

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028209.D
 Acq On : 20 Apr 2022 19:41
 Operator : JC/MD
 Sample : N2459-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31576

Quant Time: Apr 21 06:16:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	383444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	658382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	625345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	340128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	266476	53.299	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.600%	
35) Dibromofluoromethane	5.391	113	245144	53.094	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.180%	
50) Toluene-d8	8.653	98	884231	49.862	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	11.079	95	342134	50.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.920%	

Target Compounds				Qvalue		
3) Chloromethane	1.294	50	425	Below Cal	#	88
5) Bromomethane	1.624	94	524	Below Cal		84
6) Chloroethane	1.697	64	547	Below Cal	#	43
8) Diethyl Ether	2.130	74	318	Below Cal		75
10) Methyl Iodide	2.471	142	252	5.288	ug/l #	55
11) Tert butyl alcohol	2.953	59	6094	Below Cal		99
13) Acrolein	2.215	56	2835	4.627	ug/l #	1
14) Allyl chloride	2.745	41	5172	1.046	ug/l #	6
15) Acrylonitrile	3.111	53	576	0.283	ug/l #	40
16) Acetone	2.374	43	60985	38.757	ug/l	98
18) Methyl Acetate	2.703	43	1104	0.248	ug/l #	59
19) Methyl tert-butyl Ether	3.117	73	6578	0.535	ug/l #	1
20) Methylene Chloride	2.788	84	898	0.242	ug/l #	83
22) Diisopropyl ether	3.757	45	7870	0.699	ug/l #	96
23) Vinyl Acetate	3.757	43	4591	0.467	ug/l #	66
25) 2-Butanone	4.568	43	15500	5.235	ug/l	93
29) Tetrahydrofuran	5.025	42	2608	1.351	ug/l	94
31) Cyclohexane	5.477	56	19276	3.165	ug/l	89
36) 1,1-Dichloropropene	5.550	75	28164	4.676	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38543	5.669	ug/l #	16
39) Methylcyclohexane	7.385	83	14134	1.860	ug/l #	91
40) Benzene	6.044	78	70839	4.018	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	5732	0.898	ug/l	91
52) Toluene	8.720	92	122965	10.040	ug/l	99
53) t-1,3-Dichloropropene	8.726	75	1498	0.217	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	2095	0.421	ug/l #	19
59) 2-Hexanone	9.433	43	3187	0.645	ug/l	87
67) Ethyl Benzene	10.195	91	75749	3.388	ug/l	97
68) m/p-Xylenes	10.305	106	1008172	110.799	ug/l	95
69) o-Xylene	10.640	106	850738	93.777	ug/l	95
70) Styrene	10.640	104	42048	2.861	ug/l #	1
73) Isopropylbenzene	10.963	105	8653	0.370	ug/l	99
76) 1,2,3-Trichloropropane	11.384	75	13279	1.984	ug/l #	1
78) n-propylbenzene	11.305	91	11562	0.446	ug/l #	52
79) 2-Chlorotoluene	11.378	91	195931	12.157	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	726245	36.596	ug/l	97

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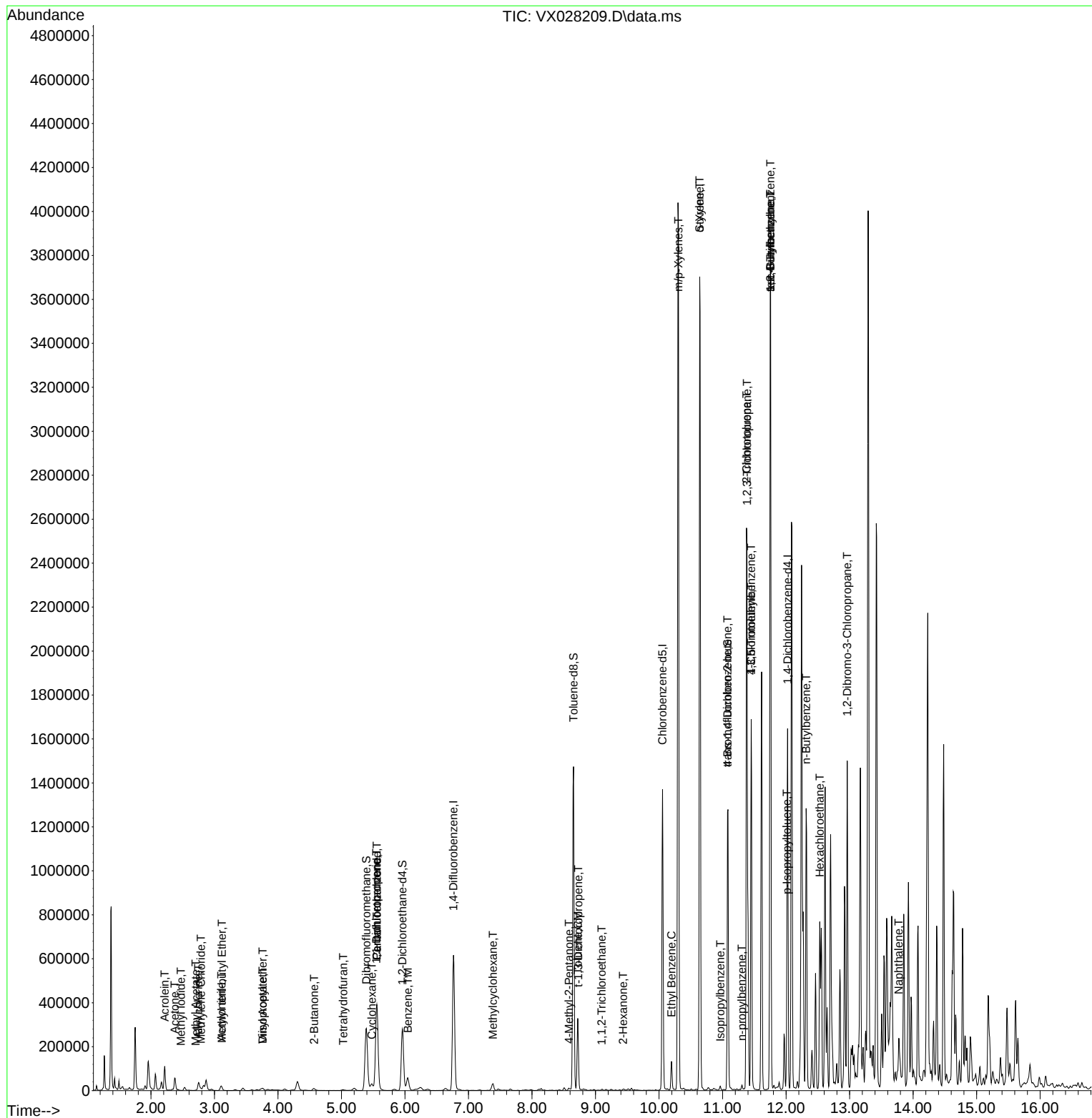
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	11.079	75	168428	74.773	ug/l #	15
82) 4-Chlorotoluene	11.451	91	75978	4.093	ug/l #	45
83) tert-Butylbenzene	11.756	119	217720	10.744	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.756	105	1740247	88.218	ug/l	96
85) sec-Butylbenzene	11.756	105	1740247	71.183	ug/l #	56
86) p-Isopropyltoluene	12.012	119	29433	1.396	ug/l	96
89) n-Butylbenzene	12.317	91	108935	6.290	ug/l #	1
90) Hexachloroethane	12.530	117	31429	9.795	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	4043	2.396	ug/l #	1
95) Naphthalene	13.774	128	133691	5.937	ug/l #	95

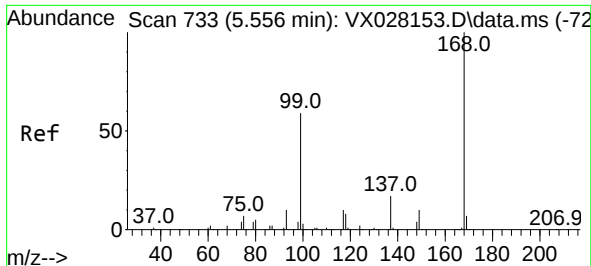
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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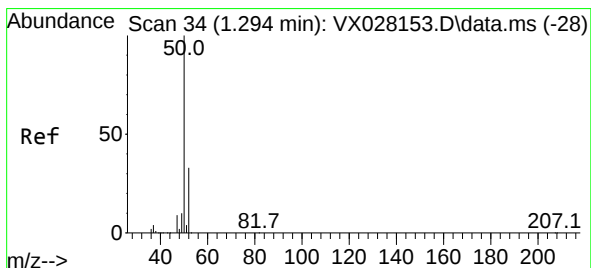
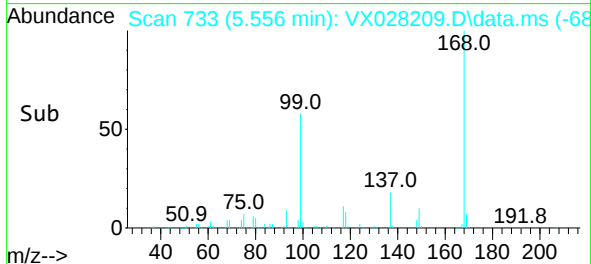
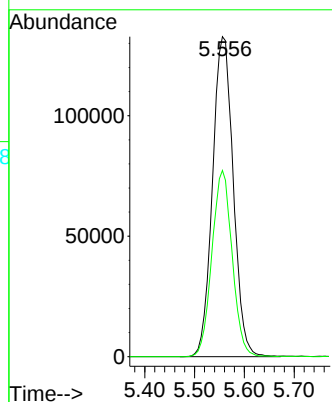
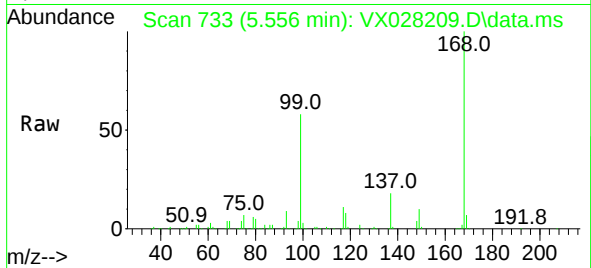




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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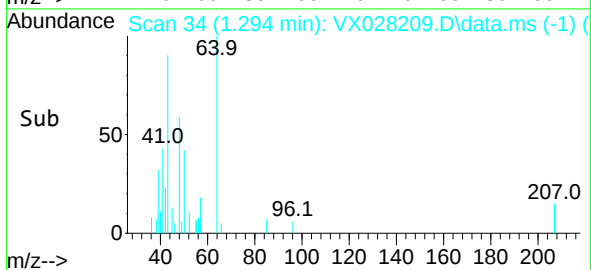
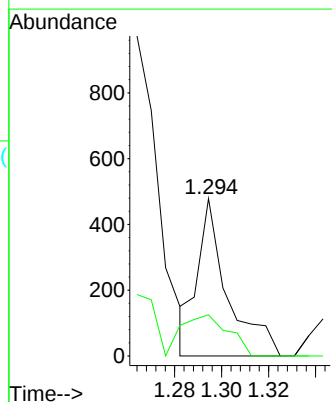
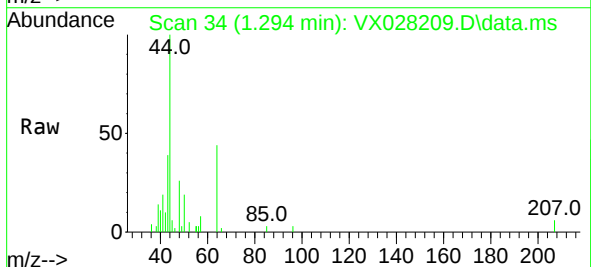
Instrument :
MSVOA_X
ClientSampleId :
31576

Tgt Ion:168 Resp: 383444
Ion Ratio Lower Upper
168 100
99 58.2 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 26.1 26.4 39.6#

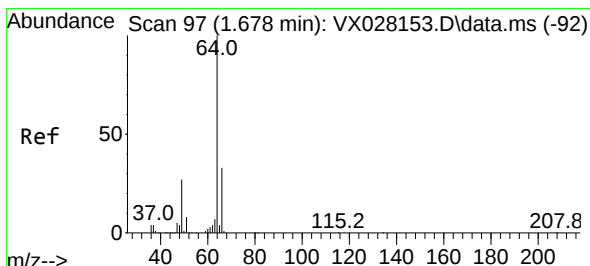
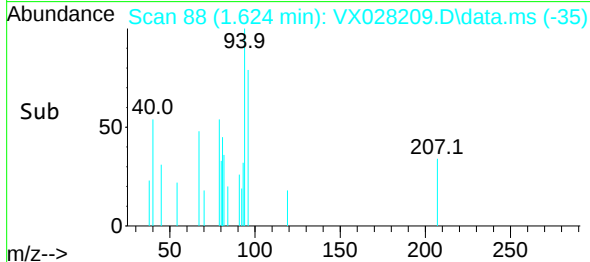
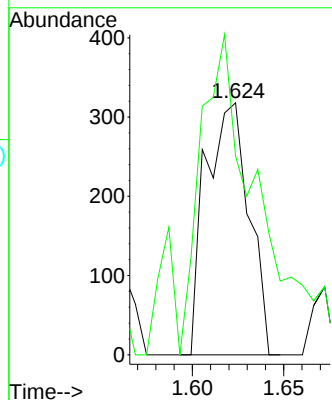
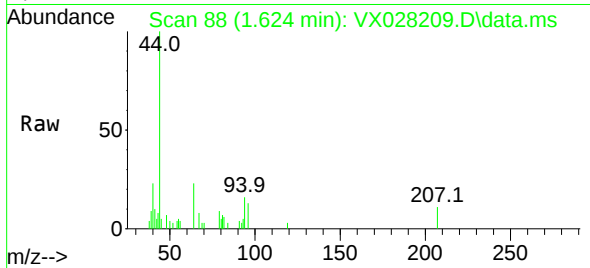




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

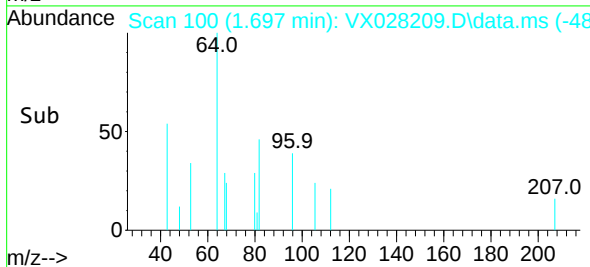
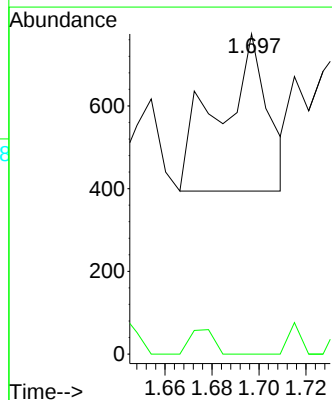
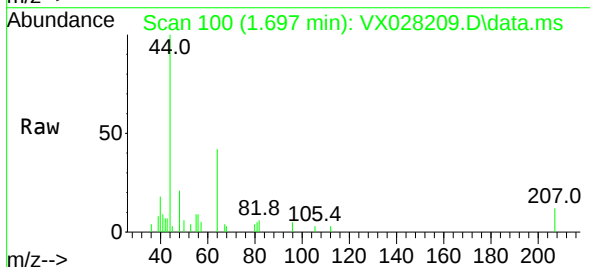
Instrument :
MSVOA_X
ClientSampleId :
31576

