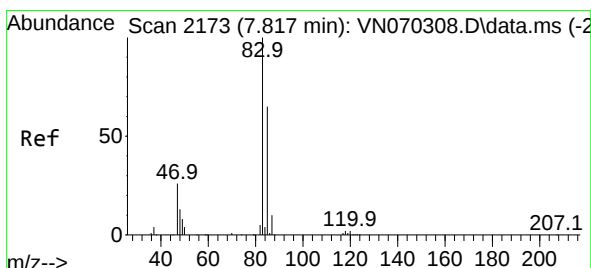
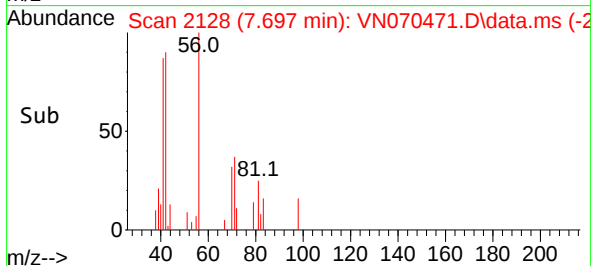
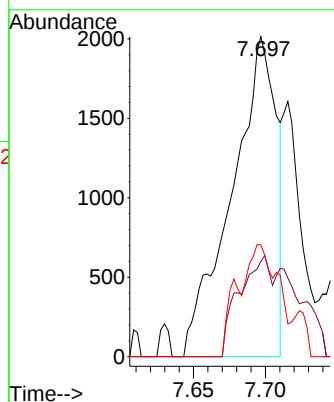
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 42	Resp: 4328
Ion Ratio	Lower Upper
42	100
72	22.4 36.3 54.5#
71	17.6 34.7 52.1#



#30

Chloroform

Concen: 0.242 ug/l

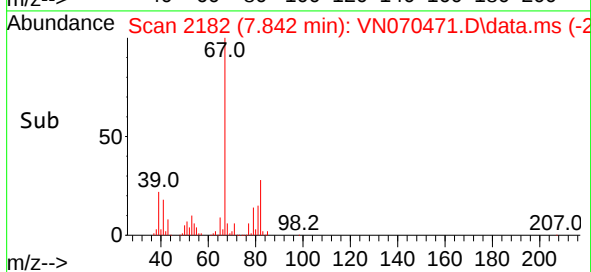
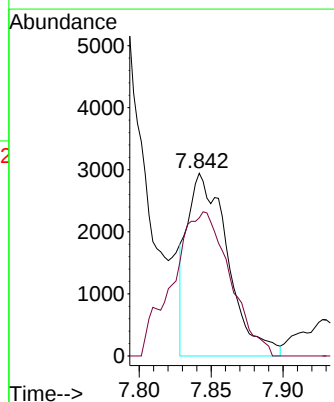
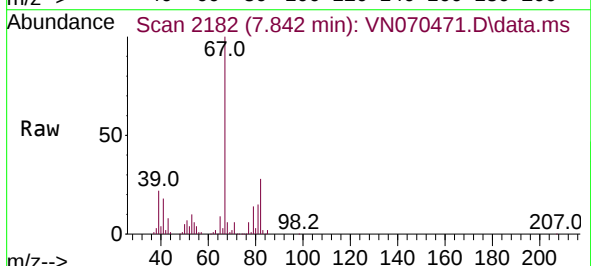
RT: 7.842 min Scan# 2182

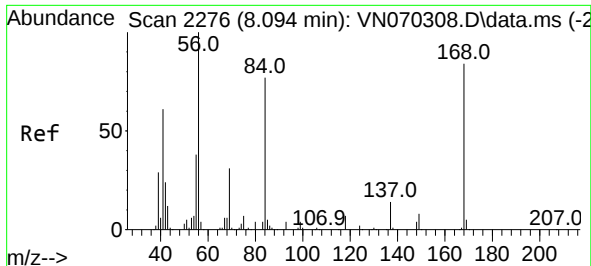
Delta R.T. 0.025 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

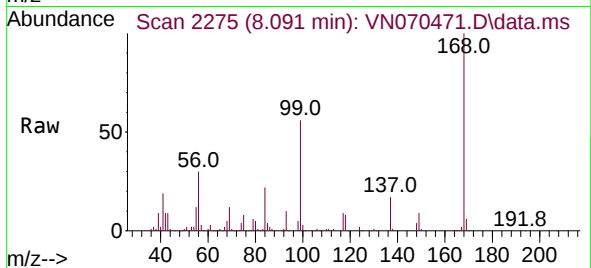
Tgt Ion: 83	Resp: 5781
Ion Ratio	Lower Upper
83	100
85	79.8 51.9 77.9#



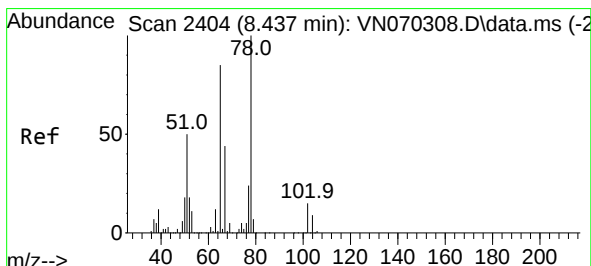
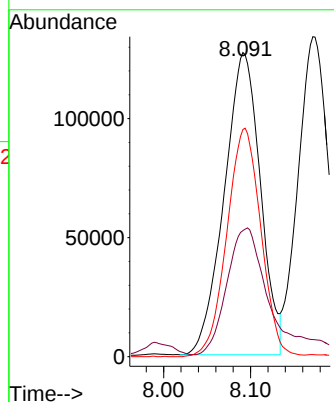
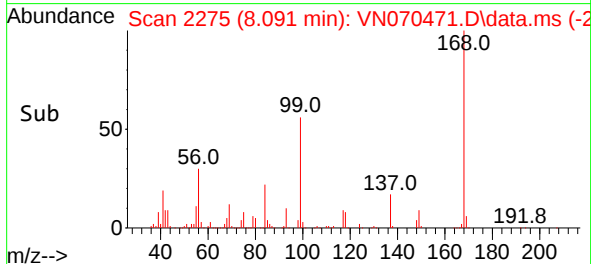


#31
Cyclohexane
Concen: 15.194 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Instrument :
MSVOA_N
ClientSampleId :

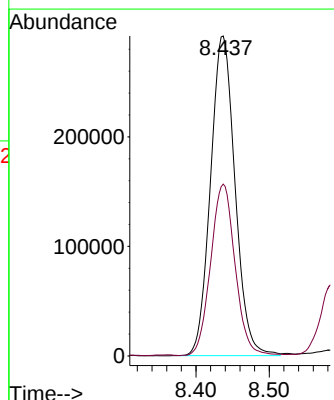
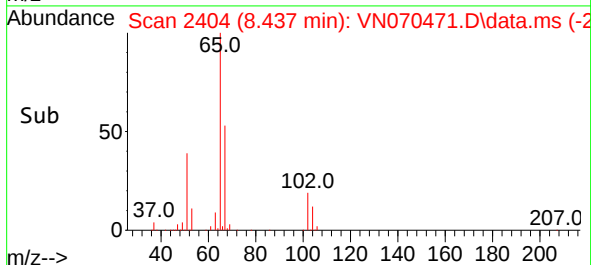
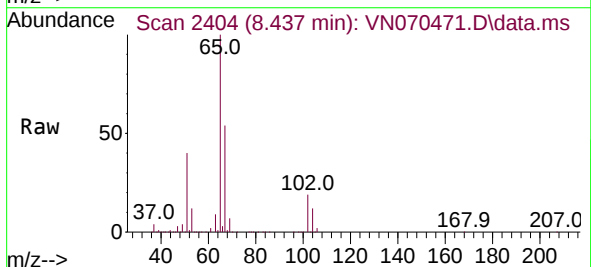


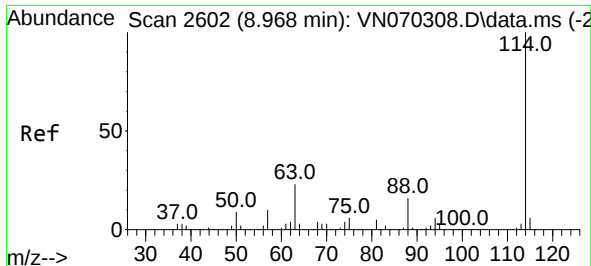
Tgt Ion: 56 Resp: 366802
Ion Ratio Lower Upper
56 100
69 40.0 27.1 40.7
84 75.2 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 44.423 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 65 Resp: 679580
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

Instrument :

MSVOA_N

ClientSampleId :

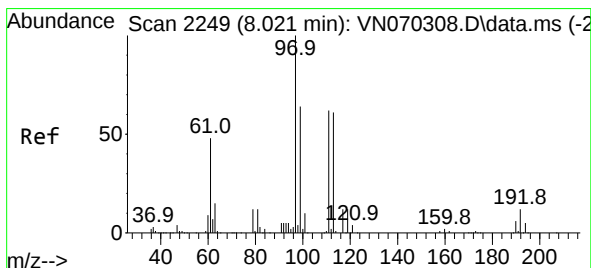
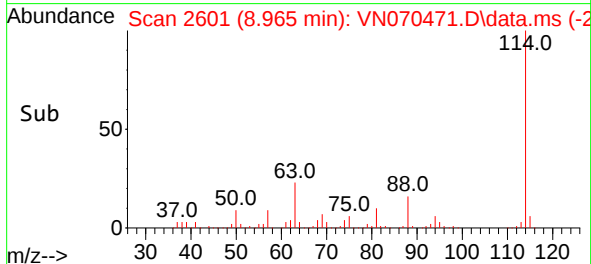
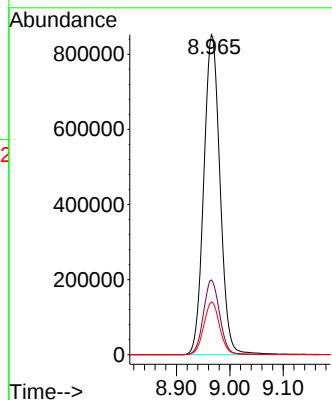
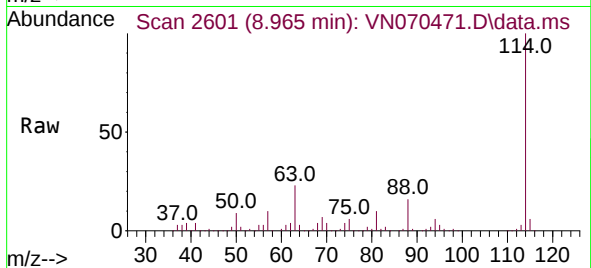
Tgt Ion:114 Resp: 1795881

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 43.812 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

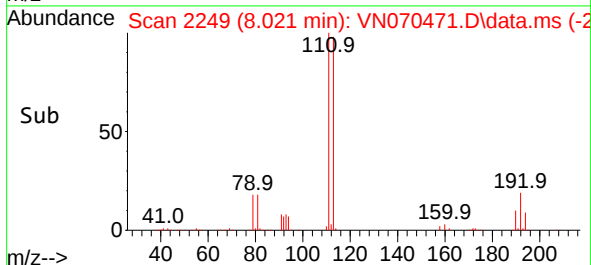
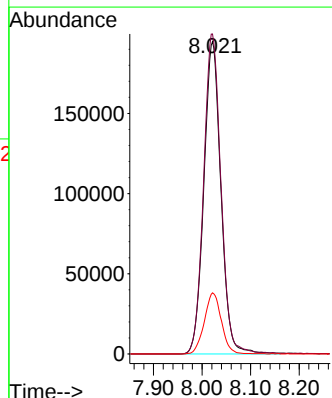
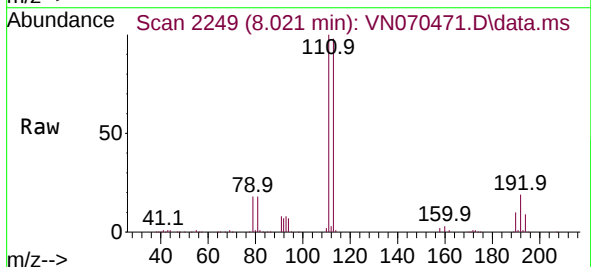
Tgt Ion:113 Resp: 476061

