

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027460.D
 Acq On : 15 Mar 2022 20:17
 Operator : JC/MD
 Sample : N1950-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3222

Quant Time: Mar 16 04:22:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

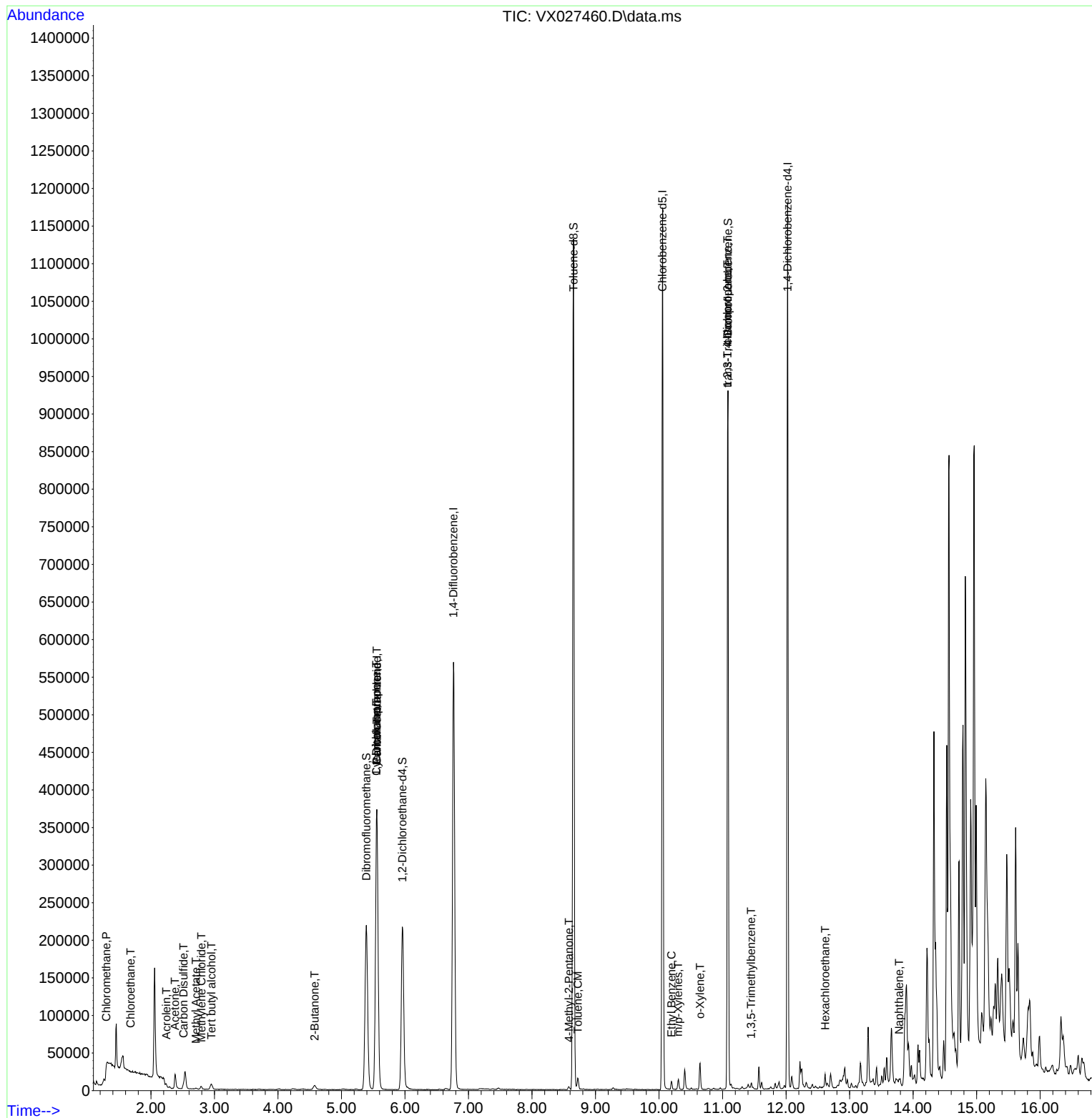
Internal Standards						
1) Pentafluorobenzene	5.556	168	358410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	616584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	532825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219174	52.439	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.880%			
35) Dibromofluoromethane	5.391	113	192731	48.442	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.880%			
50) Toluene-d8	8.653	98	682929	45.467	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.940%			
62) 4-Bromofluorobenzene	11.085	95	254938	44.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	910	0.236	ug/l #	56
5) Bromomethane	1.612	94	557	Below Cal	#	67
6) Chloroethane	1.679	64	413	0.616	ug/l #	44
11) Tert butyl alcohol	2.953	59	5018	6.124	ug/l #	93
13) Acrolein	2.239	56	2504	4.360	ug/l #	82
16) Acetone	2.380	43	19482	9.245	ug/l	95
17) Carbon Disulfide	2.514	76	7735	0.819	ug/l #	91
18) Methyl Acetate	2.709	43	1762	0.383	ug/l #	85
20) Methylene Chloride	2.794	84	1778	0.435	ug/l #	93
25) 2-Butanone	4.574	43	2899	1.007	ug/l #	85
31) Cyclohexane	5.550	56	6431	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25526	4.621	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36226	6.342	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	2536	0.432	ug/l	98
52) Toluene	8.720	92	5570	0.519	ug/l	96
67) Ethyl Benzene	10.195	91	6291	0.325	ug/l	100
68) m/p-Xylenes	10.299	106	3487	0.460	ug/l	98
69) o-Xylene	10.646	106	7505	1.002	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	126350	23.492	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	3655	0.238	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	126350	75.975	ug/l #	15
90) Hexachloroethane	12.616	117	835	0.341	ug/l #	10
95) Naphthalene	13.780	128	5994	0.325	ug/l #	75