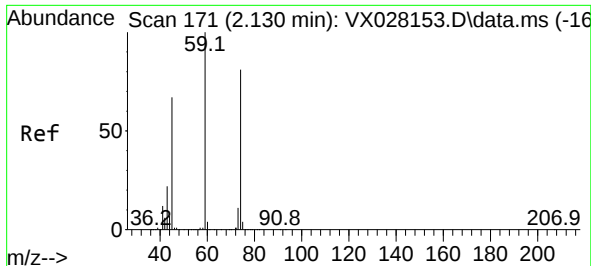
Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 78.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 64 Resp: 547
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

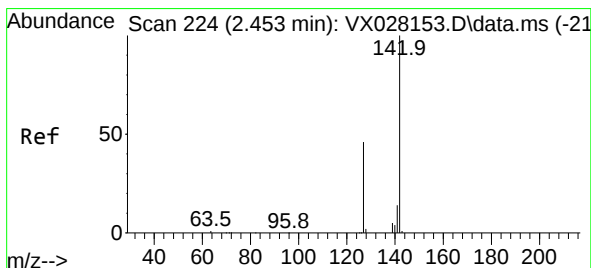
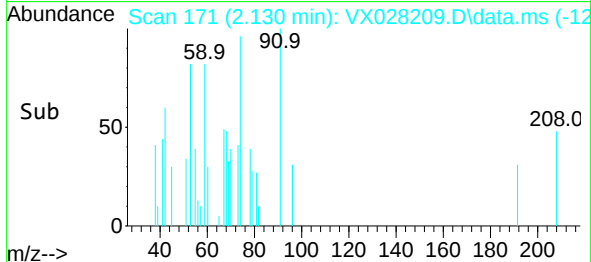
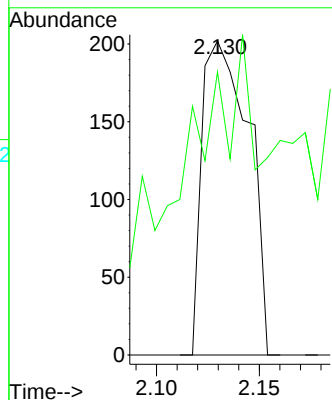
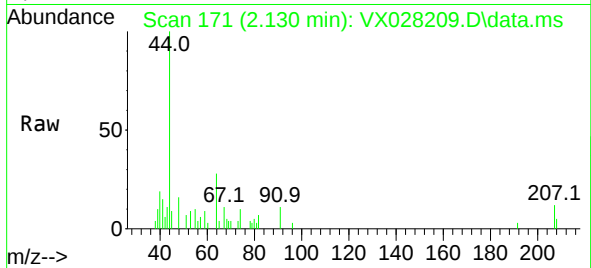




#8
Diethyl Ether
Concen: Below Cal
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

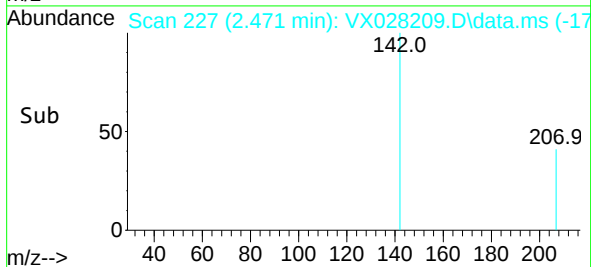
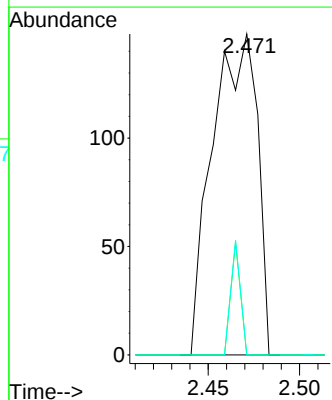
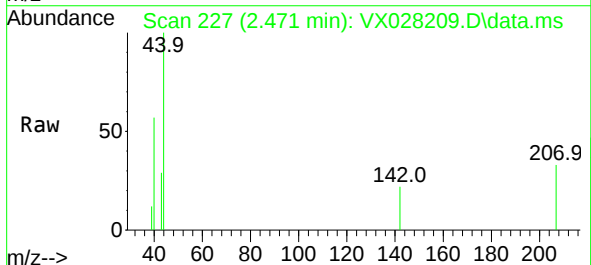
Instrument :
MSVOA_X
ClientSampleId :
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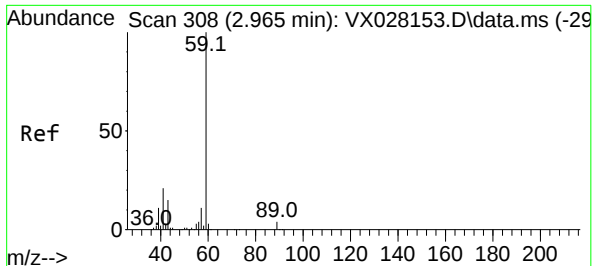
Tgt Ion: 74 Resp: 318
Ion Ratio Lower Upper
74 100
45 61.6 42.0 126.0



#10
Methyl Iodide
Concen: 5.288 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
127 7.5 33.9 50.9#
141 7.5 11.4 17.2#

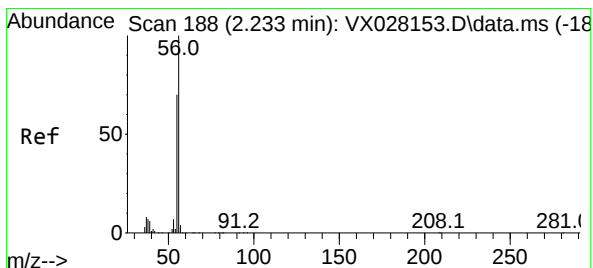
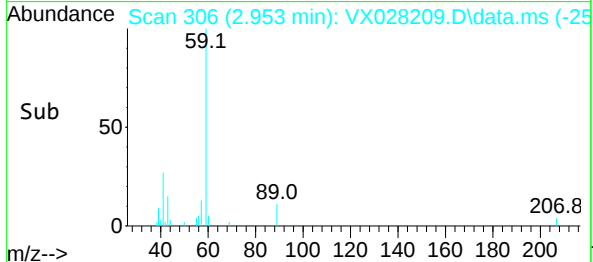
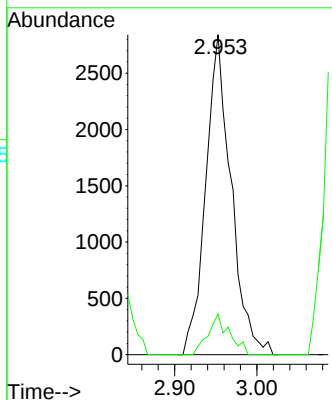
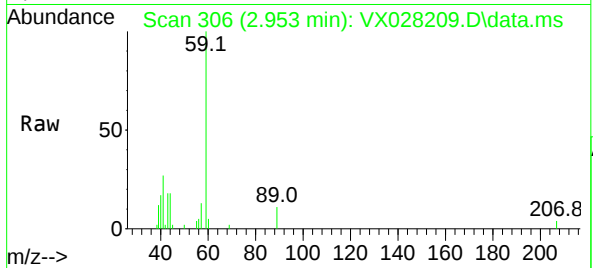




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

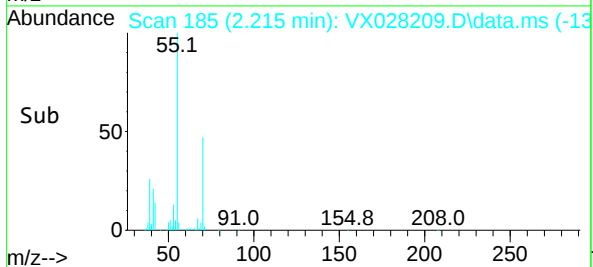
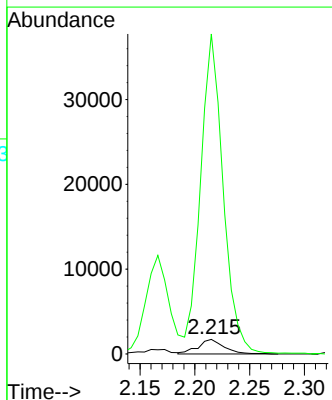
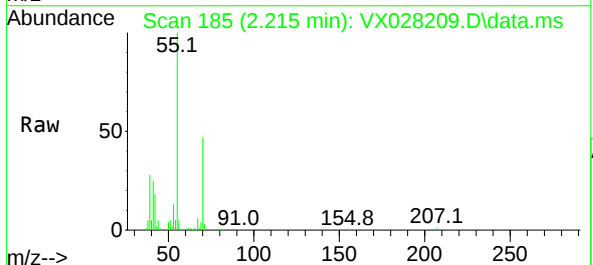
Instrument :
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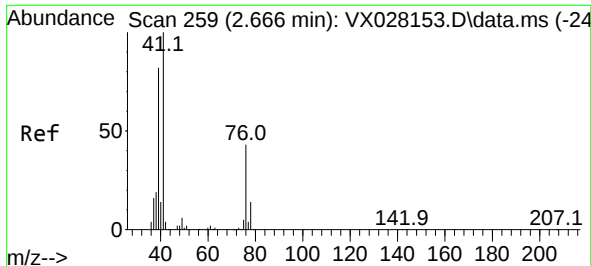
Tgt Ion: 59 Resp: 6094
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#13
Acrolein
Concen: 4.627 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

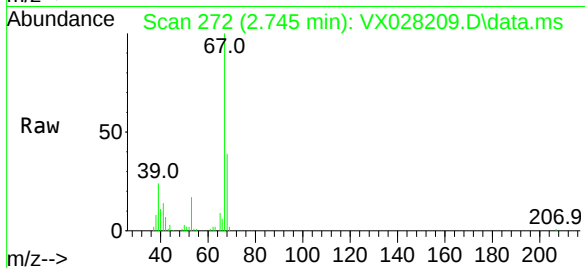
Tgt Ion: 56 Resp: 2835
Ion Ratio Lower Upper
56 100
55 1906.4 55.0 82.6#



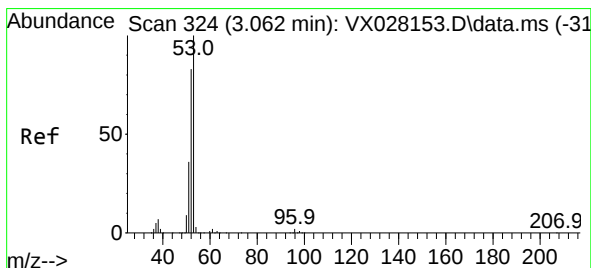
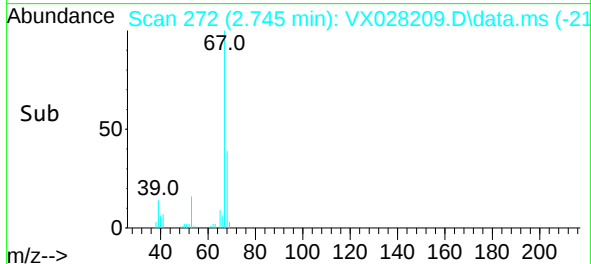
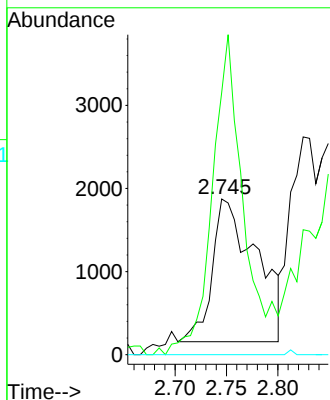


#14
 Allyl chloride
 Concen: 1.046 ug/l
 RT: 2.745 min Scan# 21
 Delta R.T. 0.079 min
 Lab File: VX028209.D
 Acq: 20 Apr 2022 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 31576

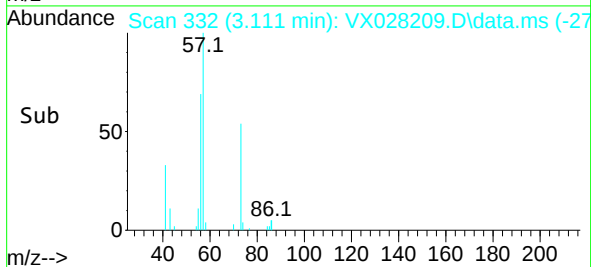
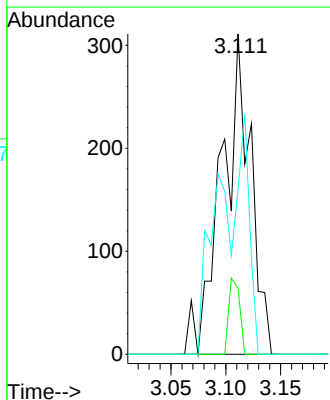
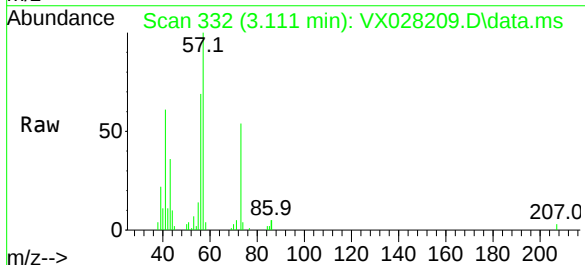


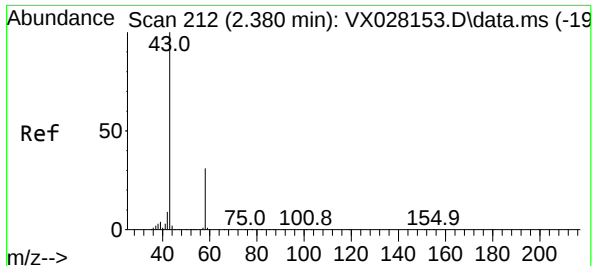
Tgt Ion: 41 Resp: 5172
 Ion Ratio Lower Upper
 41 100
 39 150.7 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 0.283 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.049 min
 Lab File: VX028209.D
 Acq: 20 Apr 2022 19:41

Tgt Ion: 53 Resp: 576
 Ion Ratio Lower Upper
 53 100
 52 8.7 65.7 98.5#
 51 30.9 28.4 42.6

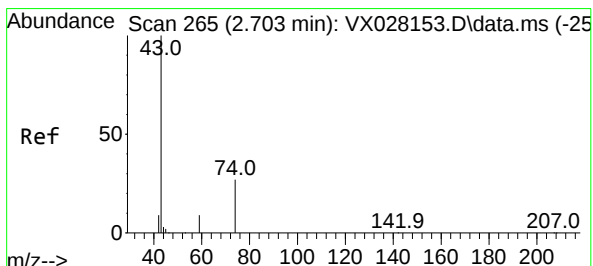
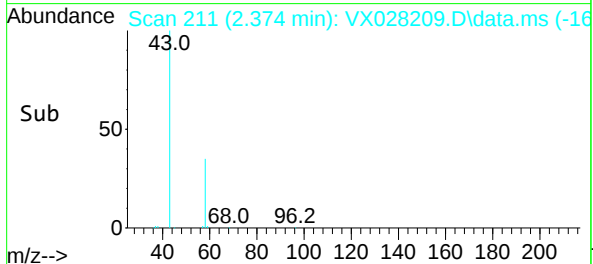
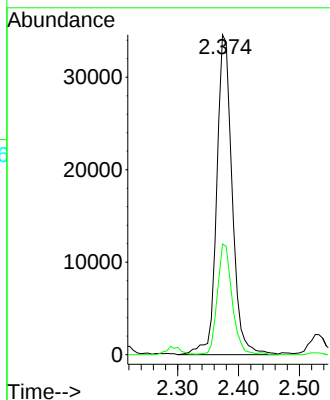
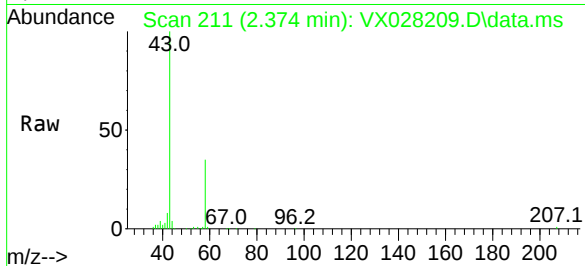