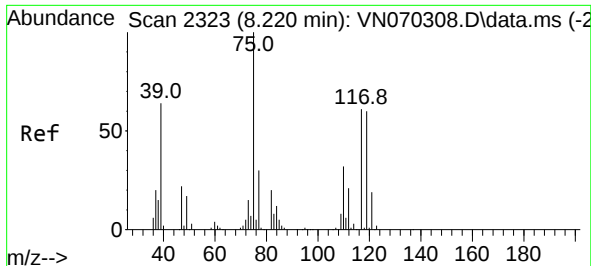
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

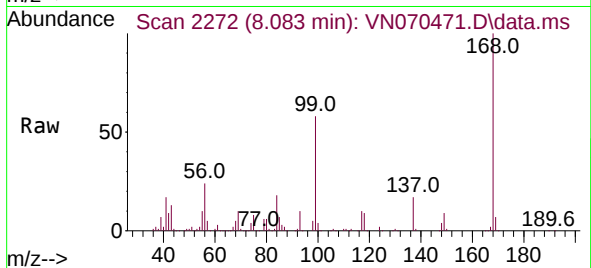
192 19.6 16.9 25.3



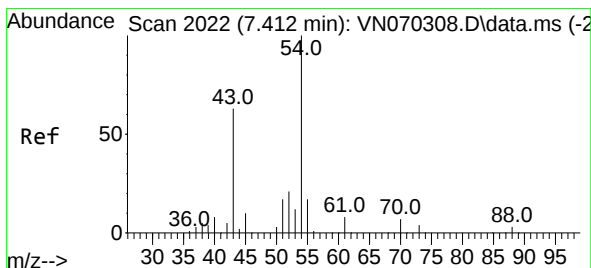
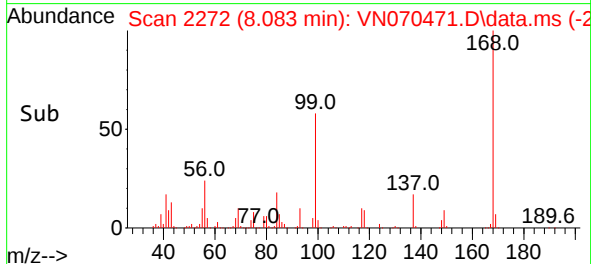
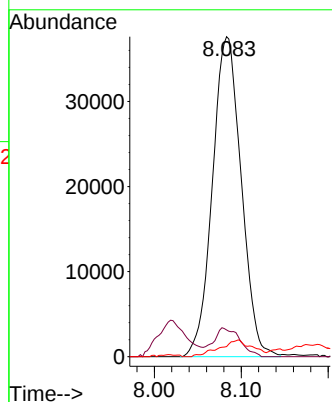


#36
 1,1-Dichloropropene
 Concen: 4.813 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070471.D
 Acq: 4 Jan 2022 18:24

Instrument :
 MSVOA_N
 ClientSampleId :

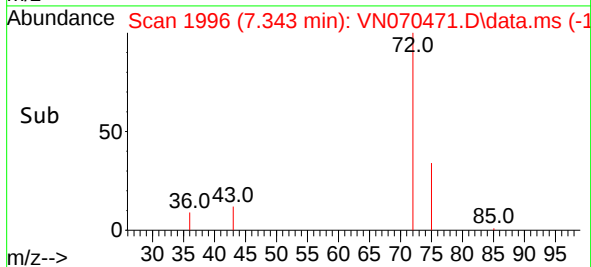
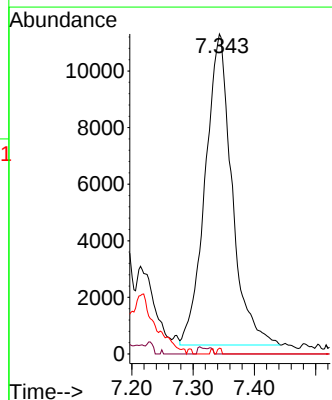
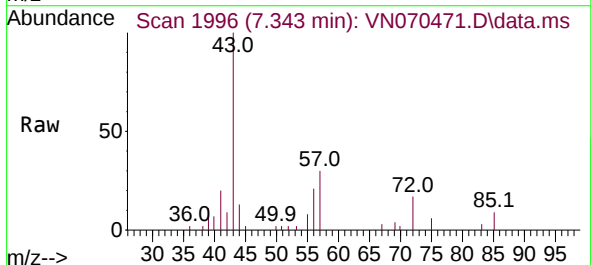


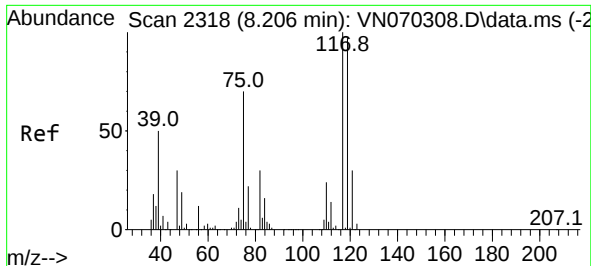
Tgt Ion: 75 Resp: 86514
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.4 55.2#
 77 6.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.430 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. -0.069 min
 Lab File: VN070471.D
 Acq: 4 Jan 2022 18:24

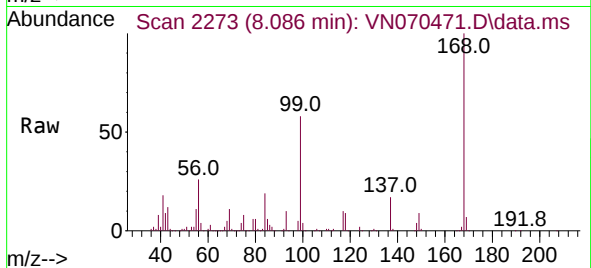
Tgt Ion: 43 Resp: 33319
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#



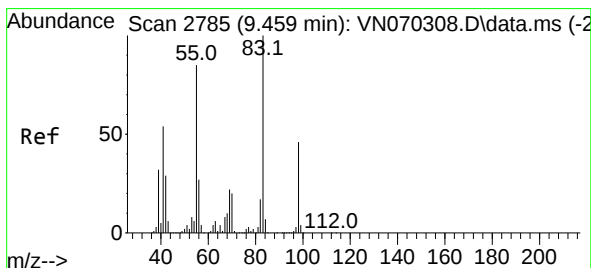
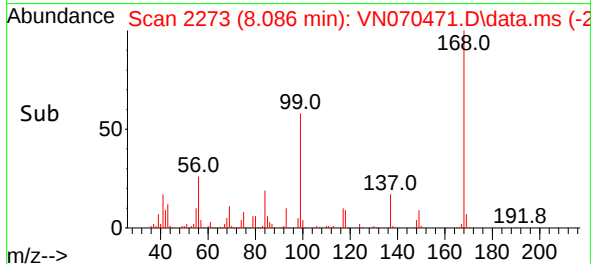
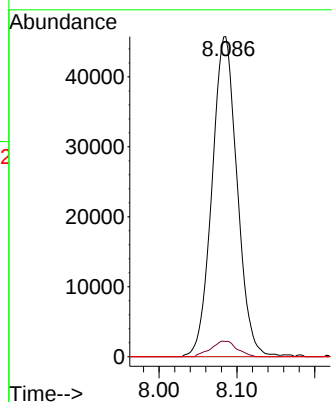


#38
Carbon Tetrachloride
Concen: 5.971 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Instrument :
MSVOA_N
ClientSampleId :

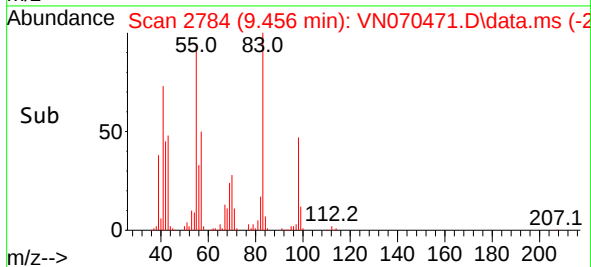
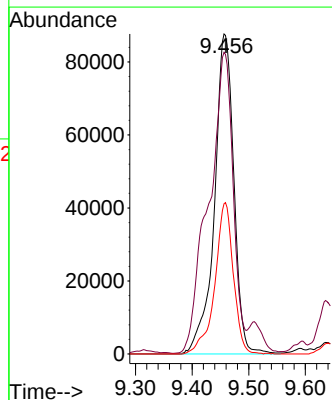
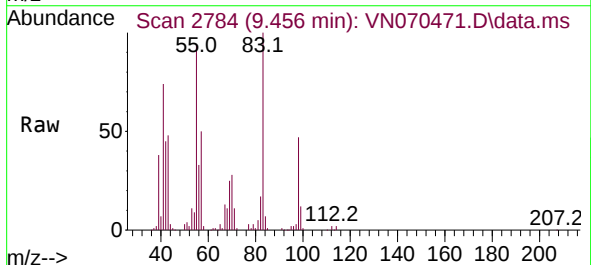


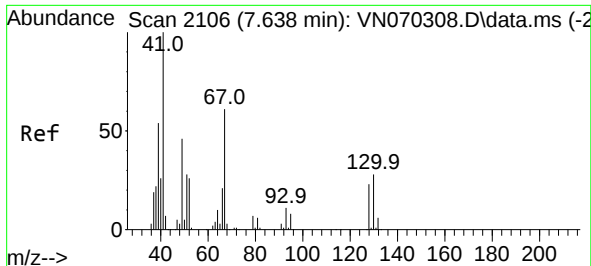
Tgt Ion:117 Resp: 102485
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 9.644 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

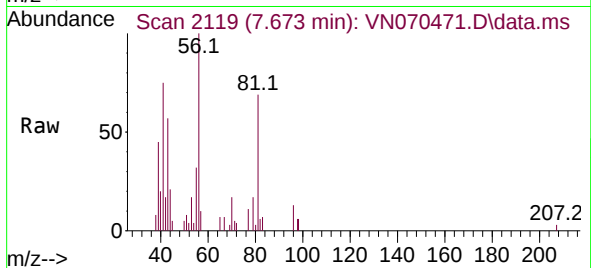
Tgt Ion: 83 Resp: 209874
Ion Ratio Lower Upper
83 100
55 93.8 58.1 87.1#
98 46.9 38.4 57.6



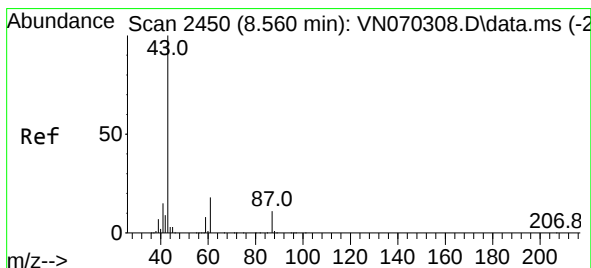
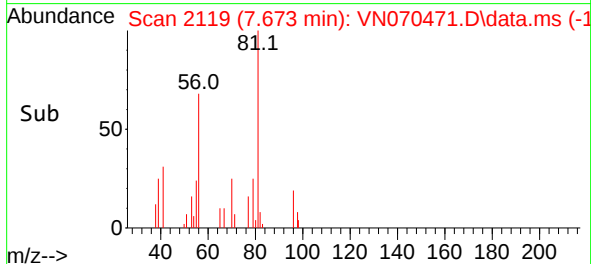
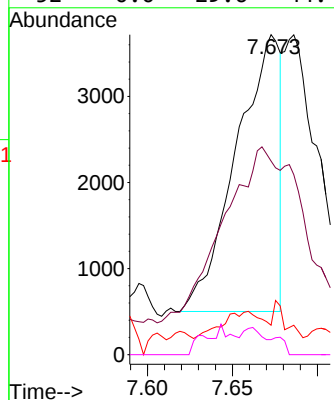


#41
Methacrylonitrile
Concen: 0.495 ug/l
RT: 7.673 min Scan# 2106
Delta R.T. 0.035 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Instrument :
MSVOA_N
ClientSampleId :