#16
Acetone
Concen: 38.757 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

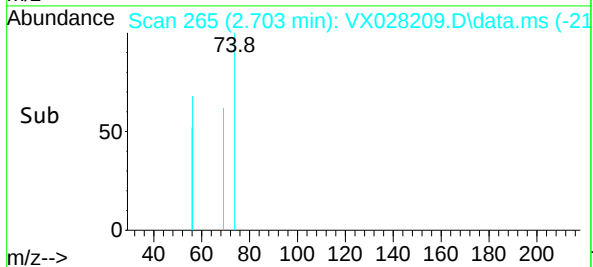
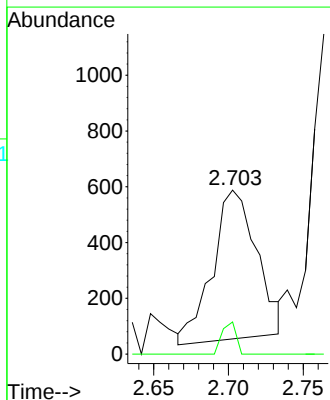
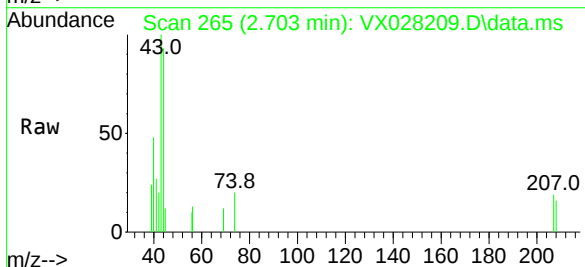
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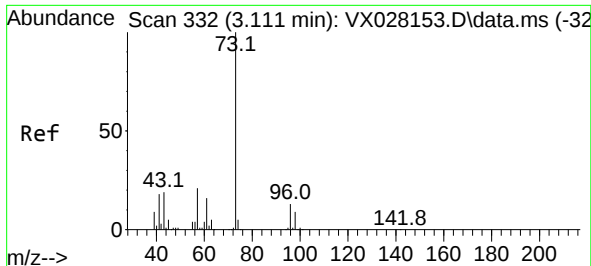
Tgt Ion: 43 Resp: 60985
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.248 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
74 6.8 22.8 34.2#

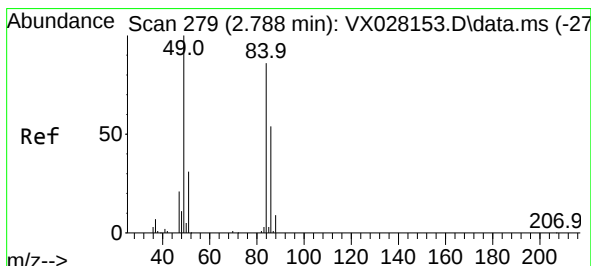
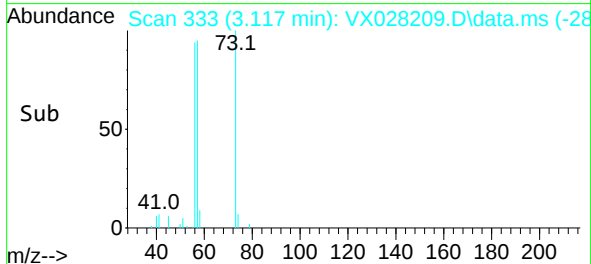
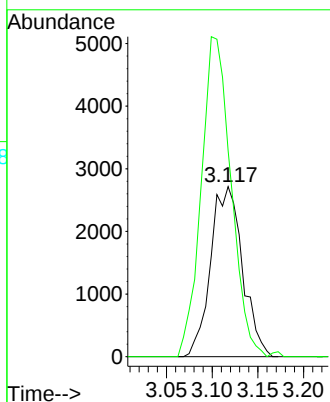
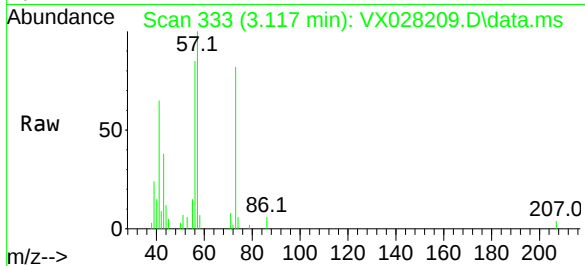




#19
Methyl tert-butyl Ether
Concen: 0.535 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

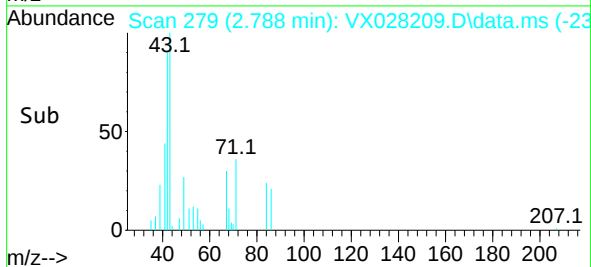
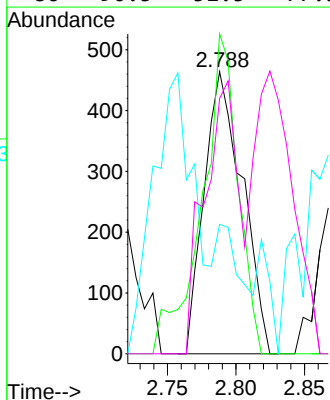
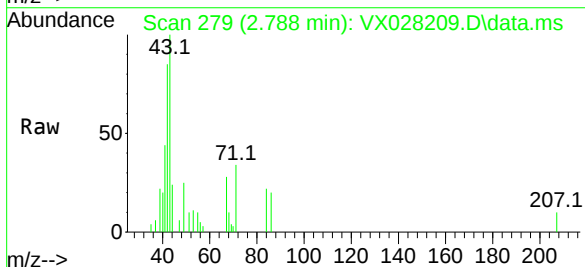
Instrument :
MSVOA_X
ClientSampleId :
31576

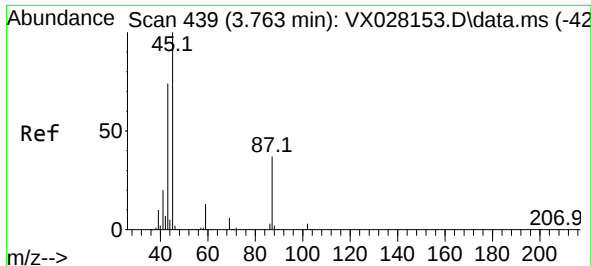
Tgt Ion: 73 Resp: 6578
Ion Ratio Lower Upper
73 100
57 121.2 16.8 25.2#



#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 84 Resp: 898
Ion Ratio Lower Upper
84 100
49 113.4 85.5 128.3
51 45.9 26.6 39.8#
86 90.5 51.5 77.3#

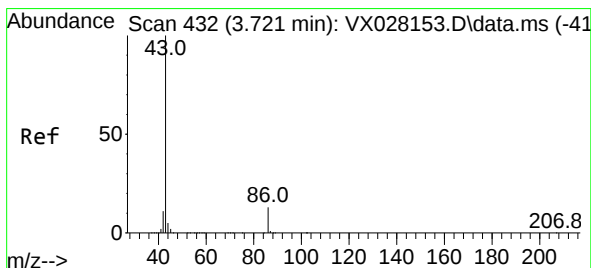
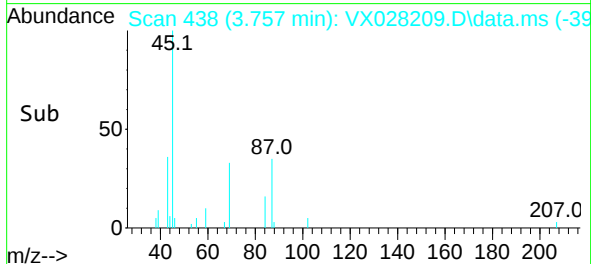
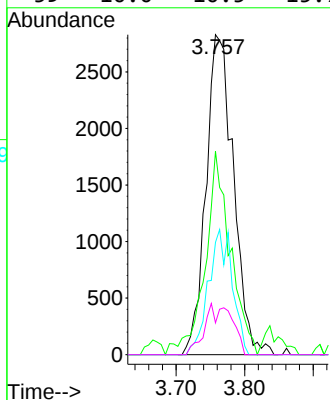
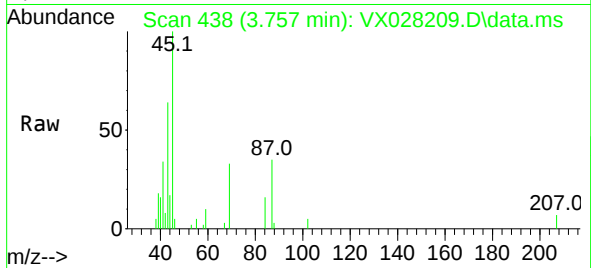




#22
Diisopropyl ether
Concen: 0.699 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

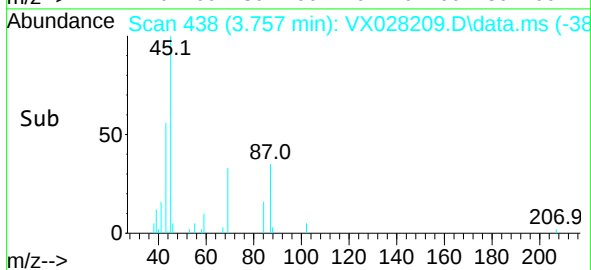
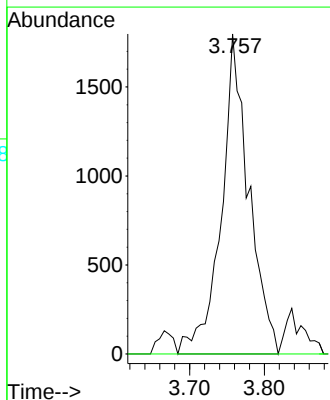
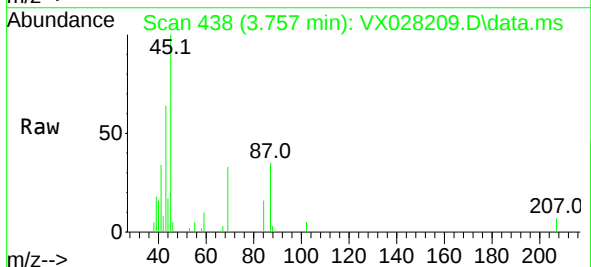
Instrument :
MSVOA_X
ClientSampleId :
31576

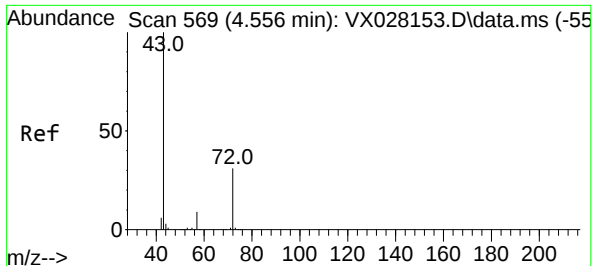
Tgt Ion: 45	Resp: 7870
Ion Ratio	Lower Upper
45 100	
43 60.9	50.8 76.2
87 35.1	26.6 39.8
59 10.0	10.5 15.7#



#23
Vinyl Acetate
Concen: 0.467 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.036 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 43	Resp: 4591		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.8	16.2#	





#25

2-Butanone

Concen: 5.235 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

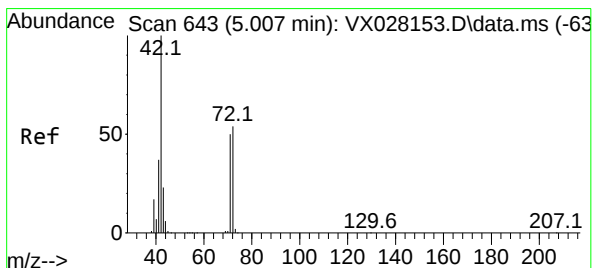
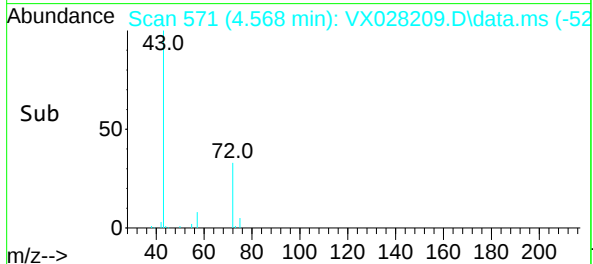
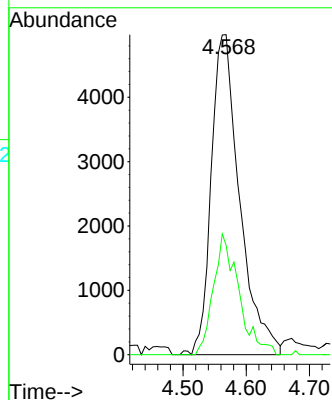
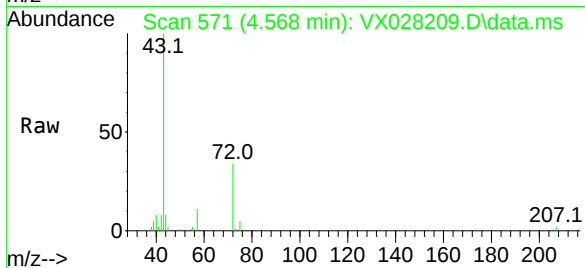
31576

Tgt Ion: 43 Resp: 15500

Ion Ratio Lower Upper

43 100

72 34.2 24.4 36.6



#29

Tetrahydrofuran

Concen: 1.351 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

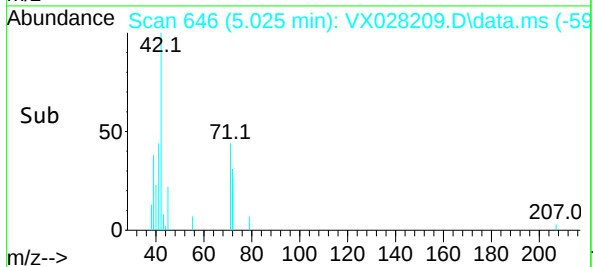
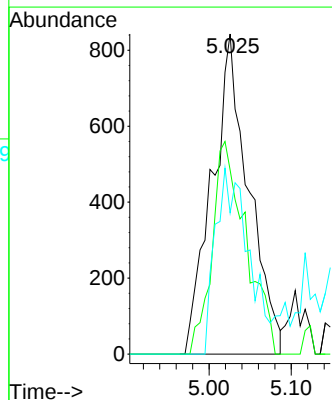
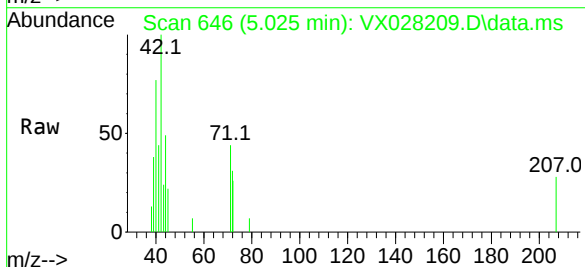
Tgt Ion: 42 Resp: 2608

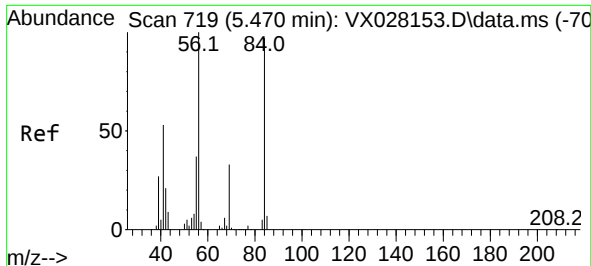
Ion Ratio Lower Upper

42 100

72 61.5 44.1 66.1

71 52.3 40.5 60.7

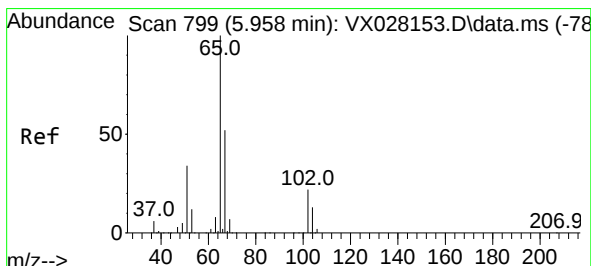
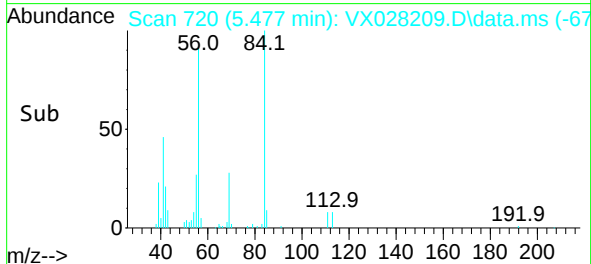
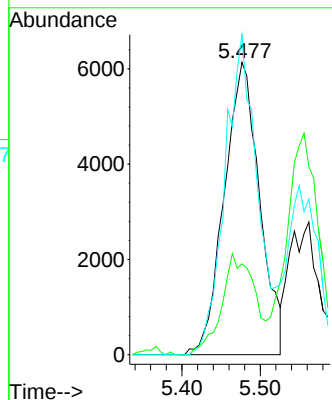
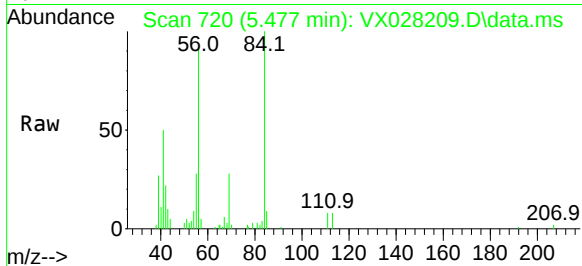




#31
Cyclohexane
Concen: 3.165 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

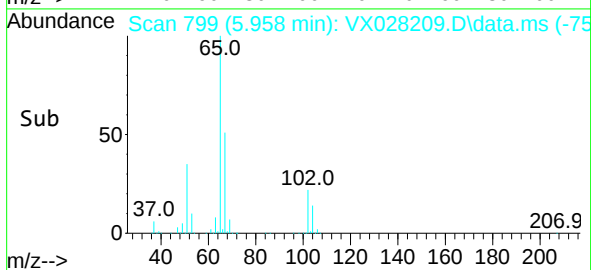
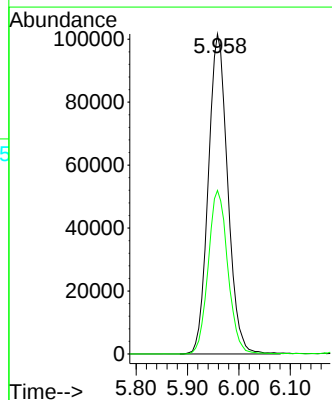
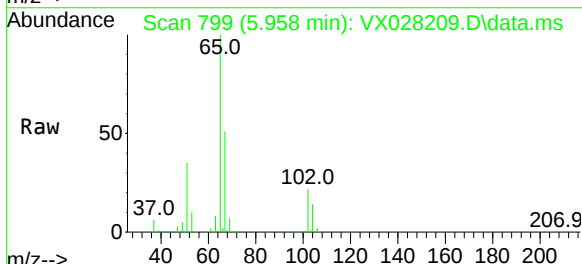
Instrument :
MSVOA_X
ClientSampleId :
31576

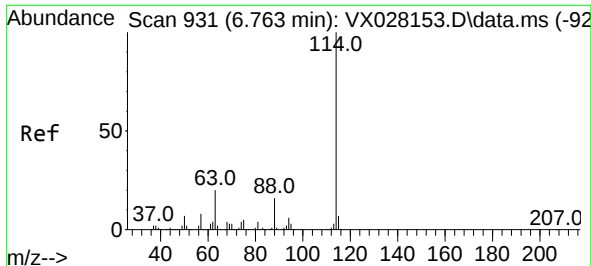
Tgt Ion: 56 Resp: 19276
Ion Ratio Lower Upper
56 100
69 31.1 26.7 40.1
84 109.5 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 53.299 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 65 Resp: 266476
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

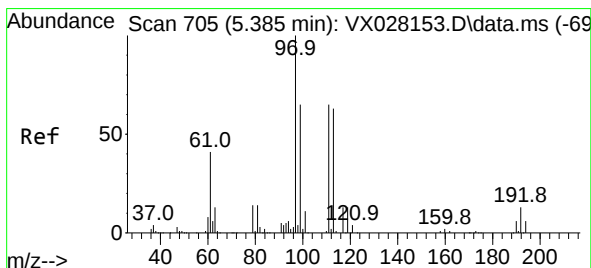
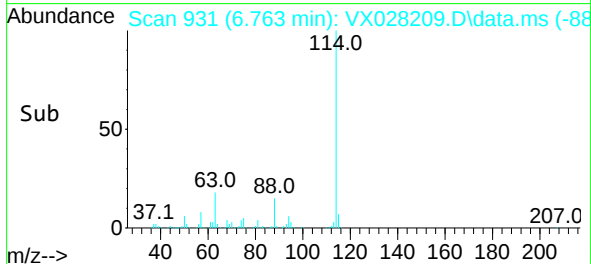
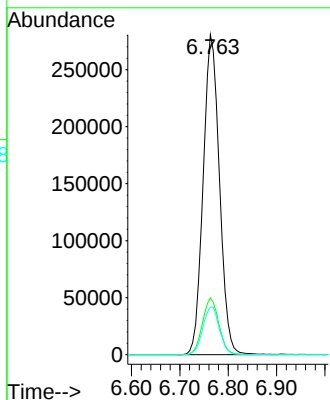
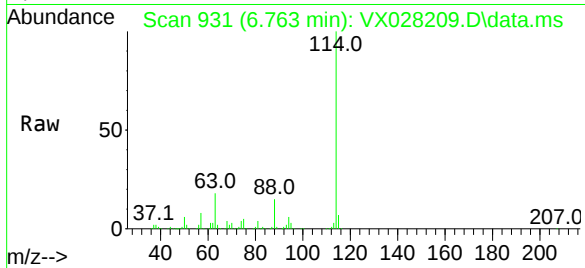




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

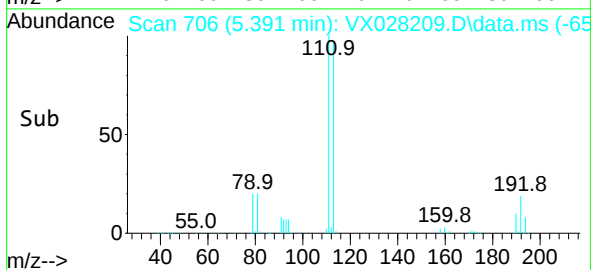
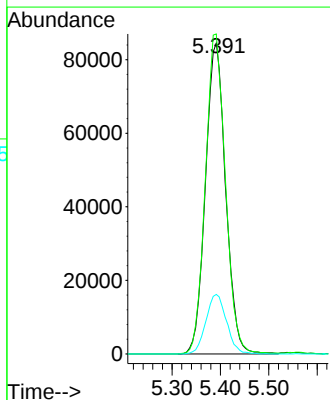
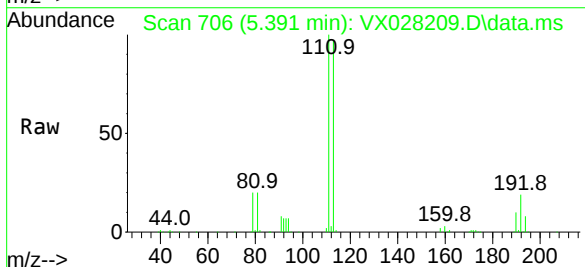
Instrument :
MSVOA_X
ClientSampleId :
31576

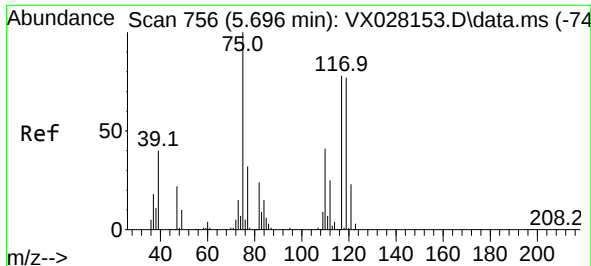
Tgt Ion:114 Resp: 658382
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 14.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.094 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion:113 Resp: 245144
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.6 16.9 25.3

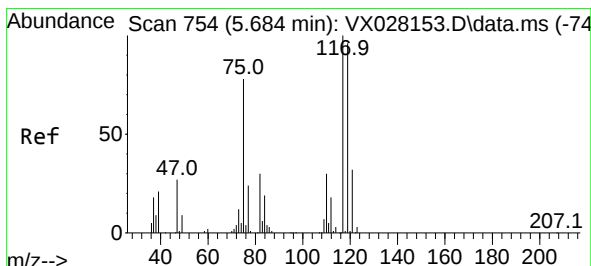
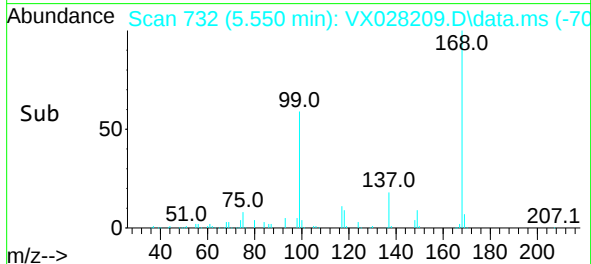
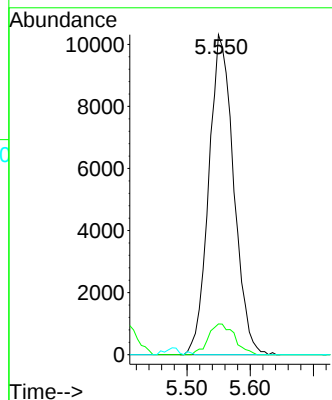
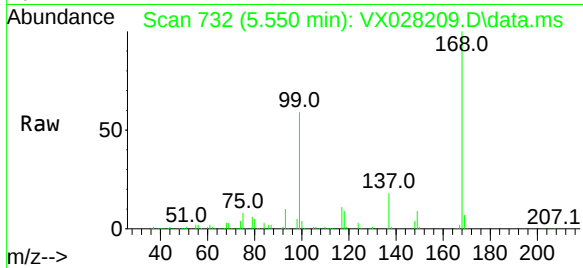




#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

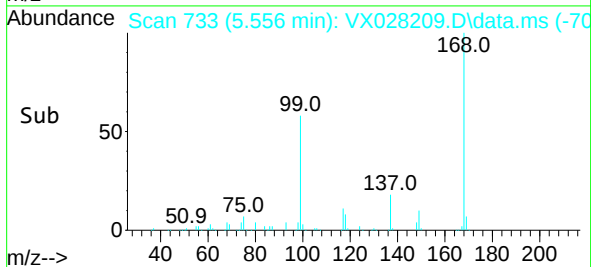
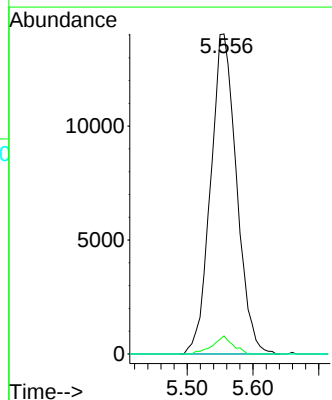
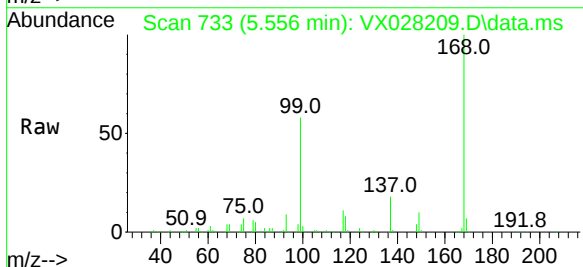
Instrument :
MSVOA_X
ClientSampleId :
31576

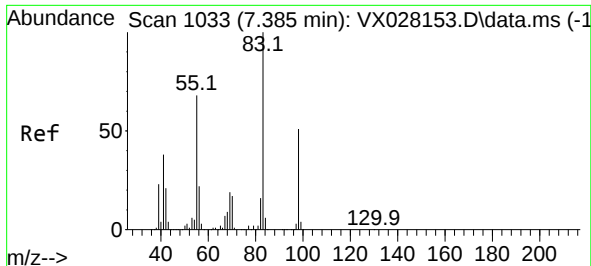
Tgt Ion: 75 Resp: 28164
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 117 Resp: 38543
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#

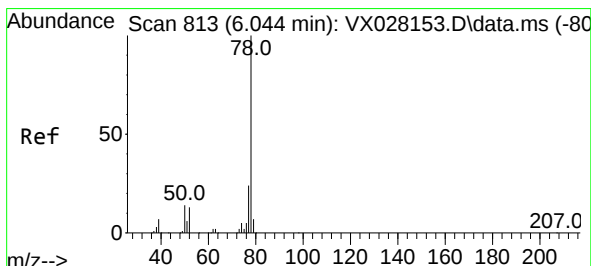
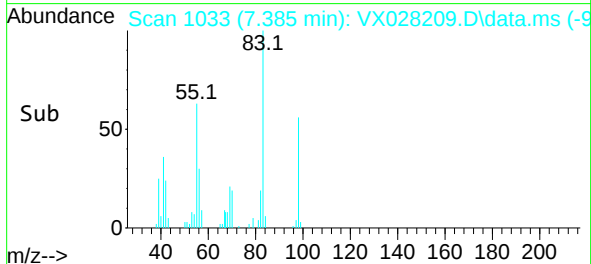
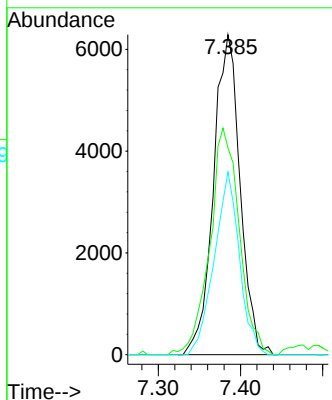
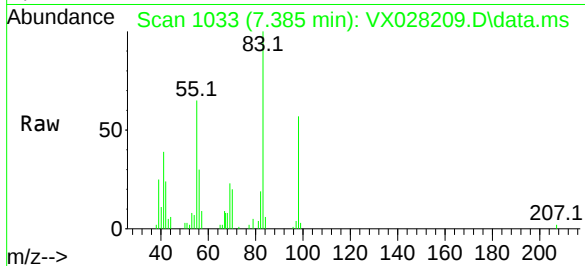




#39
Methylcyclohexane
Concen: 1.860 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