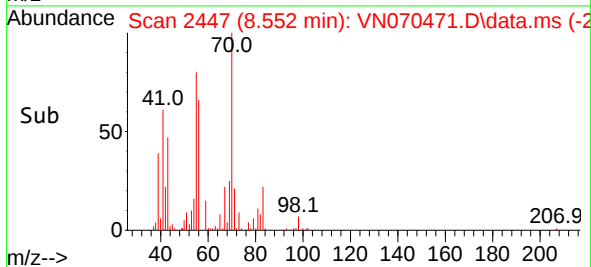
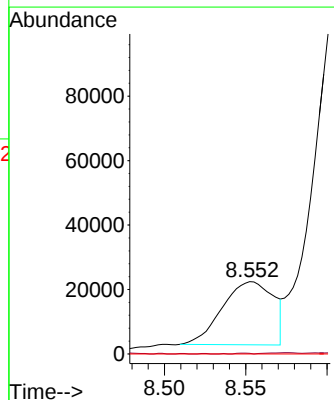
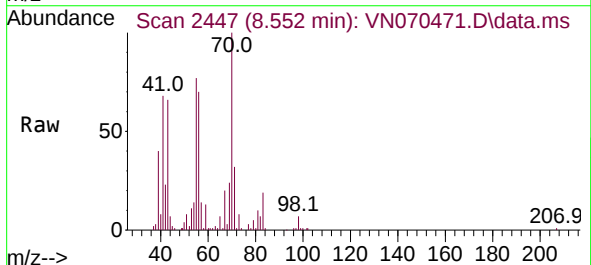


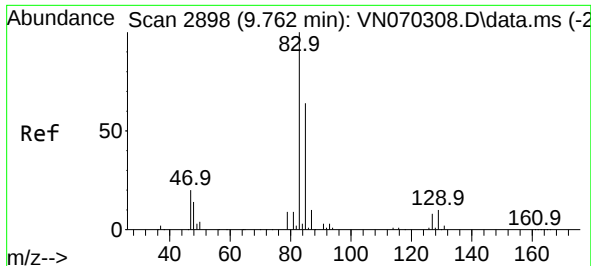
Tgt Ion: 41 Resp: 5767
Ion Ratio Lower Upper
41 100
39 77.7 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#43
Isopropyl Acetate
Concen: 1.179 ug/l
RT: 8.552 min Scan# 2447
Delta R.T. -0.008 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 43 Resp: 43327
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

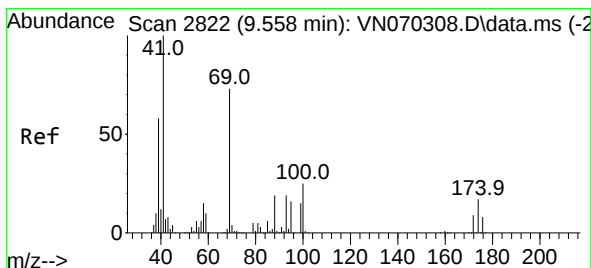
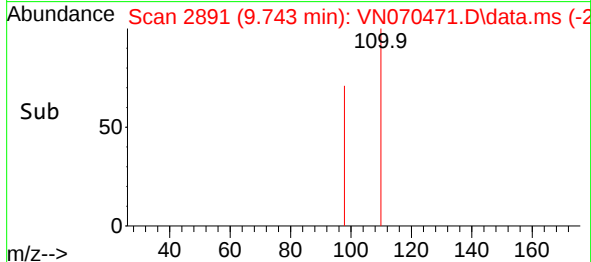
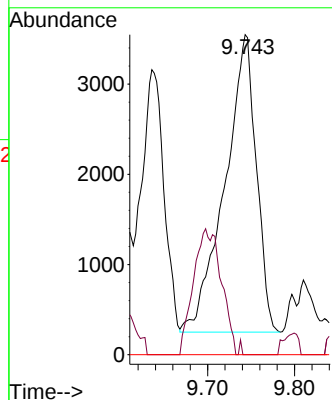
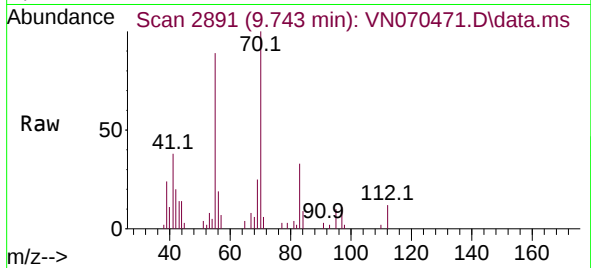




#47
Bromodichloromethane
Concen: 0.452 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

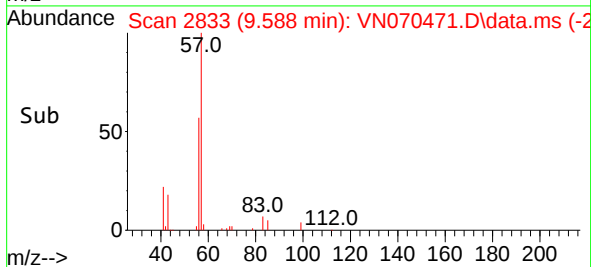
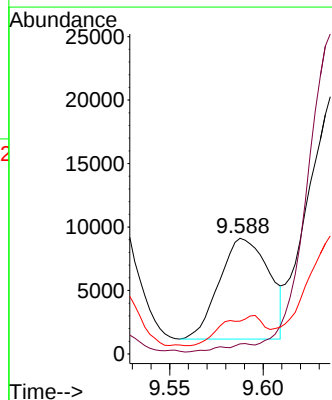
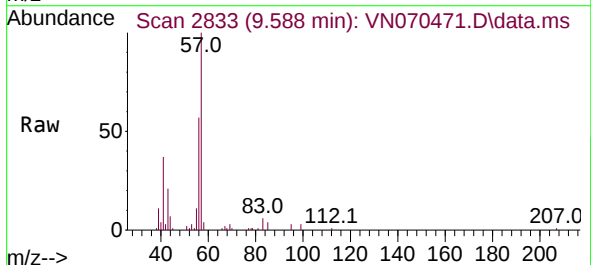
Instrument :
MSVOA_N
ClientSampleId :

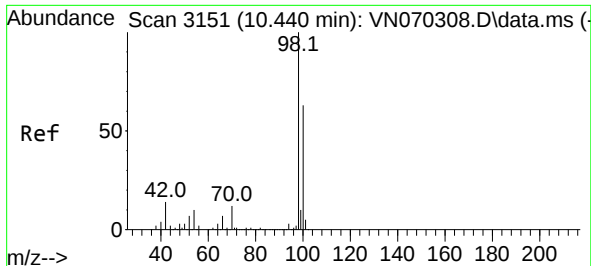
Tgt Ion: 83 Resp: 8280
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.840 ug/l
RT: 9.588 min Scan# 2833
Delta R.T. 0.030 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 41 Resp: 14723
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 25.4 58.4 87.6#

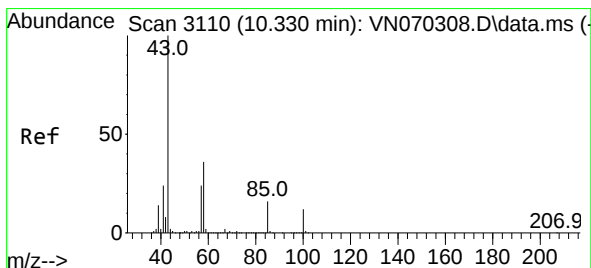
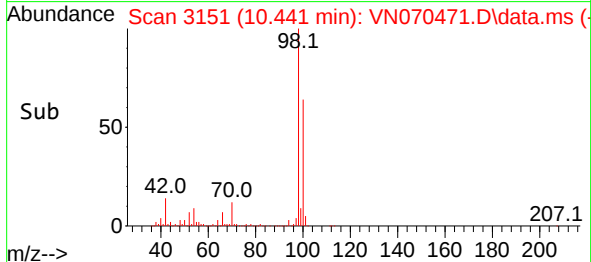
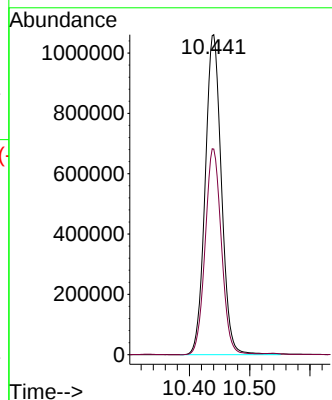
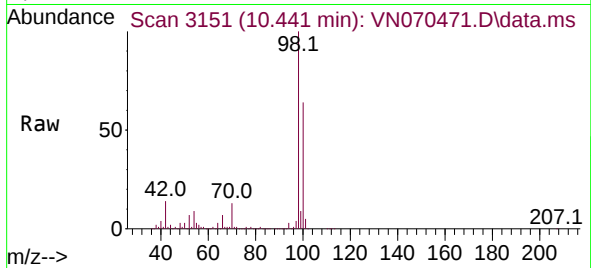




#50
Toluene-d8
Concen: 44.737 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

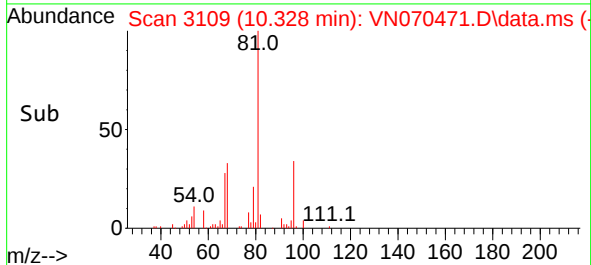
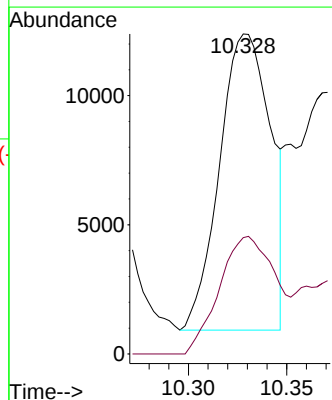
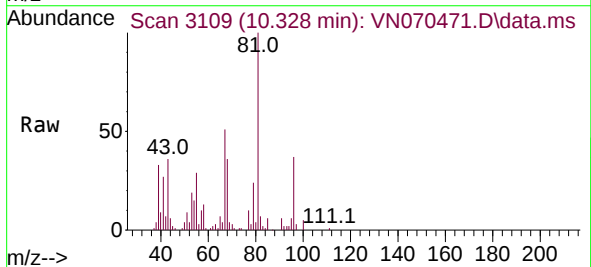
Instrument :
MSVOA_N
ClientSampleId :

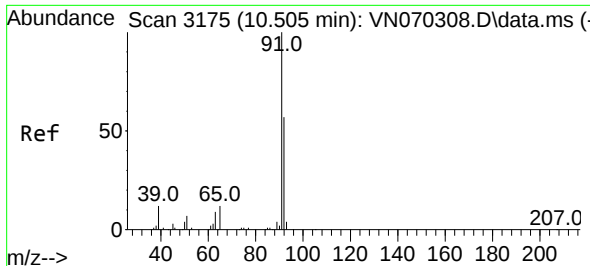
Tgt Ion: 98 Resp: 1985796
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.901 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 43 Resp: 20789
Ion Ratio Lower Upper
43 100
58 44.1 30.4 45.6

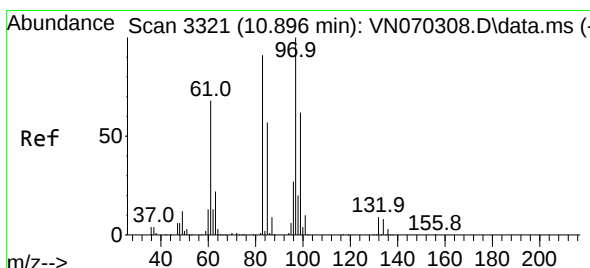
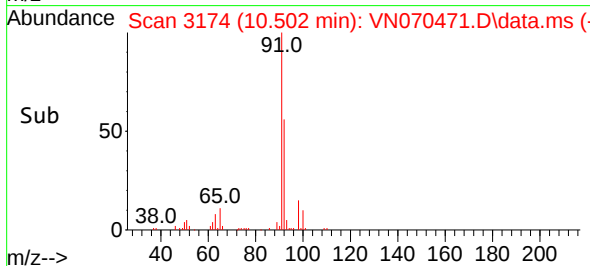
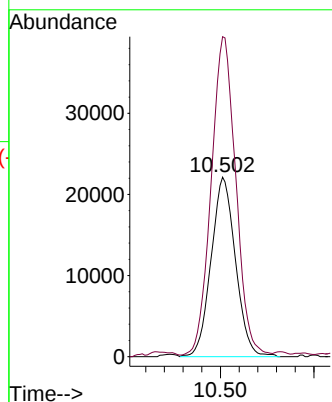
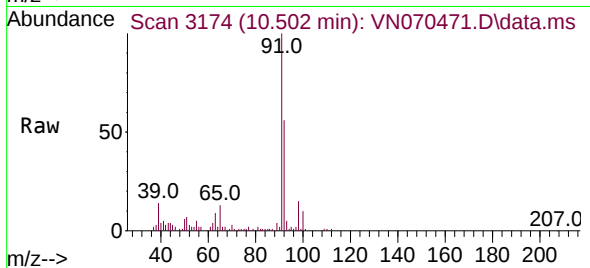