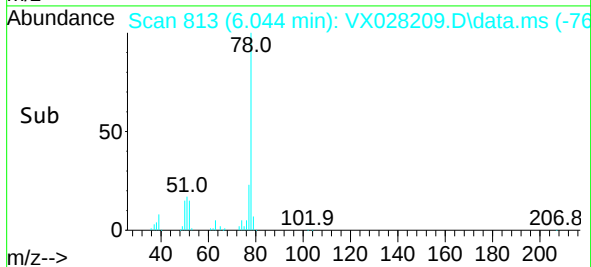
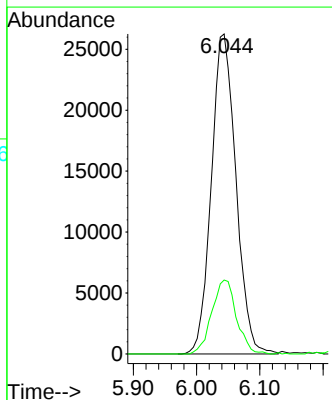
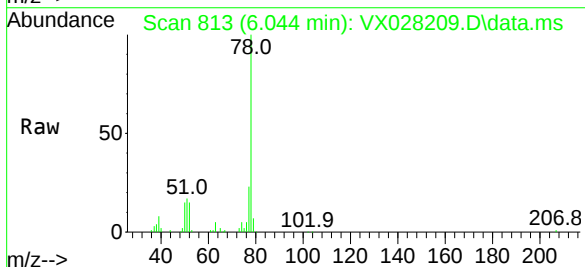
Instrument :
MSVOA_X
ClientSampleId :
31576

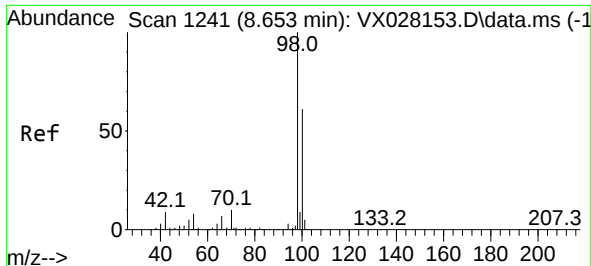
Tgt Ion: 83 Resp: 14134
Ion Ratio Lower Upper
83 100
55 64.6 54.6 81.8
98 57.1 37.4 56.2#



#40
Benzene
Concen: 4.018 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 78 Resp: 70839
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9

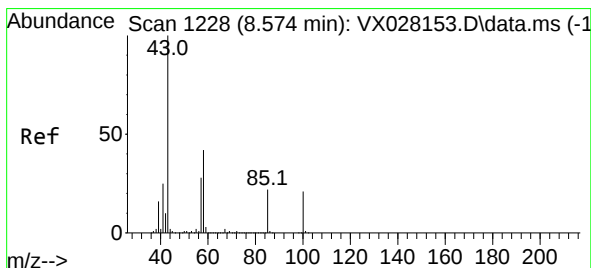
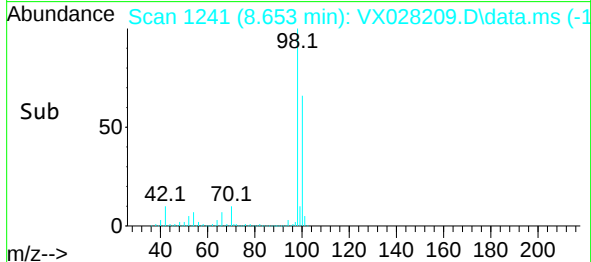
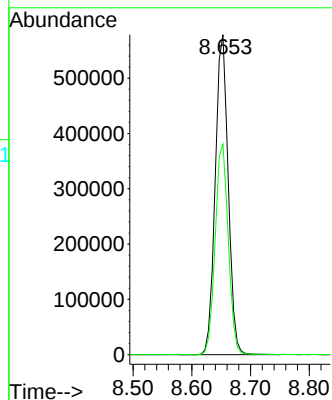
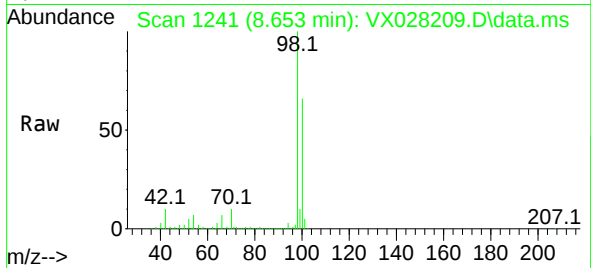




#50
Toluene-d8
Concen: 49.862 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

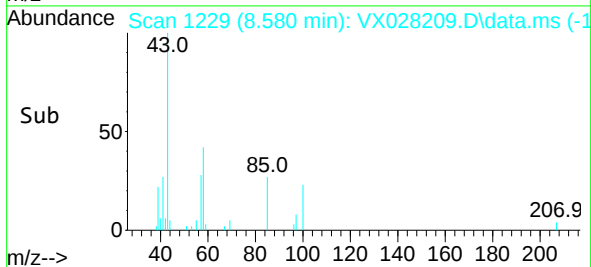
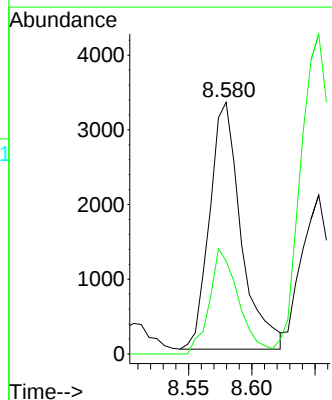
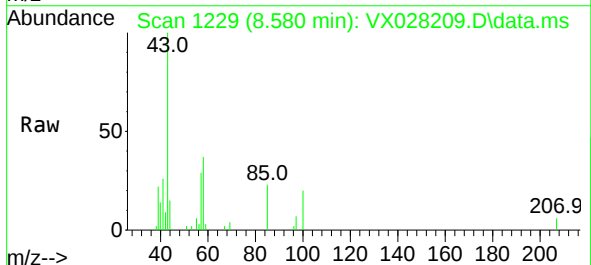
Instrument :
MSVOA_X
ClientSampleId :
31576

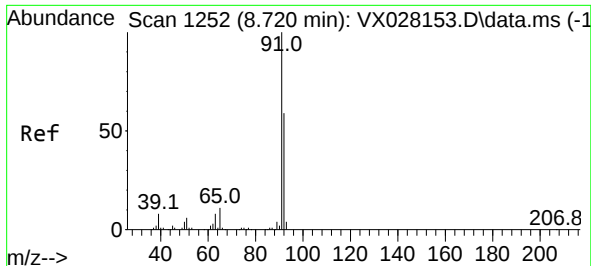
Tgt Ion: 98 Resp: 884231
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.898 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 43 Resp: 5732
Ion Ratio Lower Upper
43 100
58 39.3 36.1 54.1

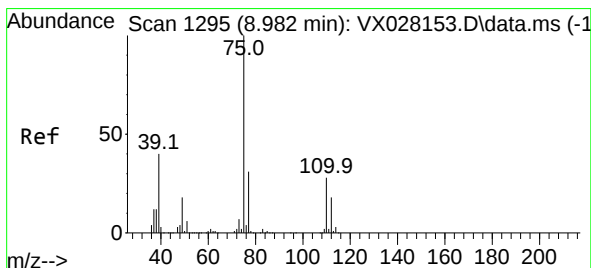
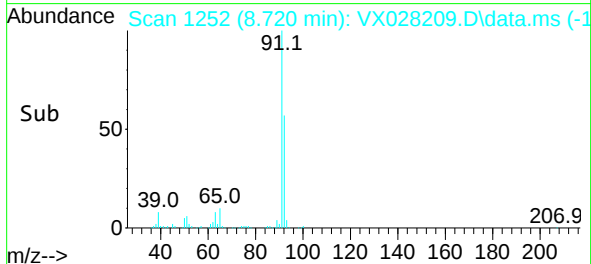
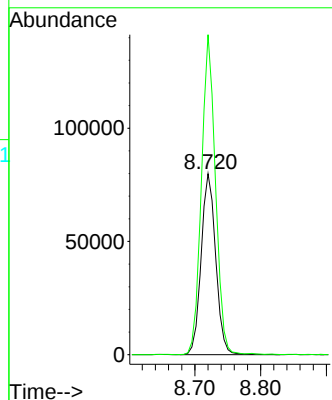
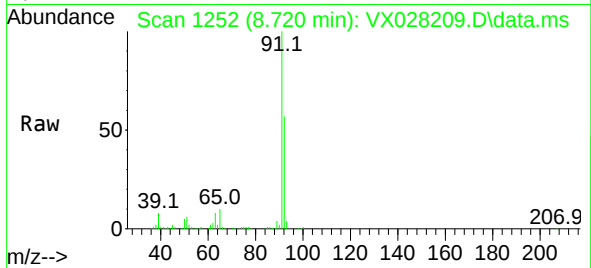




#52
Toluene
Concen: 10.040 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

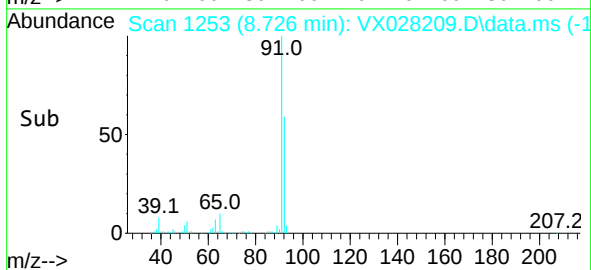
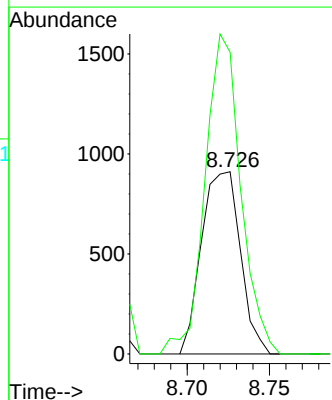
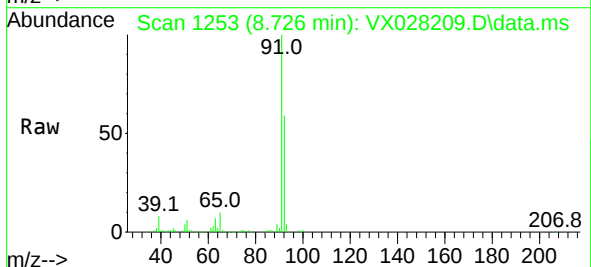
Instrument :
MSVOA_X
ClientSampleId :
31576

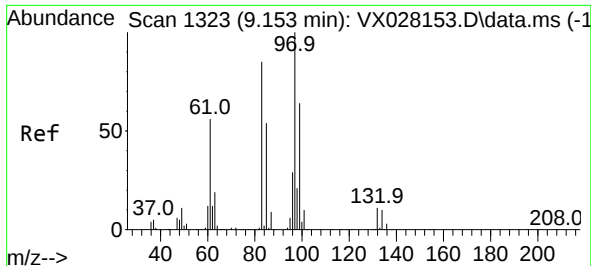
Tgt Ion: 92 Resp: 122965
Ion Ratio Lower Upper
92 100
91 170.2 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 0.217 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.256 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 75 Resp: 1498
Ion Ratio Lower Upper
75 100
77 165.6 25.4 38.0#





#55

1,1,2-Trichloroethane

Concen: 0.421 ug/l

RT: 9.098 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

31576

Tgt Ion: 97 Resp: 2095

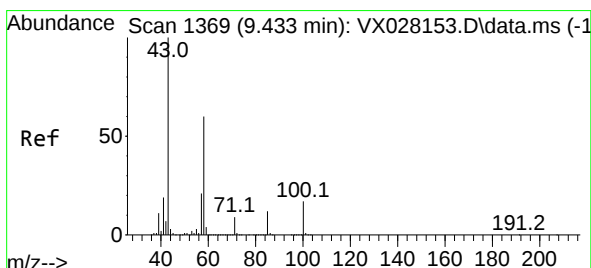
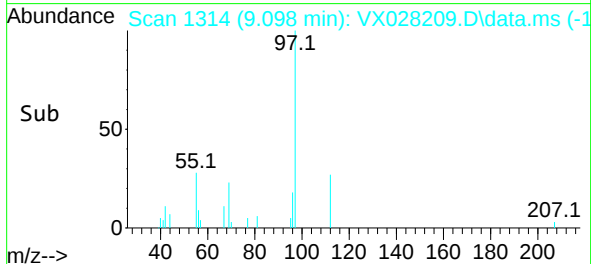
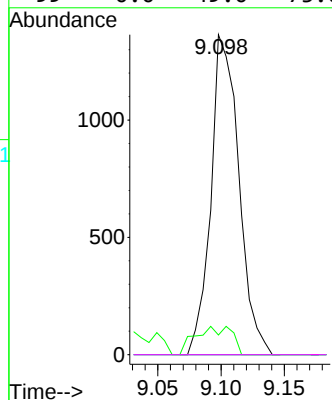
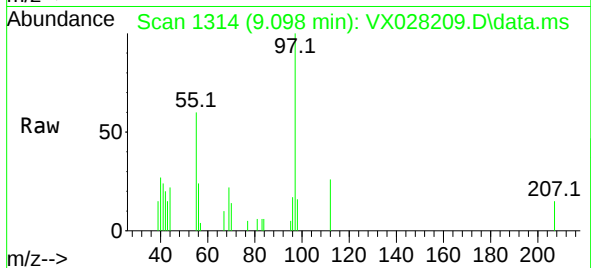
Ion Ratio Lower Upper

97 100

83 6.2 66.2 99.4#

85 0.0 42.9 64.3#

99 0.0 49.0 73.6#



#59

2-Hexanone

Concen: 0.645 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028209.D

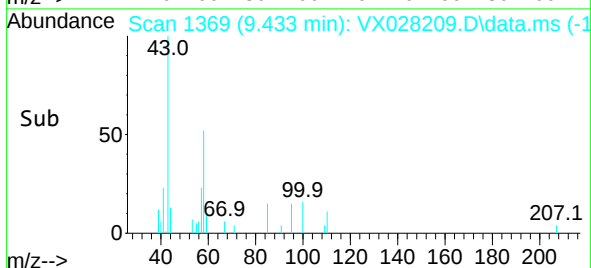
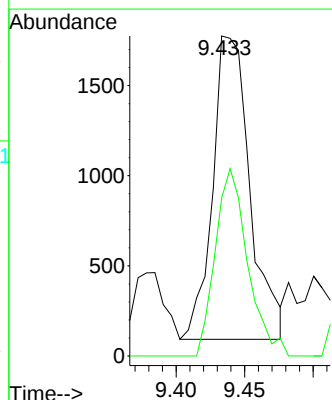
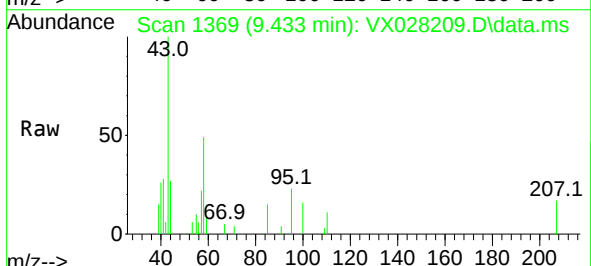
Acq: 20 Apr 2022 19:41

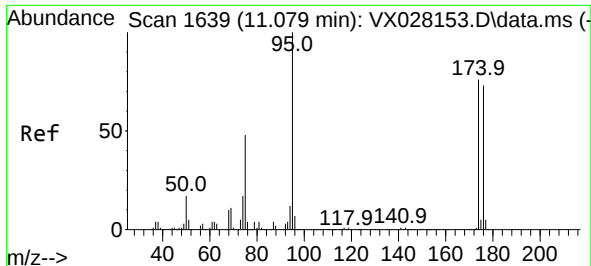
Tgt Ion: 43 Resp: 3187

Ion Ratio Lower Upper

43 100

58 53.6 31.9 95.7

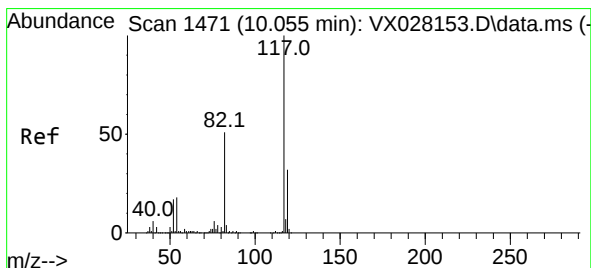
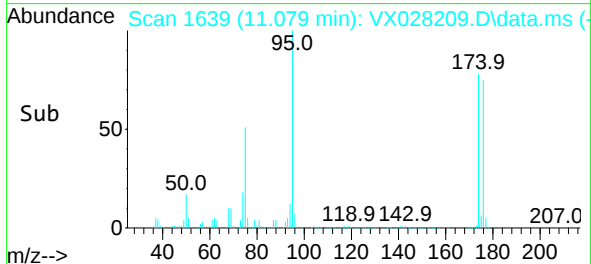
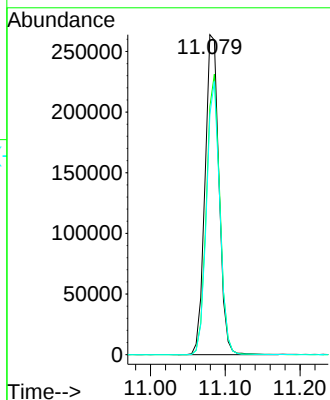
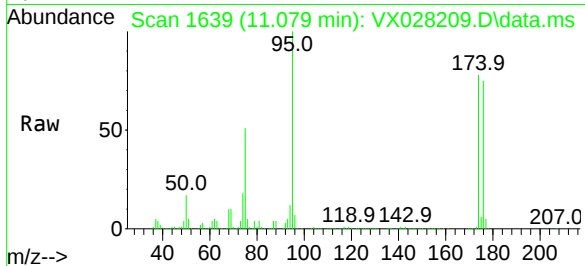




#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 11.079 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

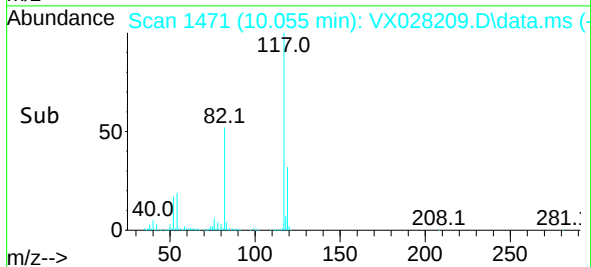
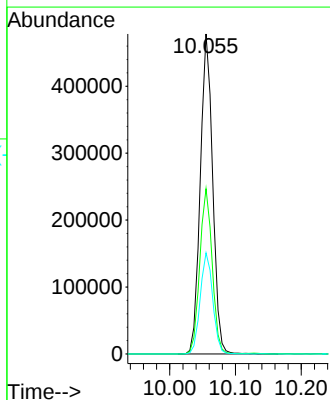
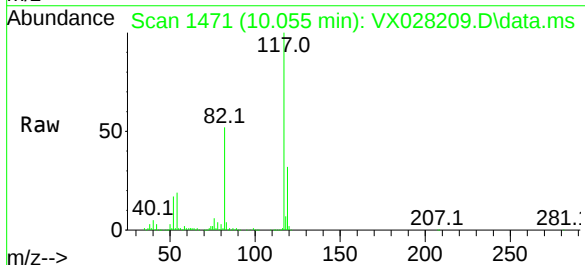
Instrument :
MSVOA_X
ClientSampleId :
31576

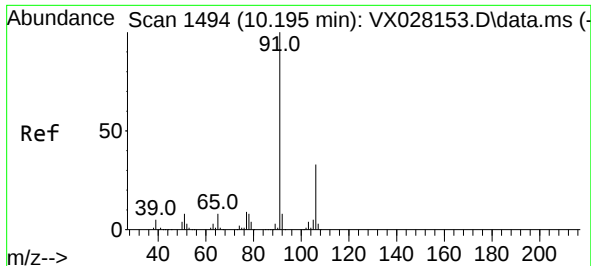
Tgt Ion: 95 Resp: 342134
Ion Ratio Lower Upper
95 100
174 83.9 0.0 163.0
176 81.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 117 Resp: 625345
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 31.6 24.8 37.2





#67

Ethyl Benzene

Concen: 3.388 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

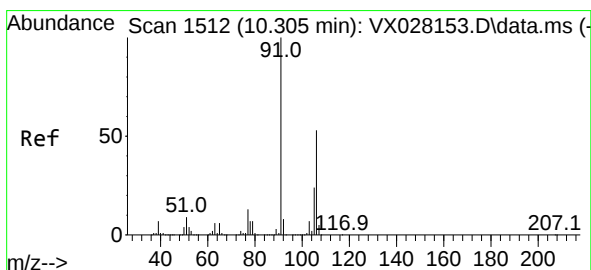
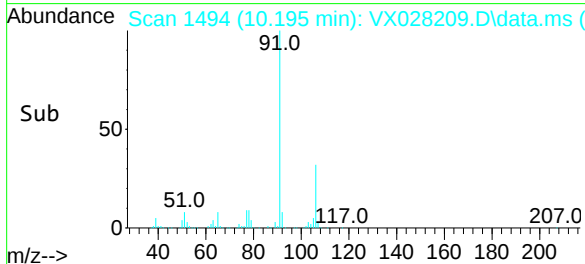
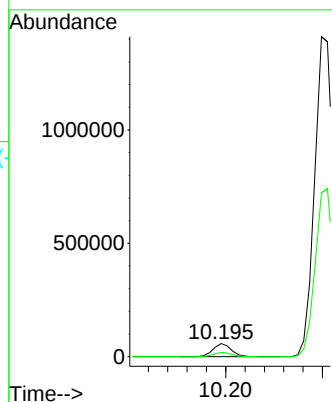
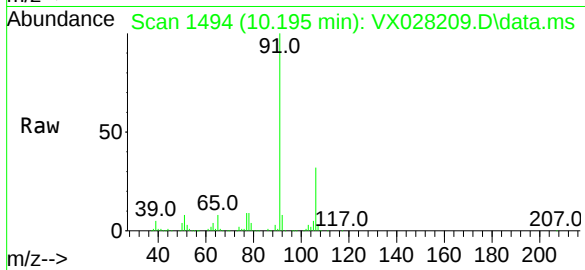
31576

Tgt Ion: 91 Resp: 75749

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 110.799 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028209.D

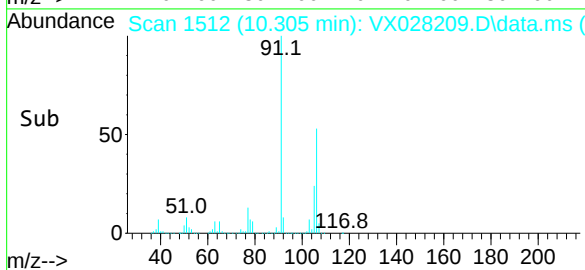
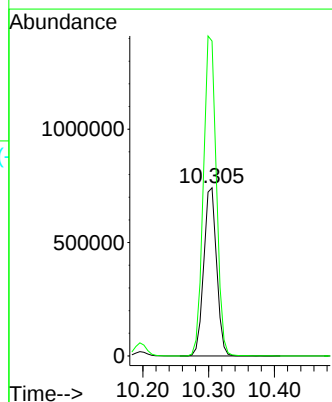
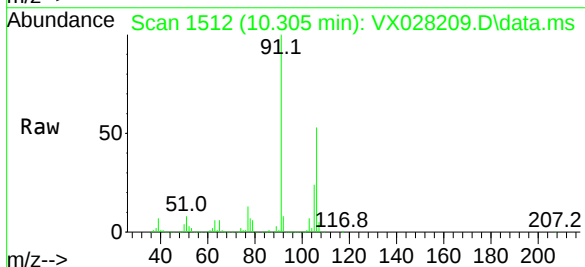
Acq: 20 Apr 2022 19:41

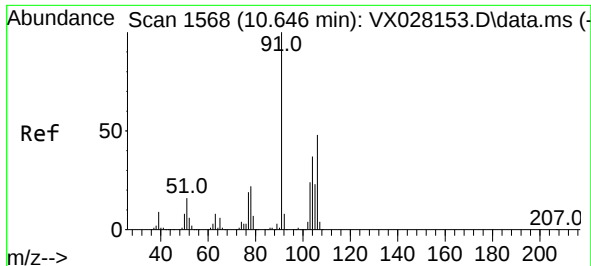
Tgt Ion: 106 Resp: 1008172

Ion Ratio Lower Upper

106 100

91 192.4 160.4 240.6

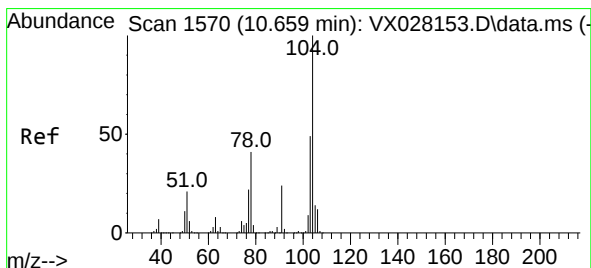
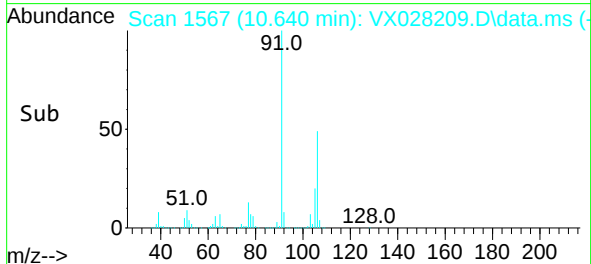
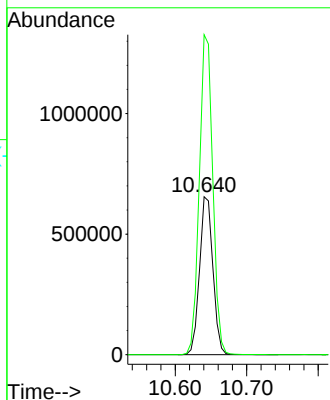
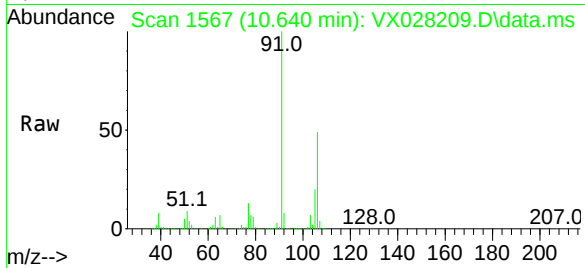




#69
o-Xylene
Concen: 93.777 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

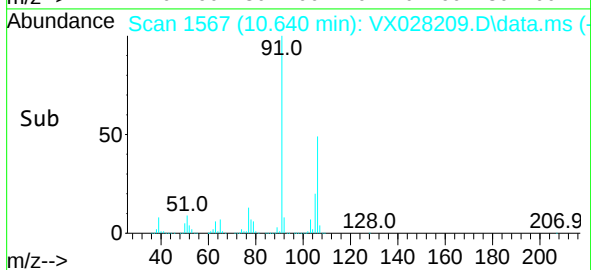
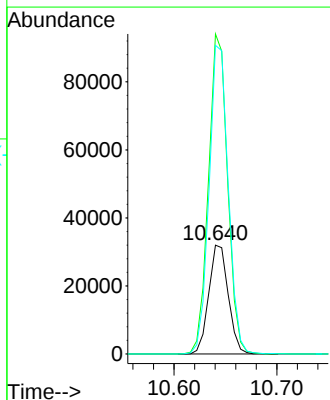
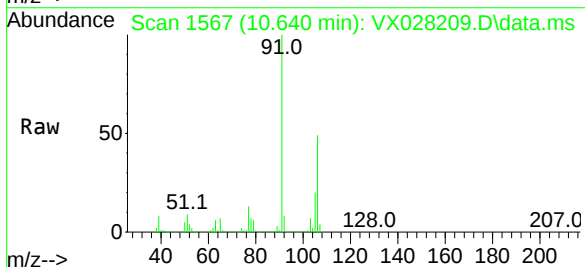
Instrument :
MSVOA_X
ClientSampleId :
31576

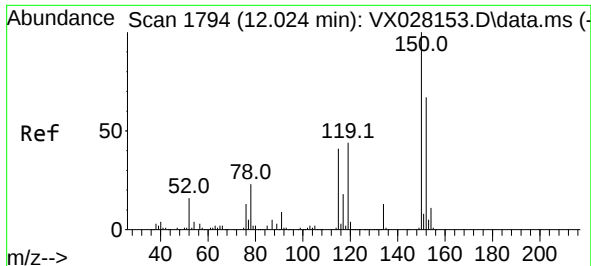
Tgt Ion:106 Resp: 850738
Ion Ratio Lower Upper
106 100
91 203.9 106.1 318.1



#70
Styrene
Concen: 2.861 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion:104 Resp: 42048
Ion Ratio Lower Upper
104 100
78 288.2 38.6 57.8#
103 279.8 43.8 65.8#

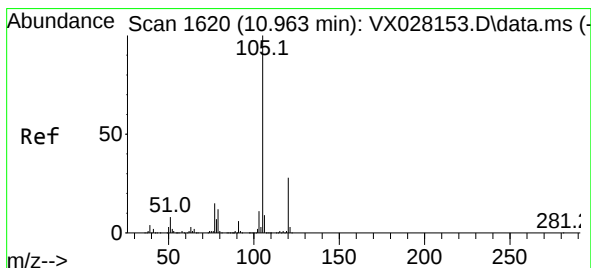
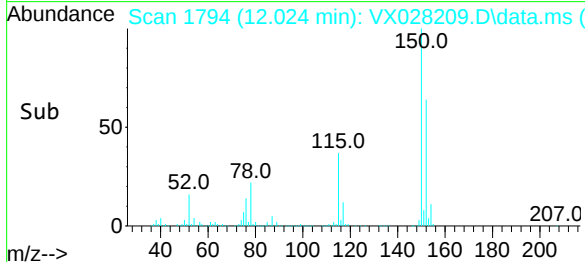
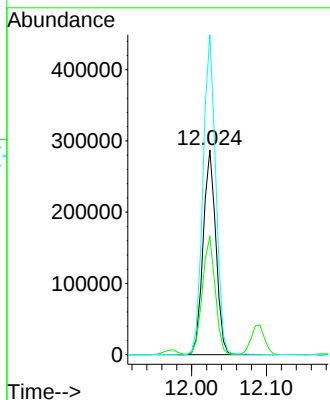
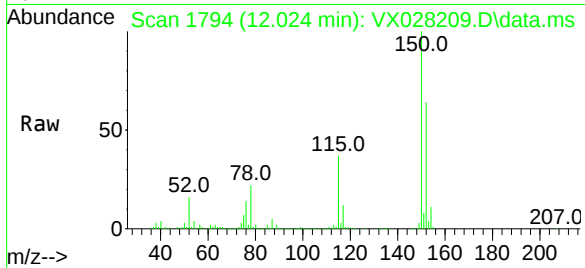