#52
Toluene
Concen: 1.201 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

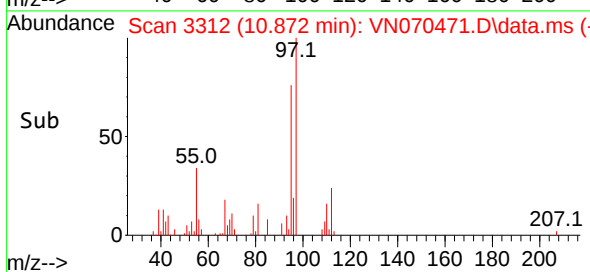
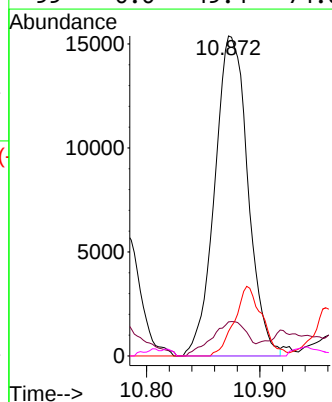
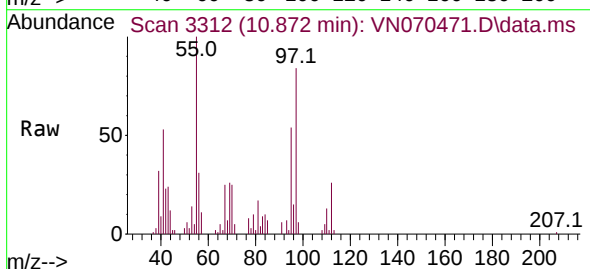
Instrument :
MSVOA_N
ClientSampleId :

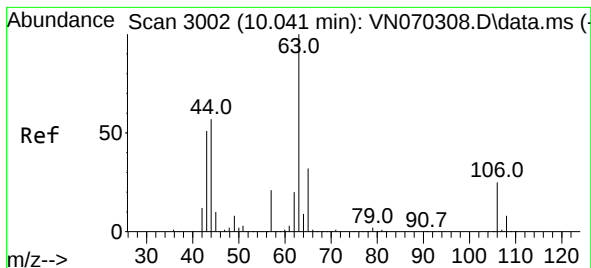
Tgt Ion: 92 Resp: 40069
Ion Ratio Lower Upper
92 100
91 178.7 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 2.364 ug/l
RT: 10.872 min Scan# 3312
Delta R.T. -0.024 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 97 Resp: 31203
Ion Ratio Lower Upper
97 100
83 10.6 67.8 101.6#
85 7.7 45.4 68.2#
99 0.0 49.4 74.0#

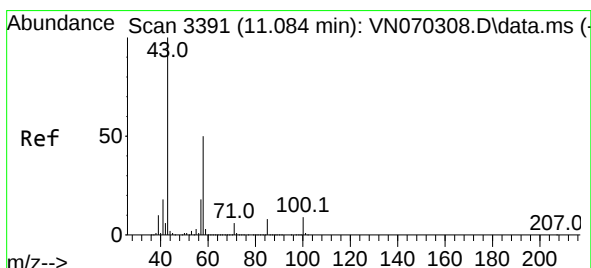
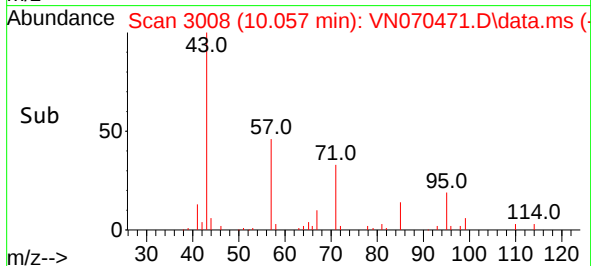
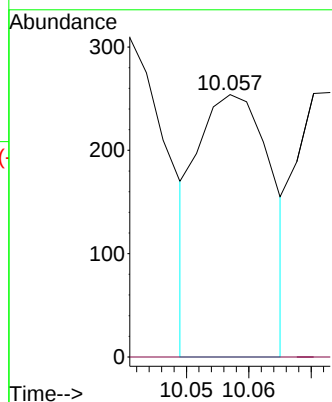
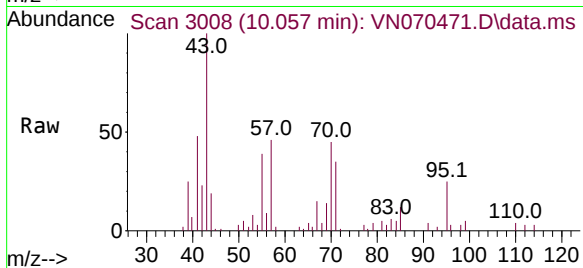




#58
2-Chloroethyl Vinyl ether
Concen: 18.548 ug/l
RT: 10.057 min Scan# 3008
Delta R.T. 0.016 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

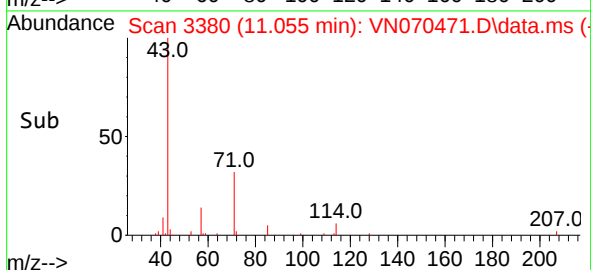
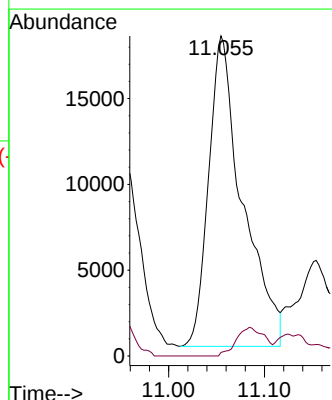
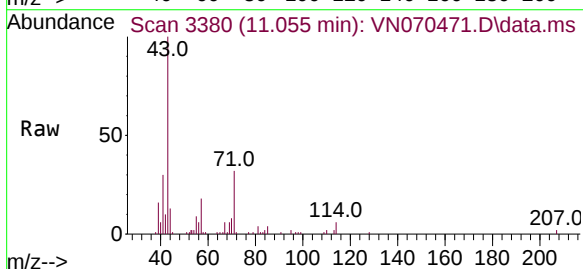
Instrument :
MSVOA_N
ClientSampleId :

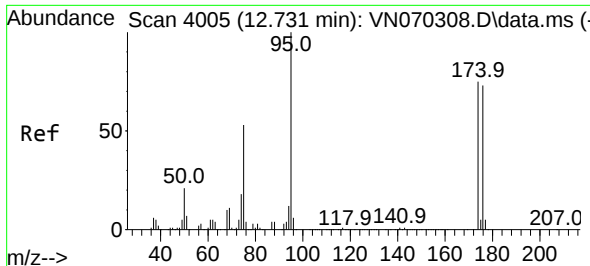
Tgt Ion: 63 Resp: 210
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 2.639 ug/l
RT: 11.055 min Scan# 3380
Delta R.T. -0.029 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 43 Resp: 44424
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

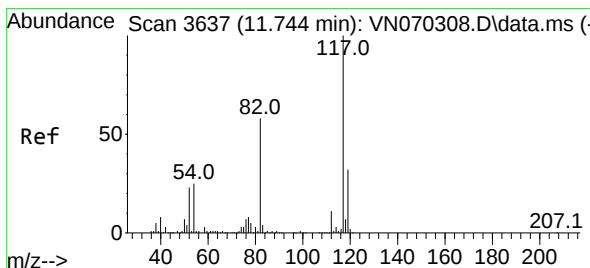
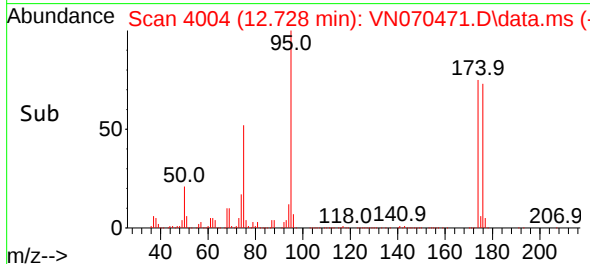
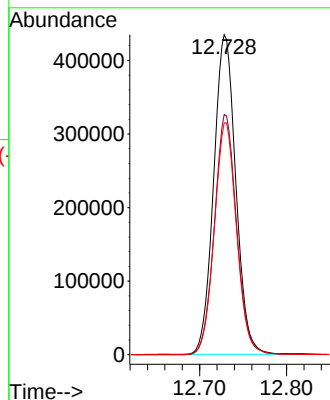
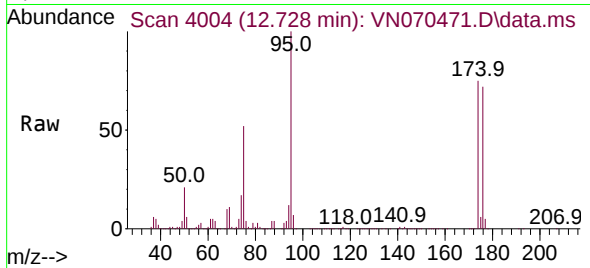




#62
4-Bromofluorobenzene
Concen: 47.956 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

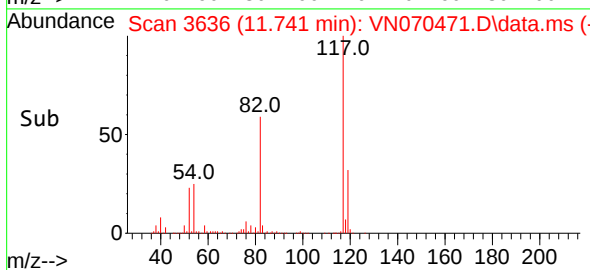
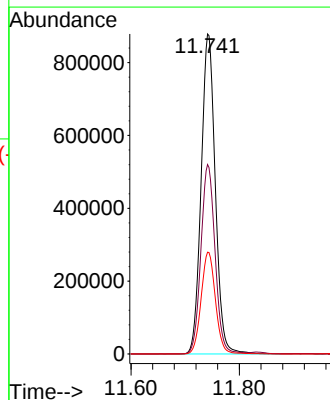
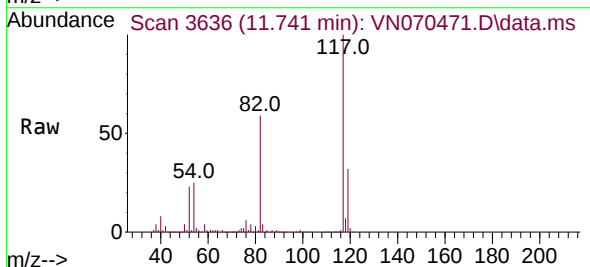
Instrument :
MSVOA_N
ClientSampleId :

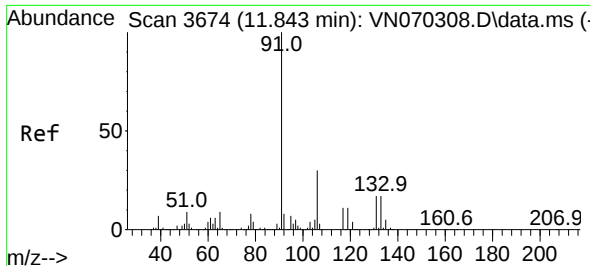
Tgt Ion: 95 Resp: 768838
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 117 Resp: 1596343
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.8 25.4 38.2

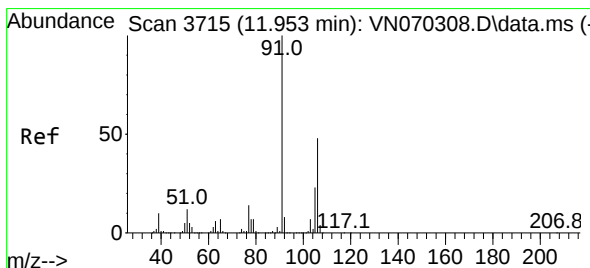
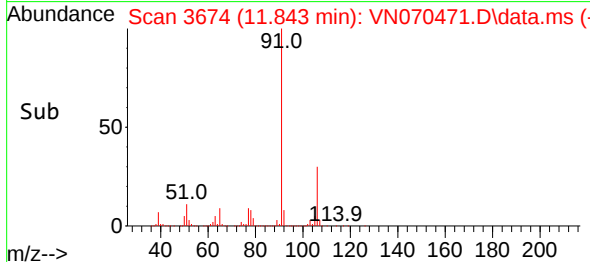
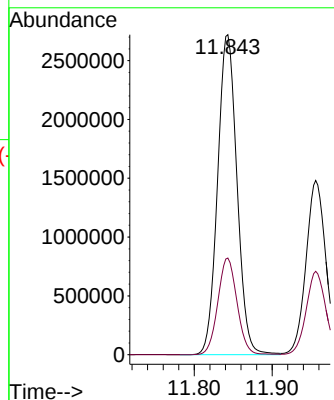
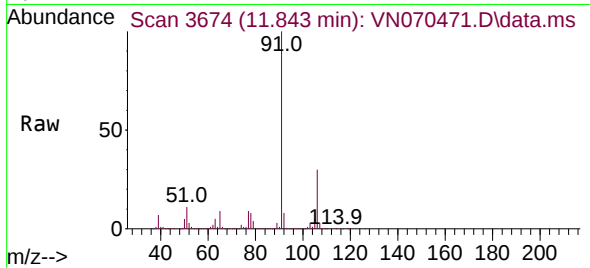




#67
Ethyl Benzene
Concen: 75.597 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

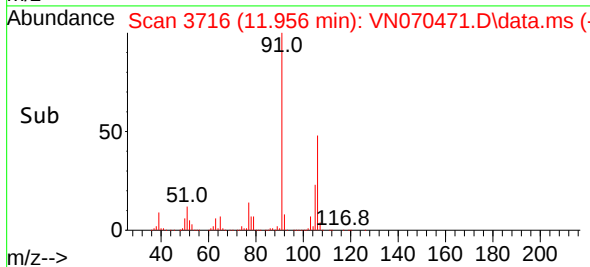
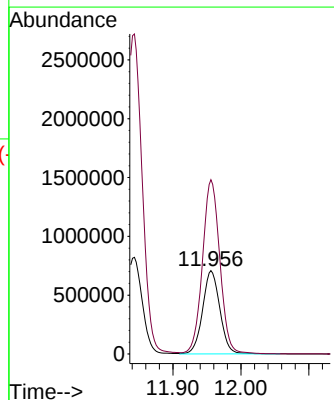
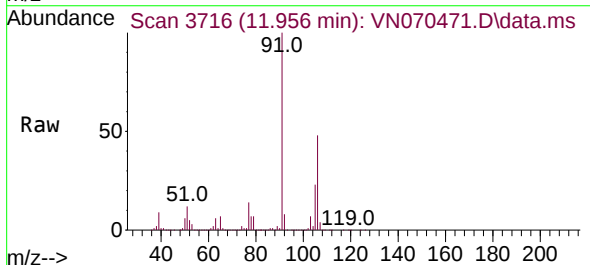
Instrument :
MSVOA_N
ClientSampleId :

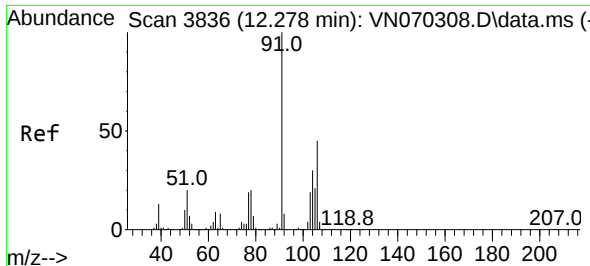
Tgt Ion: 91 Resp: 4691484
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 55.234 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion:106 Resp: 1247731
Ion Ratio Lower Upper
106 100
91 210.9 160.6 240.8

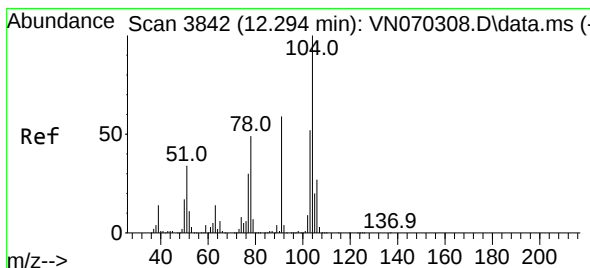
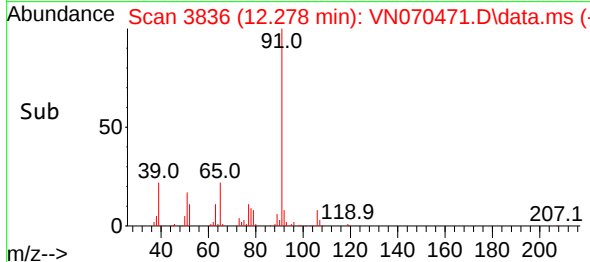
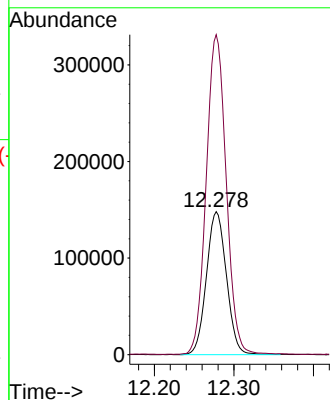
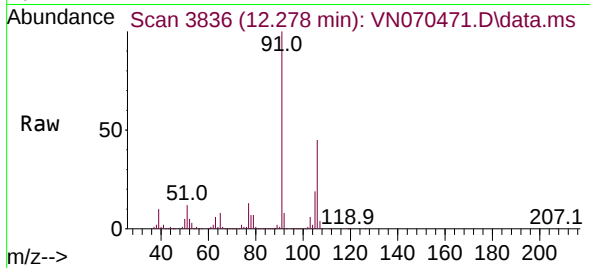




#69
o-Xylene
Concen: 11.523 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

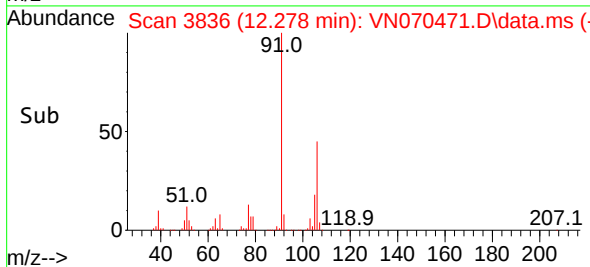
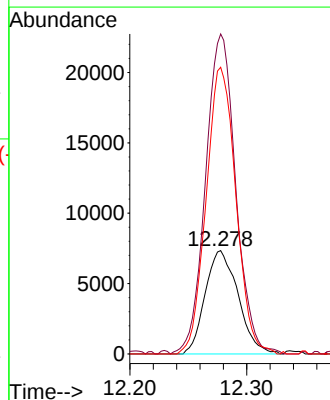
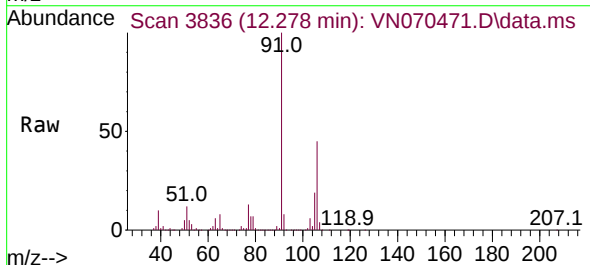
Instrument :
MSVOA_N
ClientSampleId :

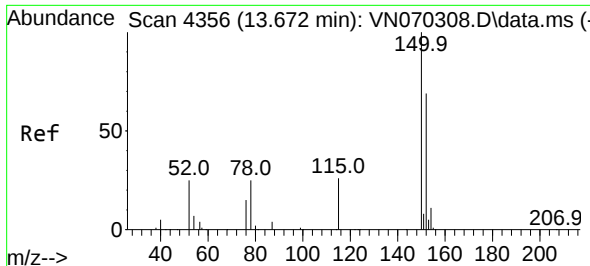
Tgt Ion:106 Resp: 258919
Ion Ratio Lower Upper
106 100
91 222.5 105.8 317.3



#70
Styrene
Concen: 0.405 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.016 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

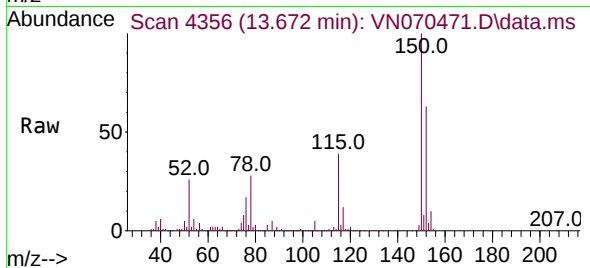
Tgt Ion:104 Resp: 14413
Ion Ratio Lower Upper
104 100
78 282.7 38.7 58.1#
103 250.2 45.0 67.6#



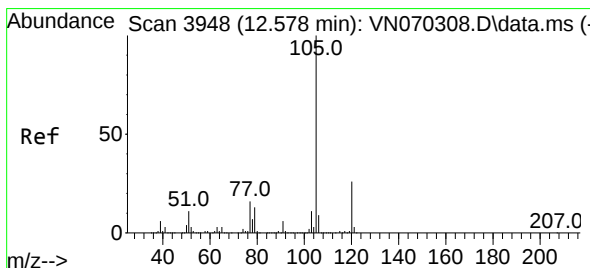
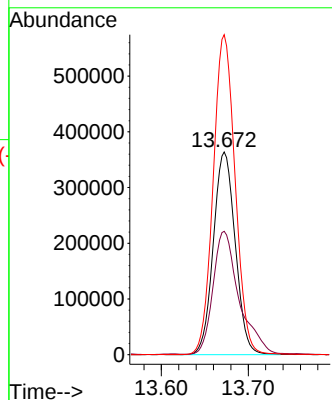
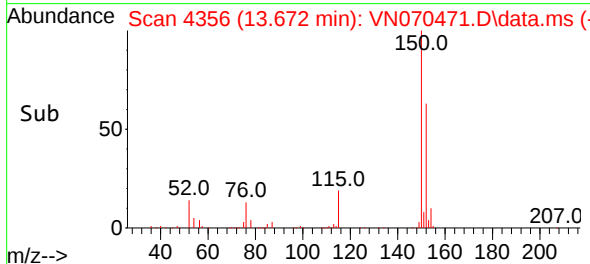


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

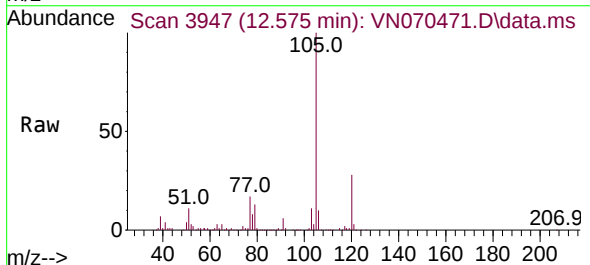
Instrument :
MSVOA_N
ClientSampleId :



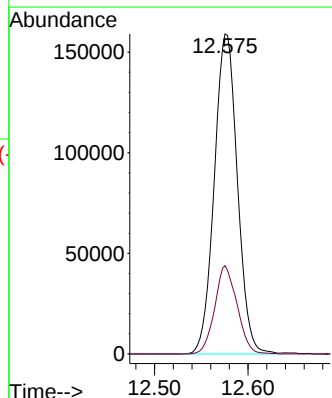
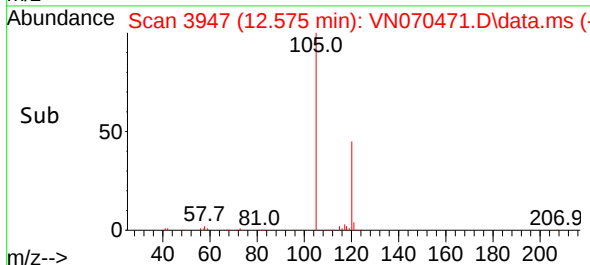
Tgt Ion:152 Resp: 637651
Ion Ratio Lower Upper
152 100
115 72.3 27.5 82.5
150 158.1 0.0 344.4

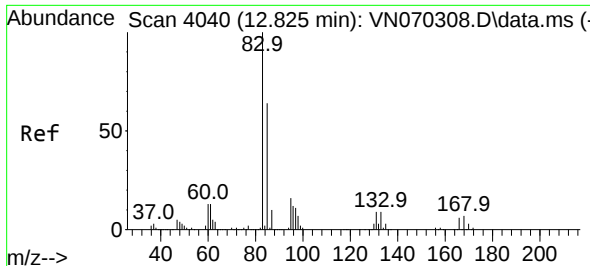


#73
Isopropylbenzene
Concen: 4.620 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24