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

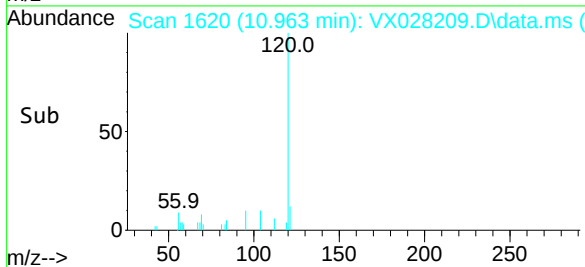
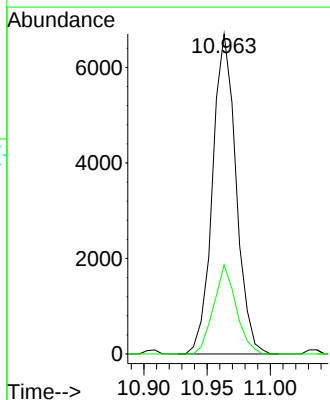
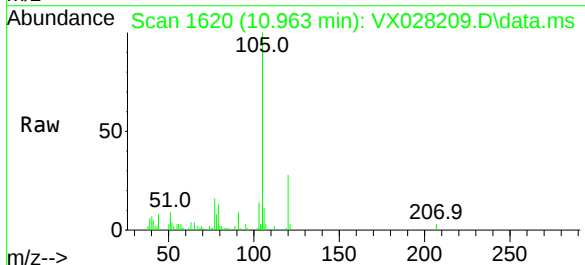
Instrument :
MSVOA_X
ClientSampleId :
31576

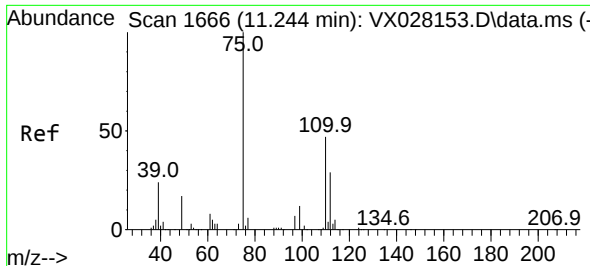
Tgt Ion:152 Resp: 340128
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 156.6 0.0 338.2



#73
Isopropylbenzene
Concen: 0.370 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion:105 Resp: 8653
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

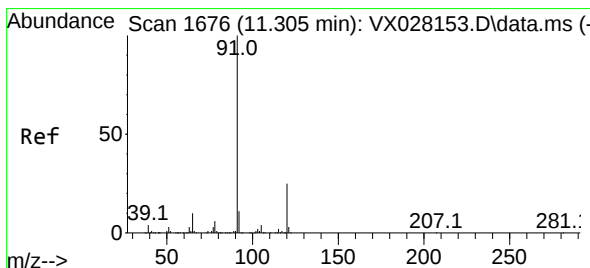
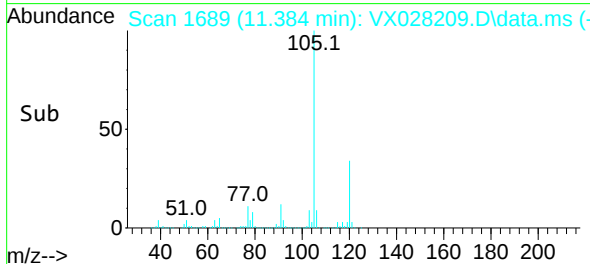
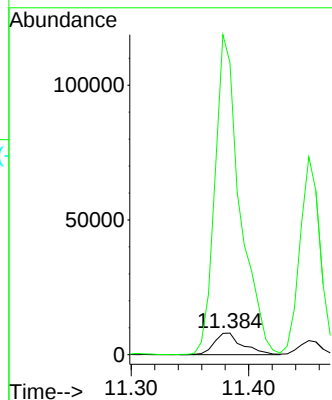
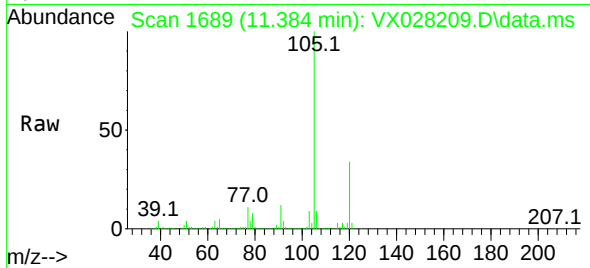




#76
1,2,3-Trichloropropane
Concen: 1.984 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.140 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

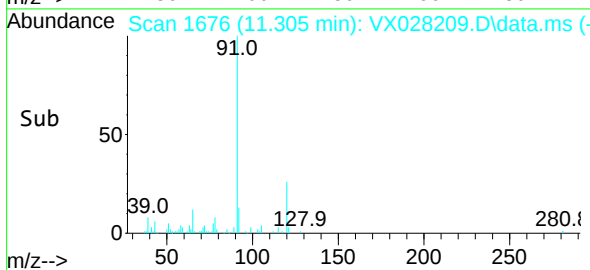
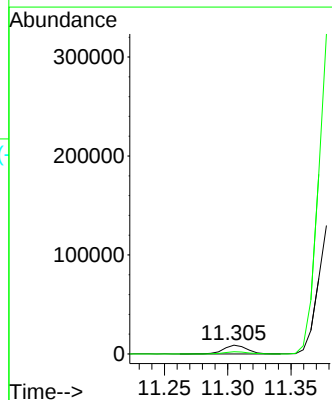
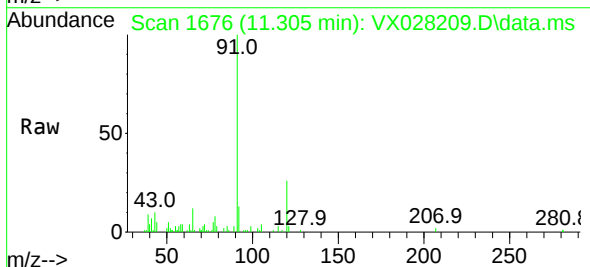
Instrument :
MSVOA_X
ClientSampleId :
31576

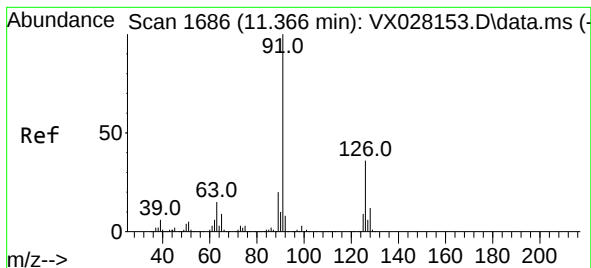
Tgt Ion: 75 Resp: 13279
Ion Ratio Lower Upper
75 100
77 1331.6 19.4 58.2#



#78
n-propylbenzene
Concen: 0.446 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 91 Resp: 11562
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#





#79

2-Chlorotoluene

Concen: 12.157 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

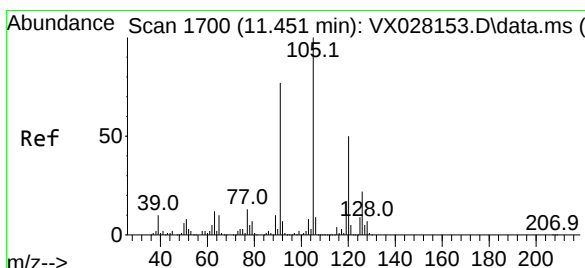
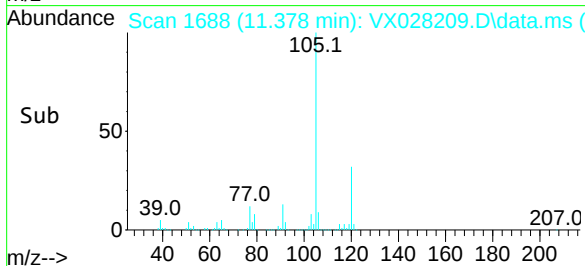
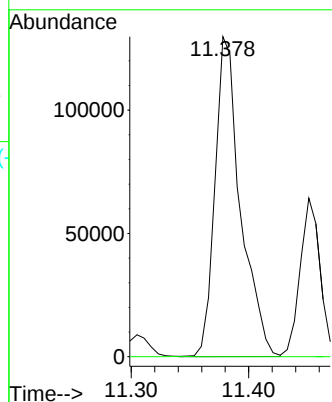
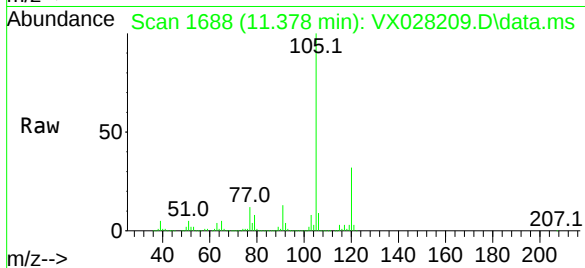
31576

Tgt Ion: 91 Resp: 195931

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 36.596 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028209.D

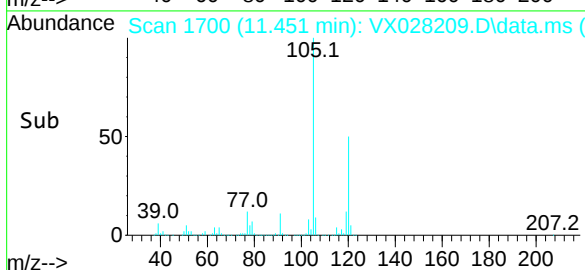
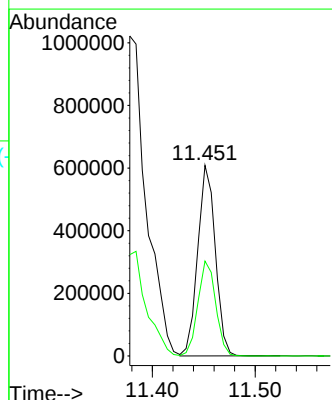
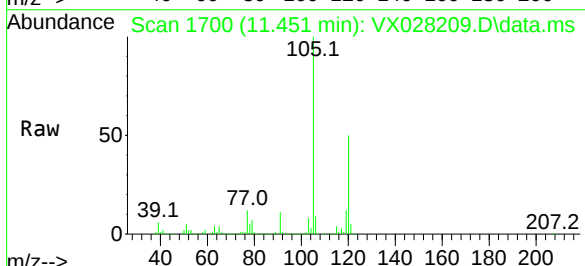
Acq: 20 Apr 2022 19:41

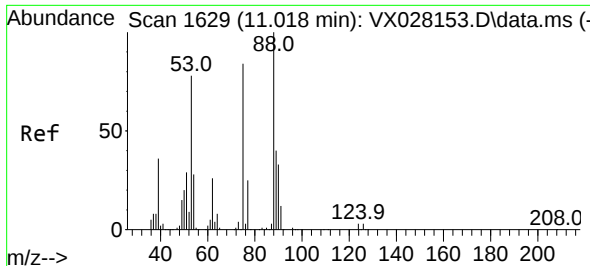
Tgt Ion: 105 Resp: 726245

Ion Ratio Lower Upper

105 100

120 50.3 24.3 72.9

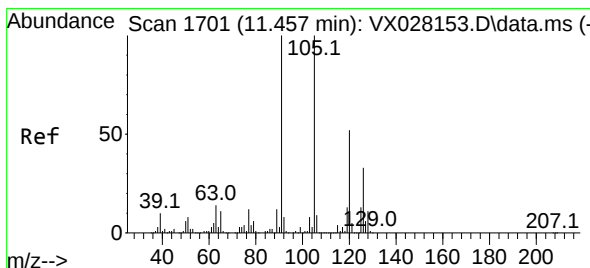
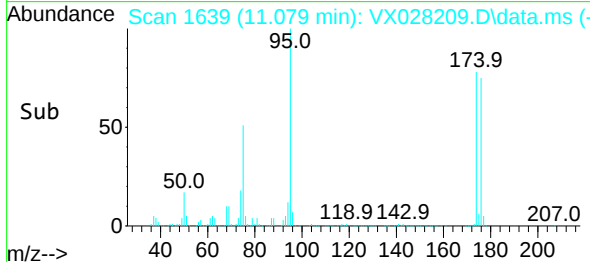
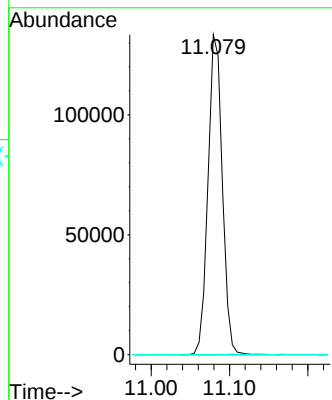
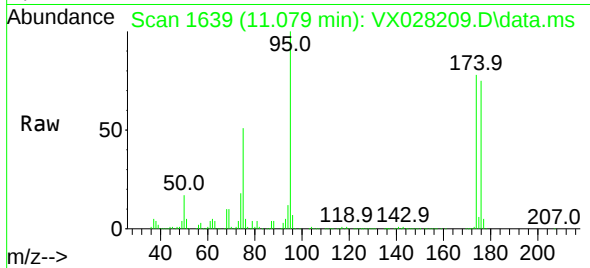




#81
trans-1,4-Dichloro-2-butene
Concen: 74.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

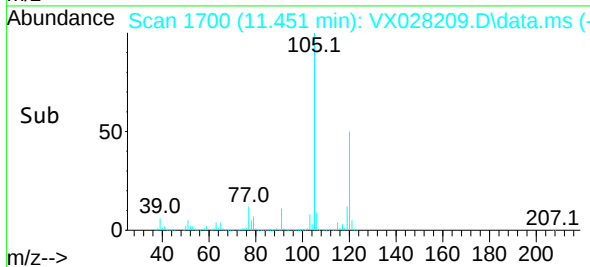
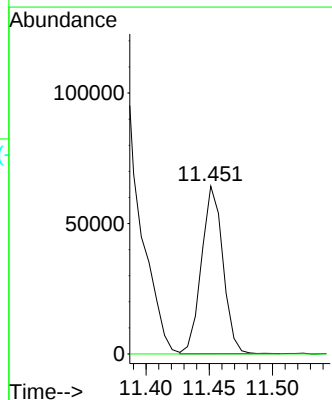
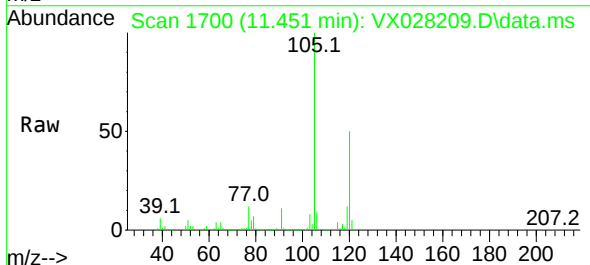
Instrument :
MSVOA_X
ClientSampleId :
31576

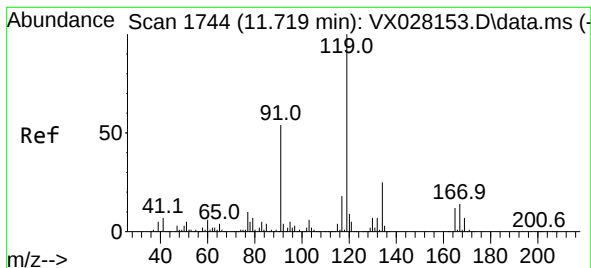
Tgt Ion: 75 Resp: 168428
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 4.093 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX028209.D
Acq: 20 Apr 2022 19:41

Tgt Ion: 91 Resp: 75978
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#





#83

tert-Butylbenzene

Concen: 10.744 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.037 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