Tgt Ion:105 Resp: 273579
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

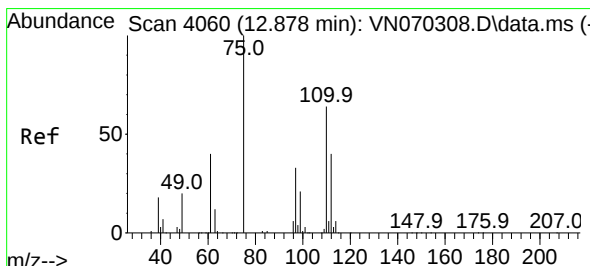
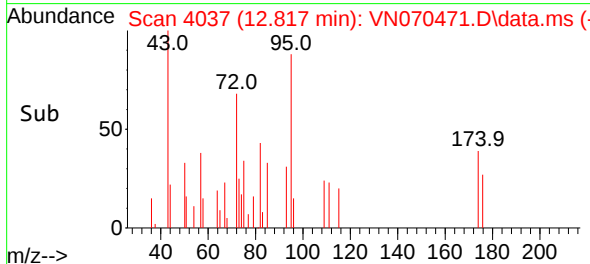
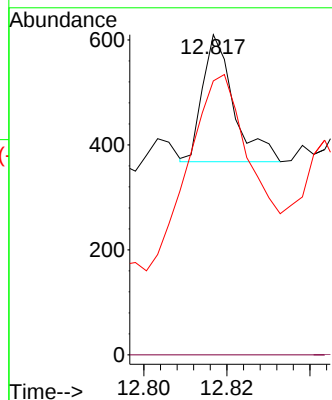
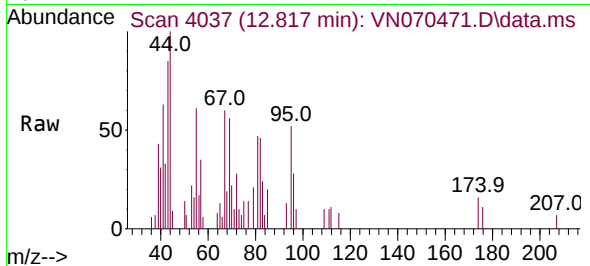




#75
1,1,2,2-Tetrachloroethane
Concen: 0.453 ug/l
RT: 12.817 min Scan# 4003
Delta R.T. -0.008 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

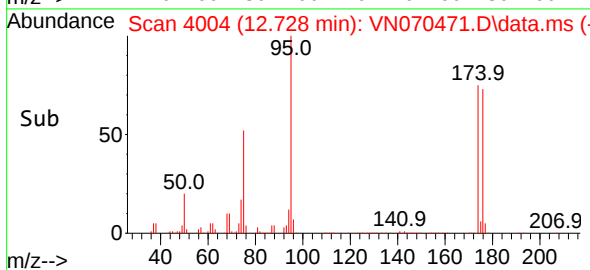
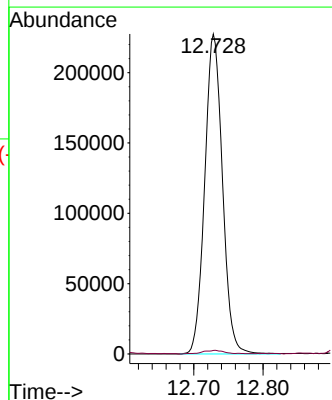
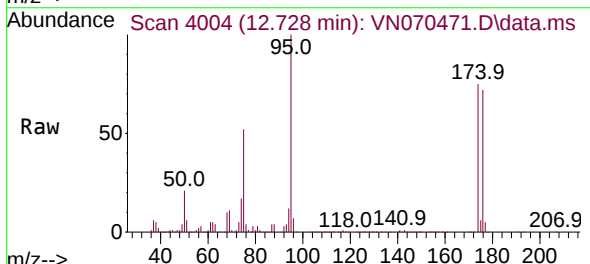
Instrument :
MSVOA_N
ClientSampleId :

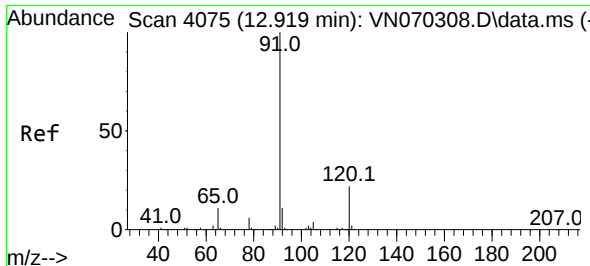
Tgt Ion: 83 Resp: 126
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 627.8 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 22.993 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 75 Resp: 404562
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#

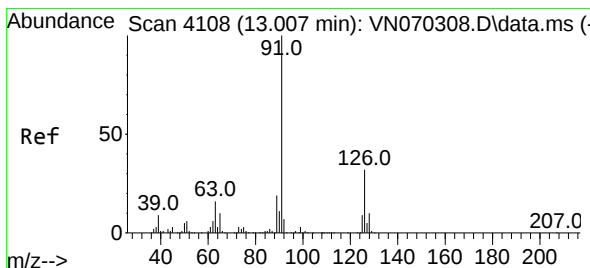
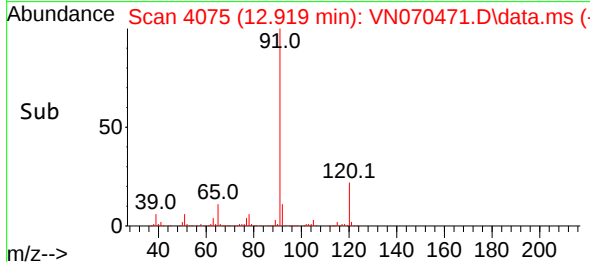
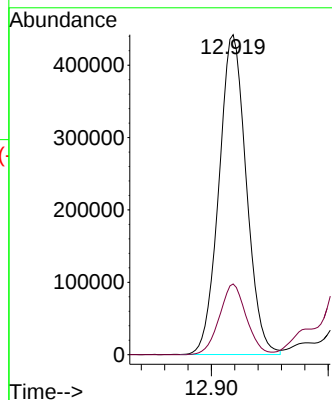
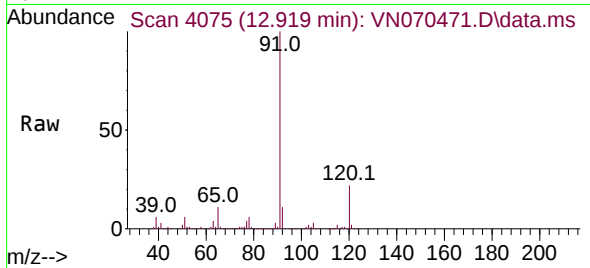




#78
n-propylbenzene
Concen: 10.952 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

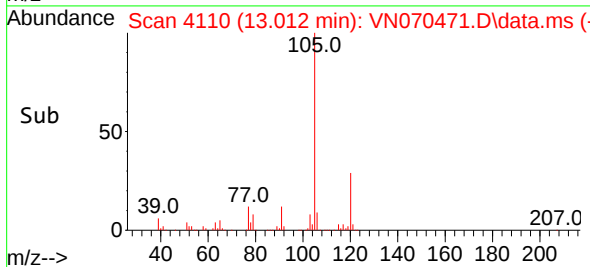
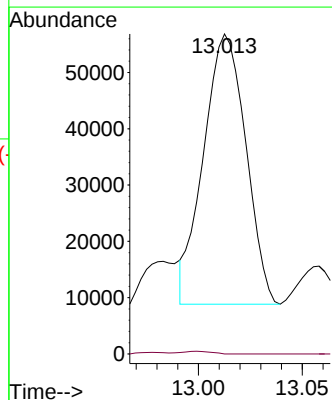
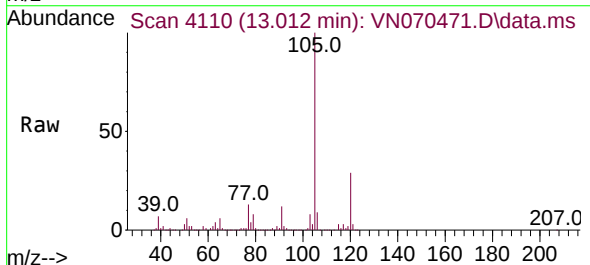
Instrument :
MSVOA_N
ClientSampleId :

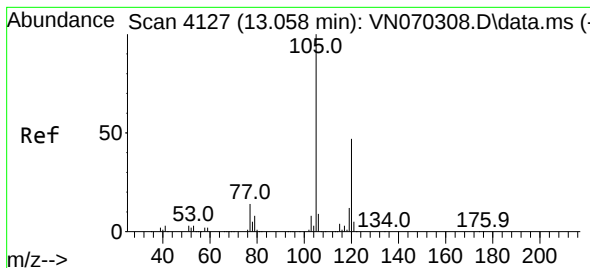
Tgt Ion: 91 Resp: 718523
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 1.615 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.005 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 91 Resp: 67990
Ion Ratio Lower Upper
91 100
126 0.7 18.3 54.8#





#80

1,3,5-Trimethylbenzene

Concen: 4.566 ug/l

RT: 13.058 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

Instrument :

MSVOA_N

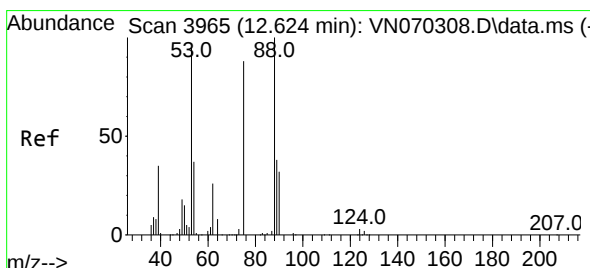
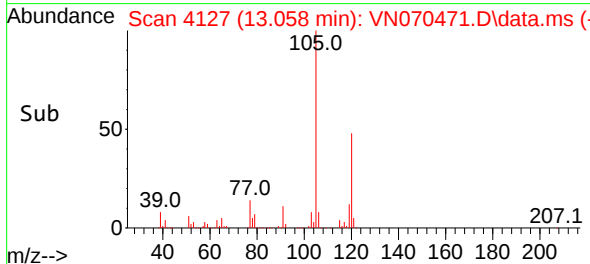
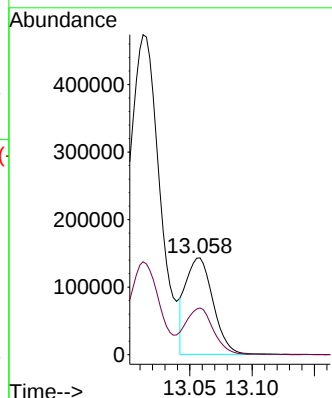
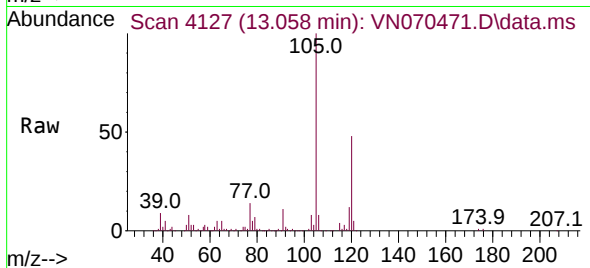
ClientSampleId :

Tgt Ion:105 Resp: 216645

Ion Ratio Lower Upper

105 100

120 49.8 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 77.516 ug/l

RT: 12.728 min Scan# 4004

Delta R.T. 0.104 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

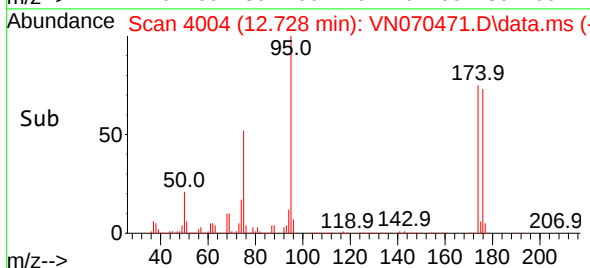
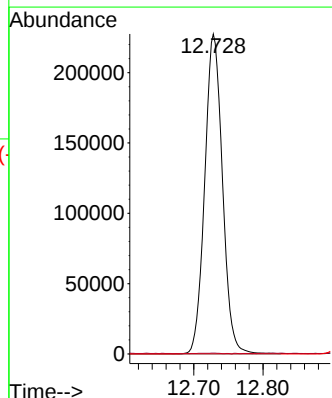
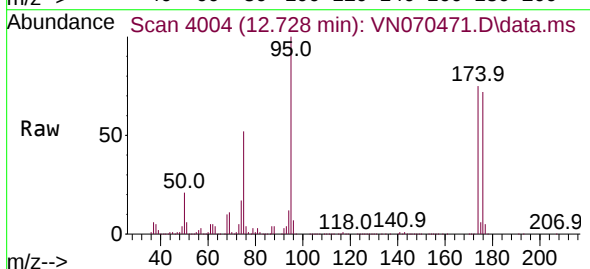
Tgt Ion: 75 Resp: 404562

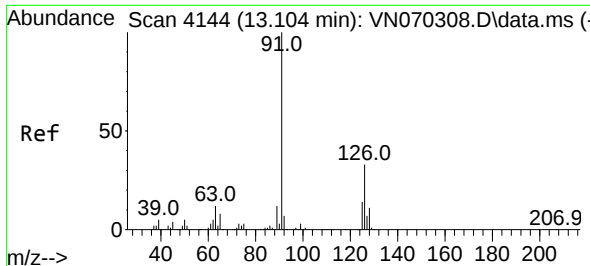
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 38.2 57.4#

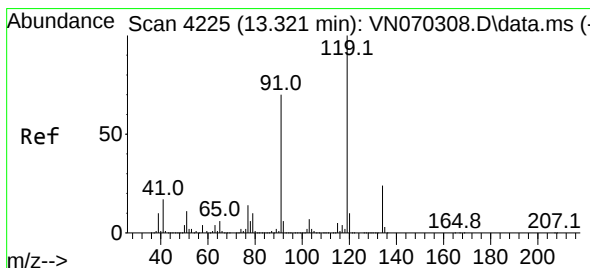
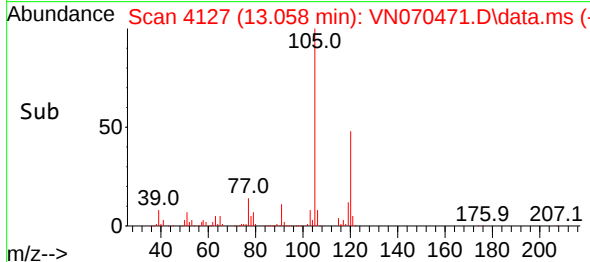
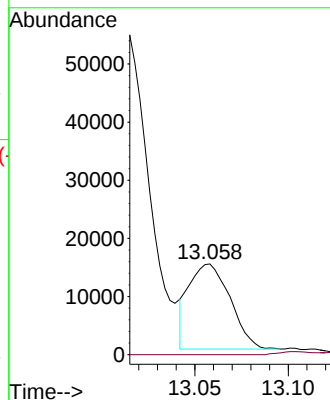
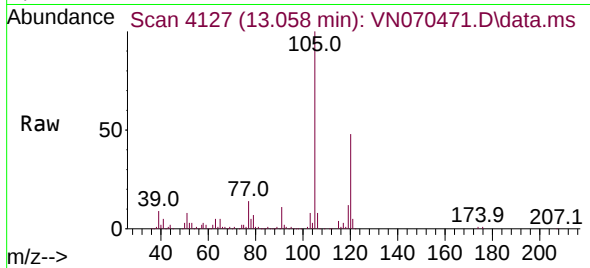




#82
4-Chlorotoluene
Concen: 0.569 ug/l
RT: 13.058 min Scan# 4144
Delta R.T. -0.046 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

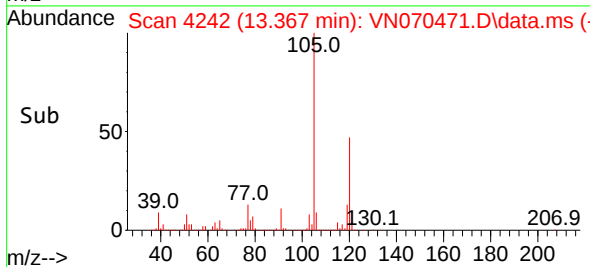
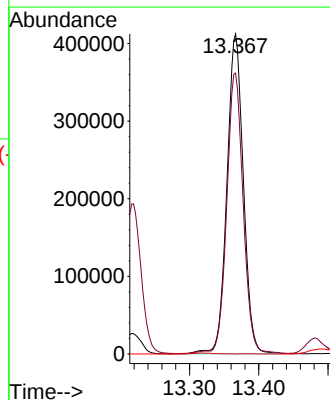
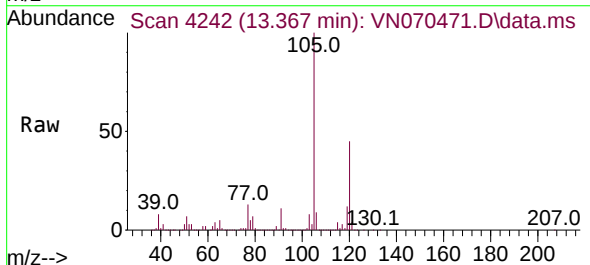
Instrument :
MSVOA_N
ClientSampleId :

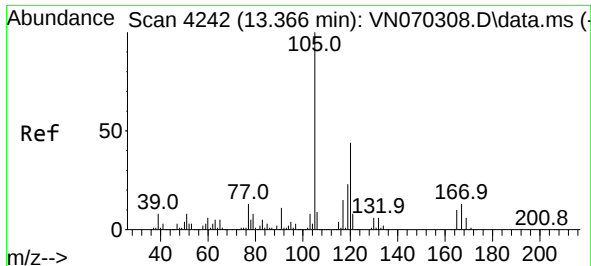
Tgt Ion: 91 Resp: 22431
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 16.245 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.046 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 119 Resp: 678762
Ion Ratio Lower Upper
119 100
91 87.9 31.5 94.5
134 0.0 12.4 37.4#

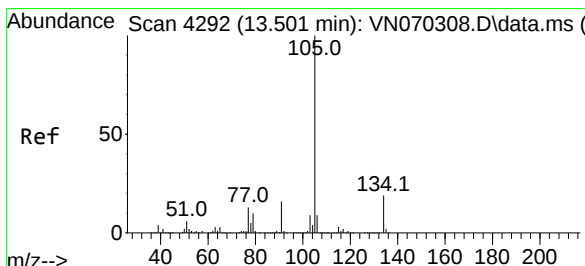
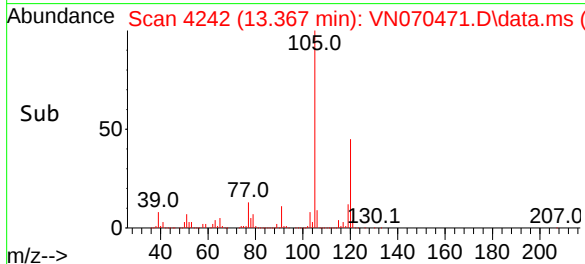
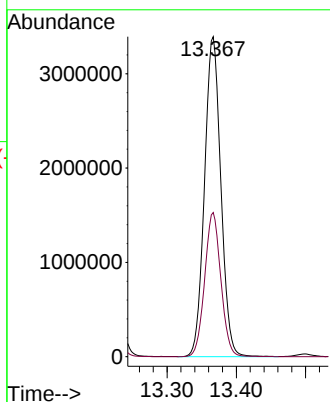
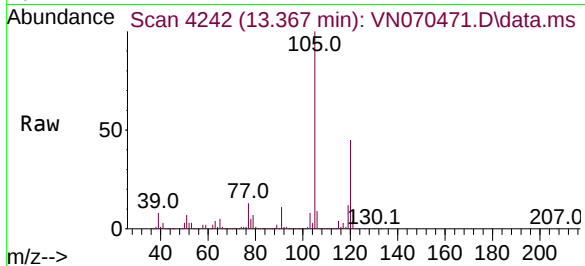




#84
1,2,4-Trimethylbenzene
Concen: 121.678 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

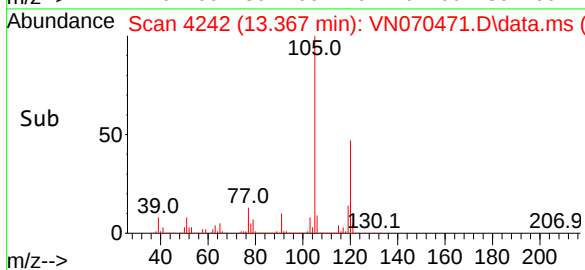
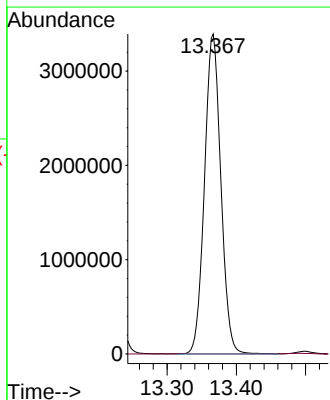
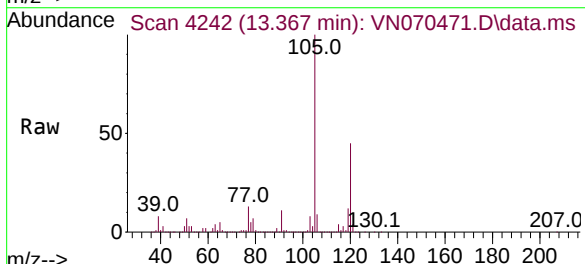
Instrument :
MSVOA_N
ClientSampleId :

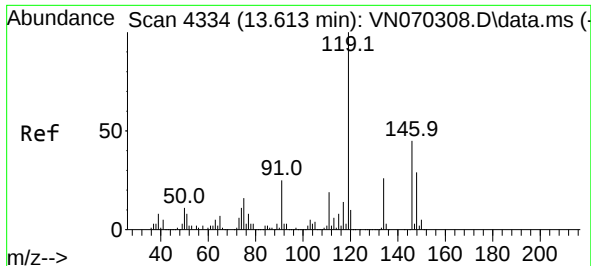
Tgt Ion:105 Resp: 5559836
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4



#85
sec-Butylbenzene
Concen: 98.009 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.134 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion:105 Resp: 5559836
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 0.538 ug/l

RT: 13.611 min Scan# 4334

Delta R.T. -0.002 min

Lab File: VN070471.D

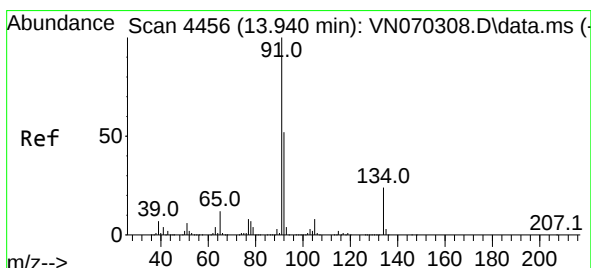
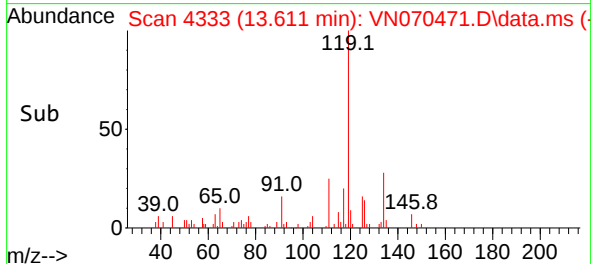
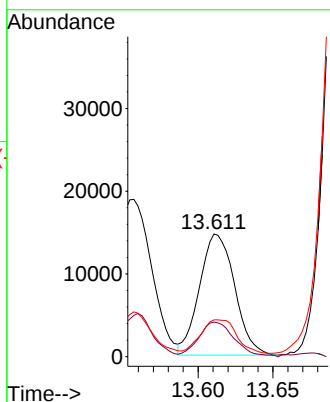
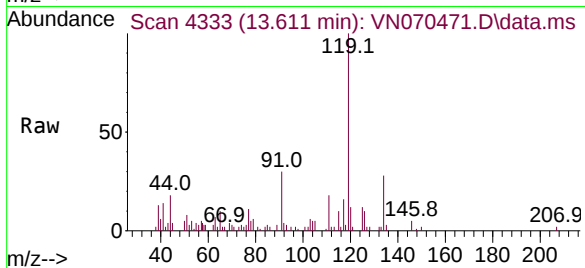
Acq: 4 Jan 2022 18:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	23990
Ion Ratio	Lower	Upper
119	100	
134	29.0	13.6 40.7
91	0.0	11.4 34.1#