31576

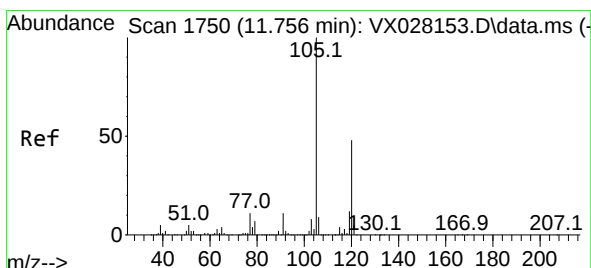
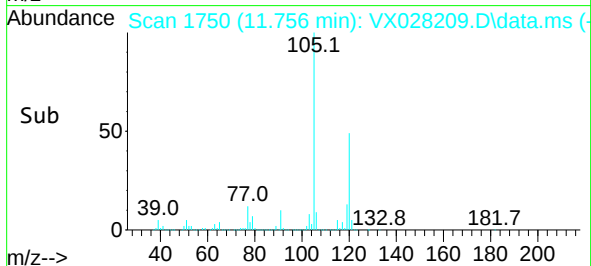
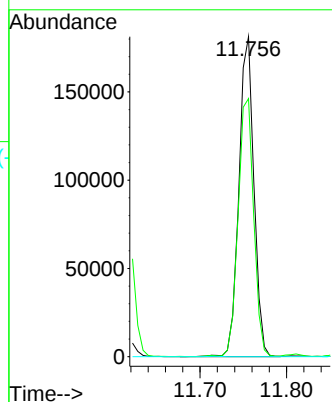
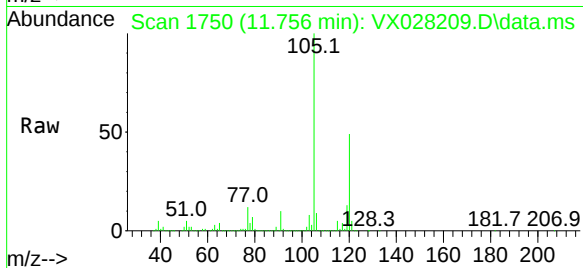
Tgt Ion:119 Resp: 217720

Ion Ratio Lower Upper

119 100

91 84.3 26.9 80.6#

134 0.0 11.4 34.2#



#84

1,2,4-Trimethylbenzene

Concen: 88.218 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028209.D

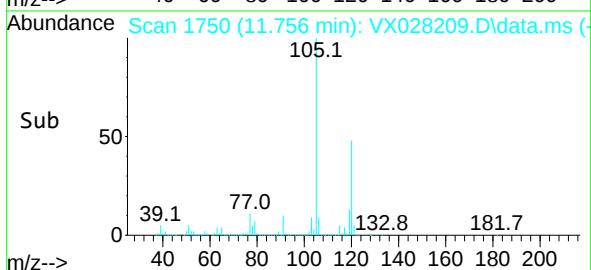
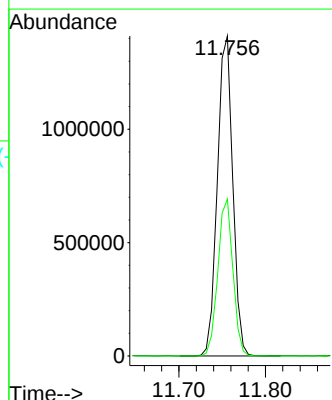
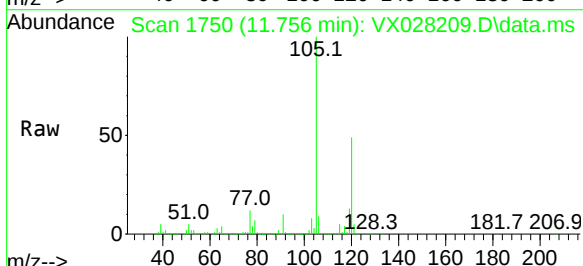
Acq: 20 Apr 2022 19:41

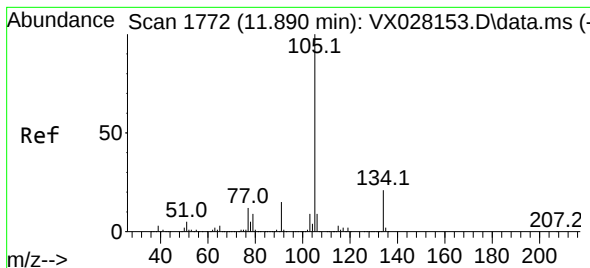
Tgt Ion:105 Resp: 1740247

Ion Ratio Lower Upper

105 100

120 48.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 71.183 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.134 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

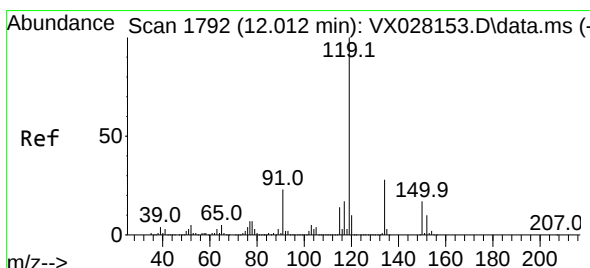
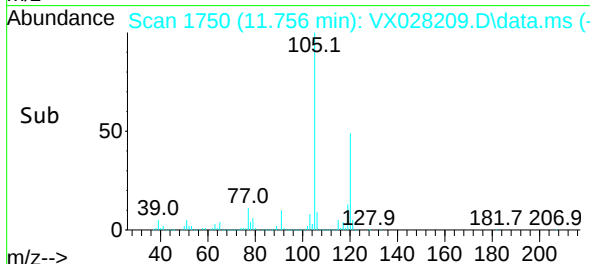
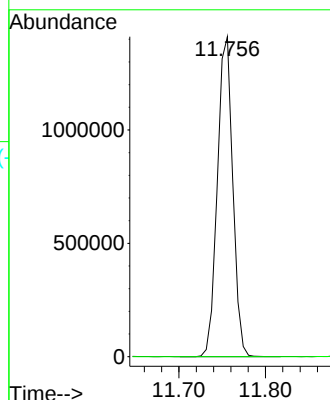
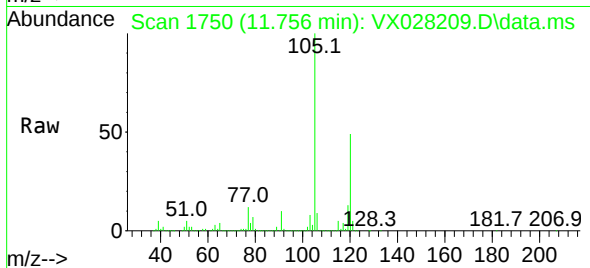
31576

Tgt Ion:105 Resp: 1740247

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 1.396 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

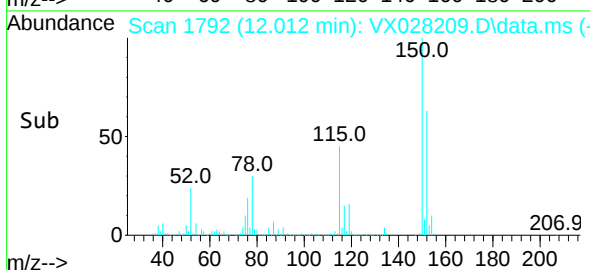
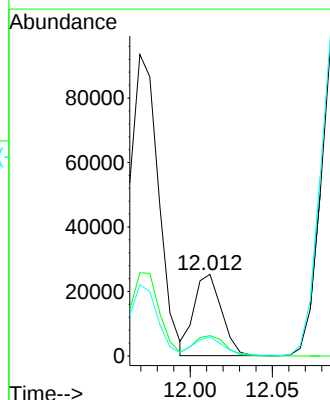
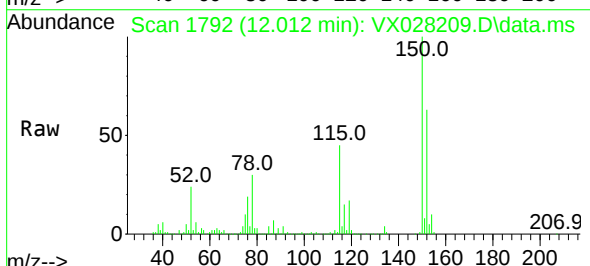
Tgt Ion:119 Resp: 29433

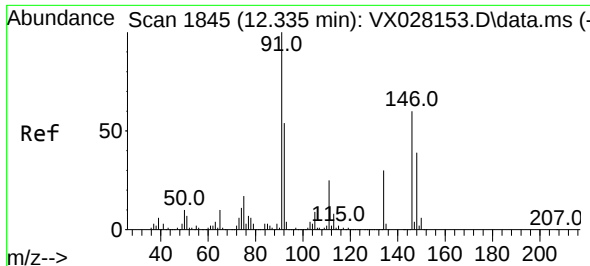
Ion Ratio Lower Upper

119 100

134 28.3 13.0 39.0

91 24.7 11.3 33.9





#89

n-Butylbenzene

Concen: 6.290 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.018 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

31576

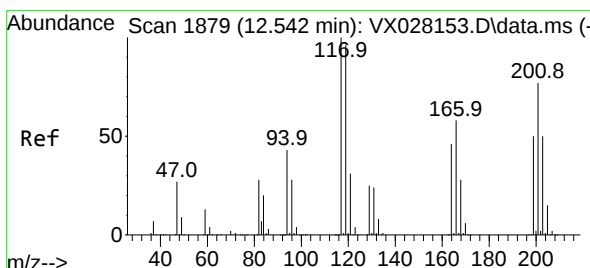
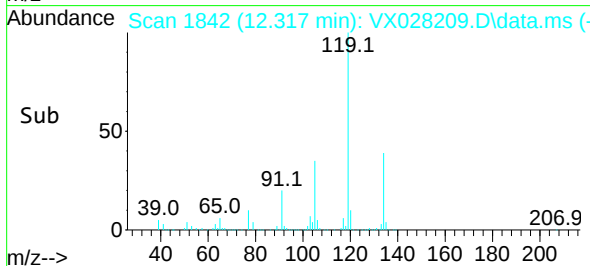
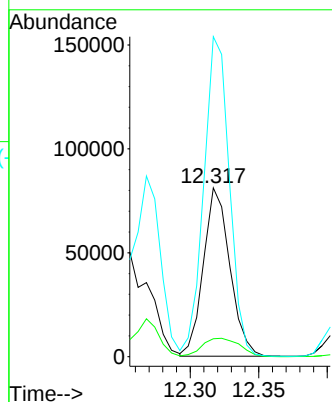
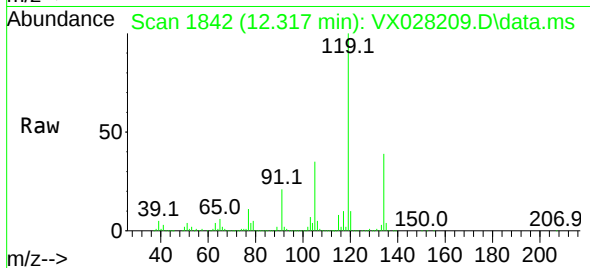
Tgt Ion: 91 Resp: 108935

Ion Ratio Lower Upper

91 100

92 15.6 27.8 83.3#

134 183.5 13.3 39.8#



#90

Hexachloroethane

Concen: 9.795 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VX028209.D

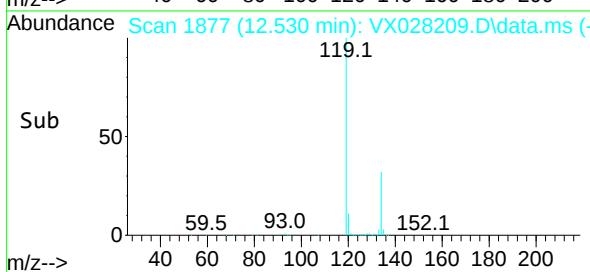
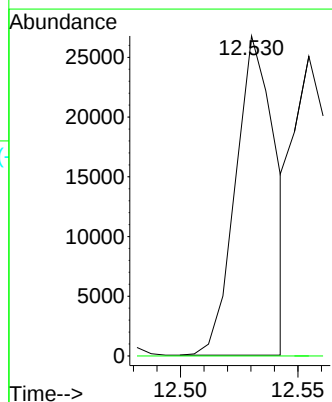
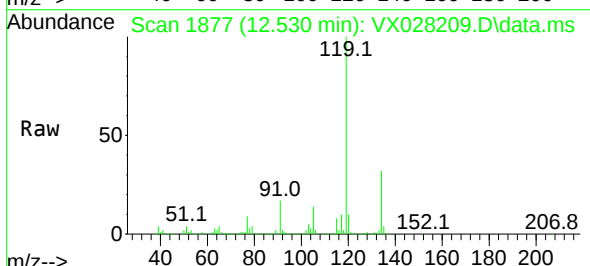
Acq: 20 Apr 2022 19:41

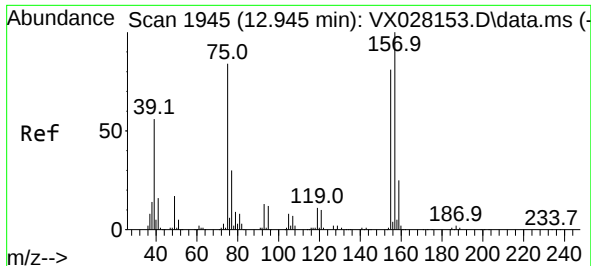
Tgt Ion: 117 Resp: 31429

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.396 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

31576

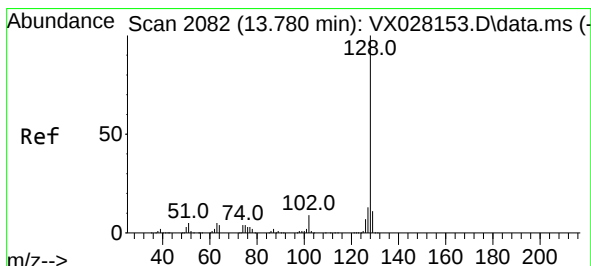
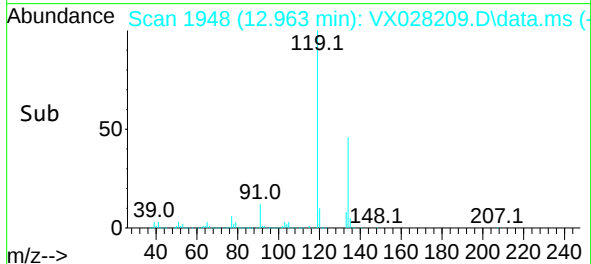
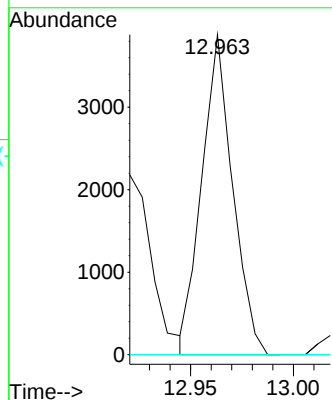
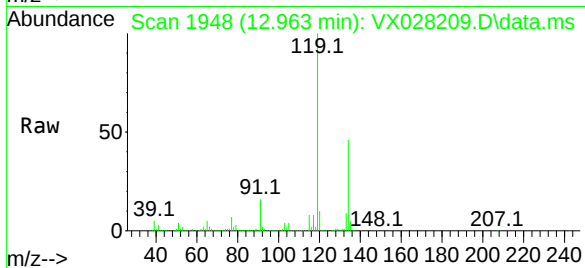
Tgt Ion: 75 Resp: 4043

Ion Ratio Lower Upper

75 100

155 0.0 47.0 141.2#

157 0.0 57.9 173.6#



#95

Naphthalene

Concen: 5.937 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX028209.D

Acq: 20 Apr 2022 19:41

Tgt Ion: 128 Resp: 133691

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 14.3 8.7 13.1#