#89

n-Butylbenzene

Concen: 1.135 ug/l

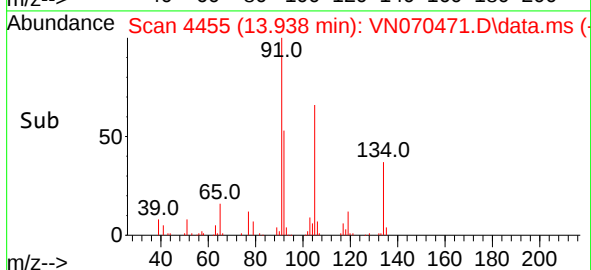
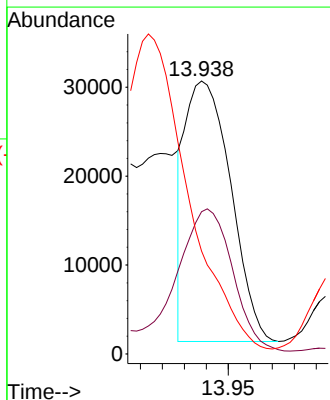
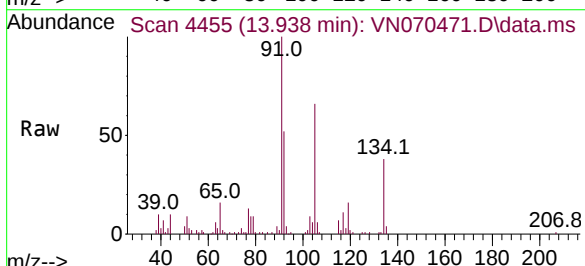
RT: 13.938 min Scan# 4455

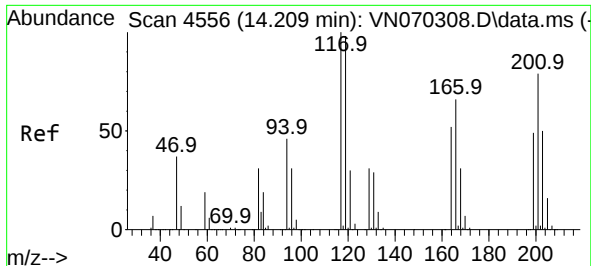
Delta R.T. -0.002 min

Lab File: VN070471.D

Acq: 4 Jan 2022 18:24

Tgt Ion: 91	Resp:	42198
Ion Ratio	Lower	Upper
91	100	
92	67.1	25.4 76.0
134	0.0	13.6 40.8#

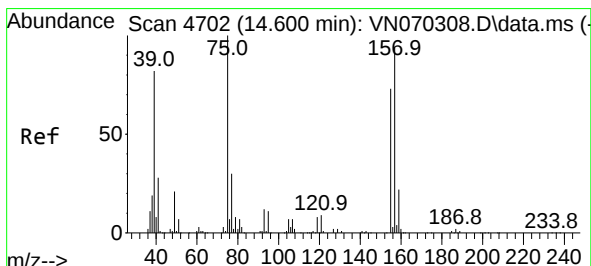
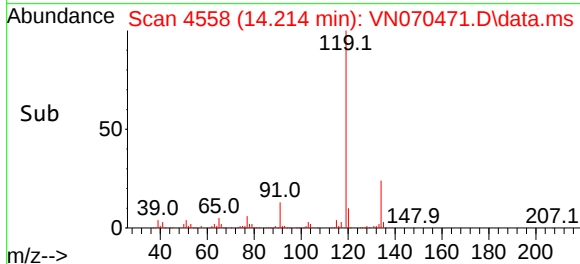
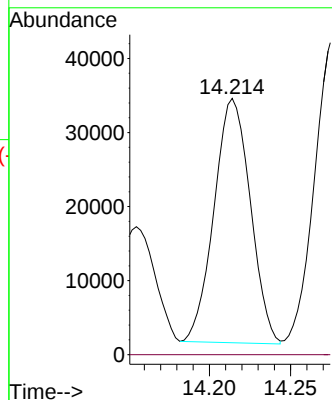
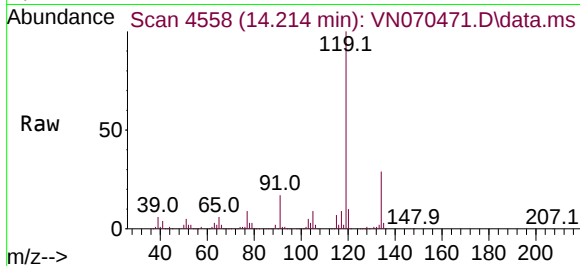




#90
Hexachloroethane
Concen: 6.623 ug/l
RT: 14.214 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

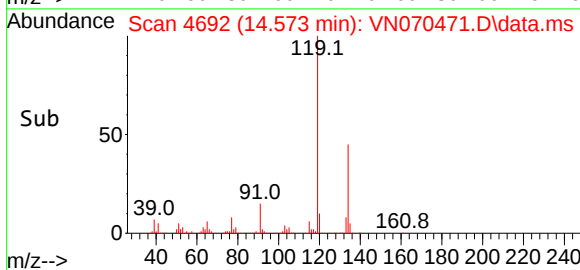
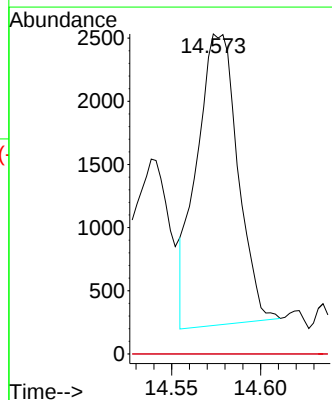
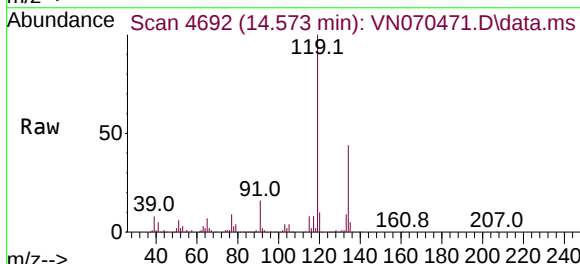
Instrument :
MSVOA_N
ClientSampleId :

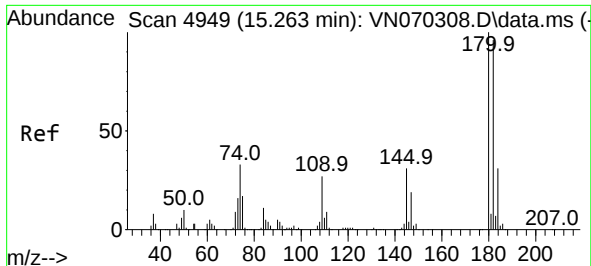
Tgt Ion:117 Resp: 51268
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.076 ug/l
RT: 14.573 min Scan# 4692
Delta R.T. -0.027 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

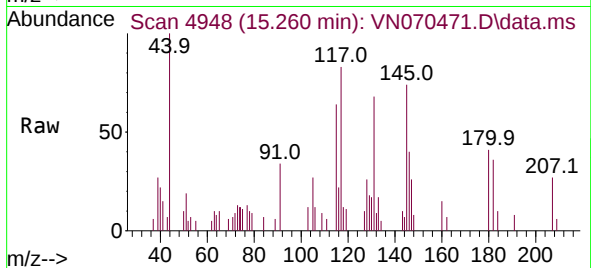
Tgt Ion: 75 Resp: 3692
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



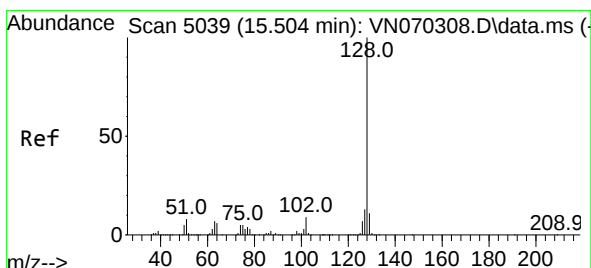
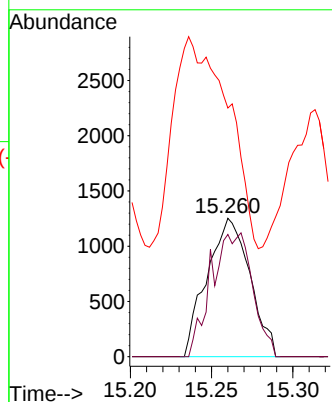
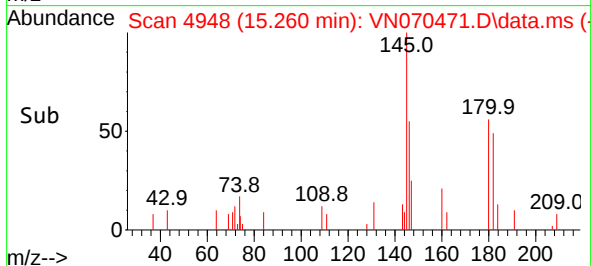


#93
 1,2,4-Trichlorobenzene
 Concen: 0.219 ug/l
 RT: 15.260 min Scan# 4949
 Delta R.T. -0.003 min
 Lab File: VN070471.D
 Acq: 4 Jan 2022 18:24

Instrument :
 MSVOA_N
 ClientSampleId :

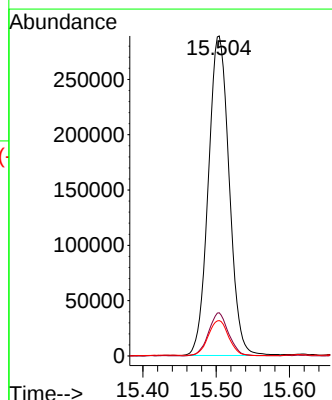
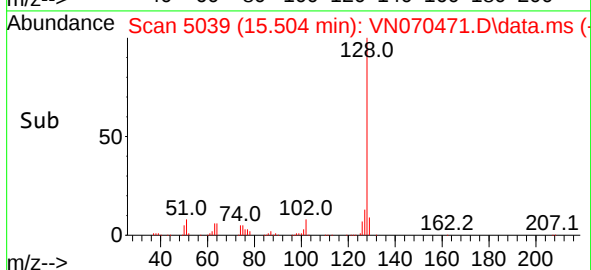
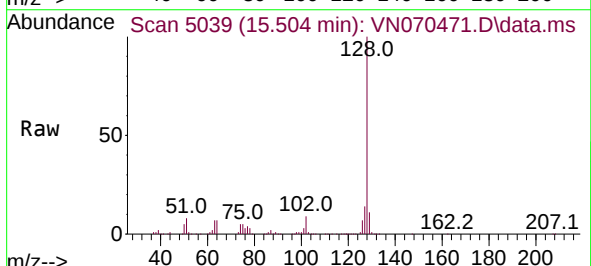


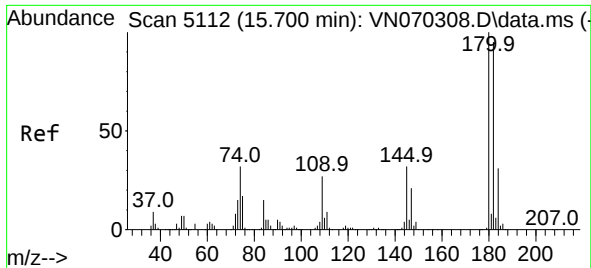
Tgt Ion:180 Resp: 2305
 Ion Ratio Lower Upper
 180 100
 182 47.5 48.3 144.9#
 145 0.0 14.5 43.5#



#95
 Naphthalene
 Concen: 20.764 ug/l
 RT: 15.504 min Scan# 5039
 Delta R.T. 0.000 min
 Lab File: VN070471.D
 Acq: 4 Jan 2022 18:24

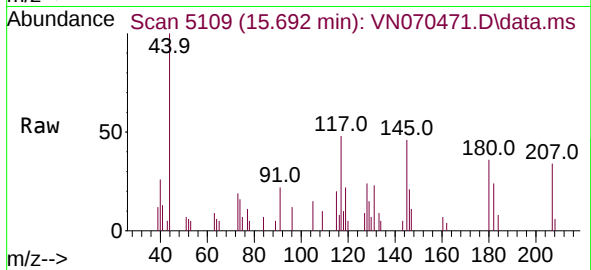
Tgt Ion:128 Resp: 571605
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.5 15.7
 129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.079 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070471.D
 Acq: 4 Jan 2022 18:24

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 2585
 Ion Ratio Lower Upper
 180 100
 182 78.3 47.4 142.2
 145 0.0 15.0 45.1#