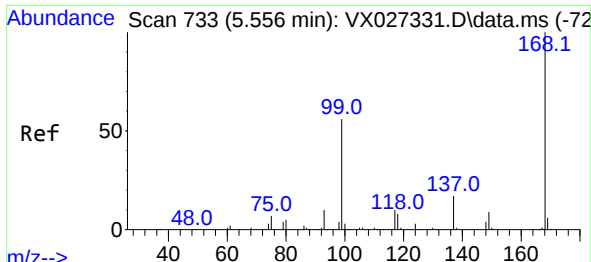
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
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3222

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

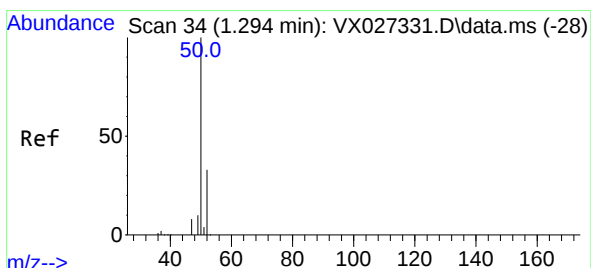
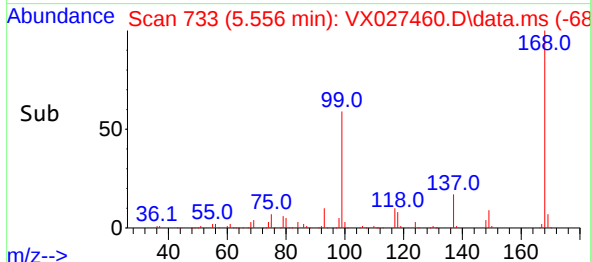
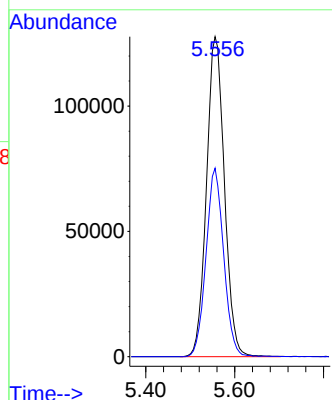
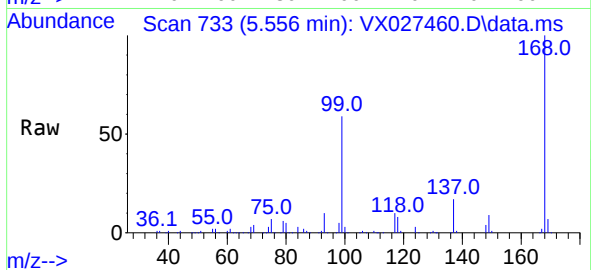




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

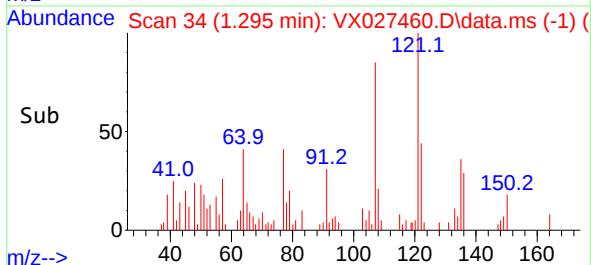
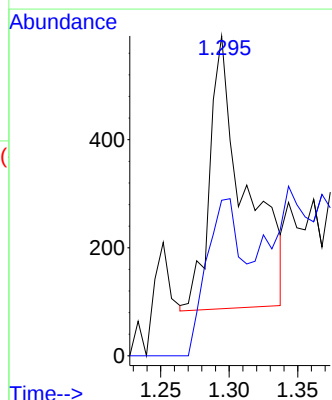
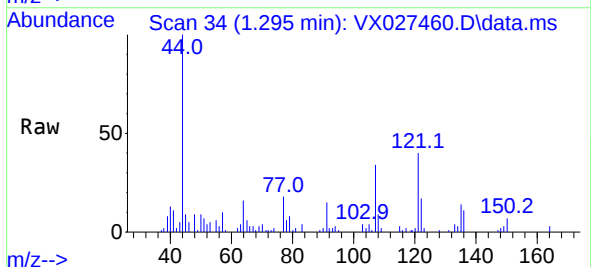
Instrument :
MSVOA_X
ClientSampleId :
3222

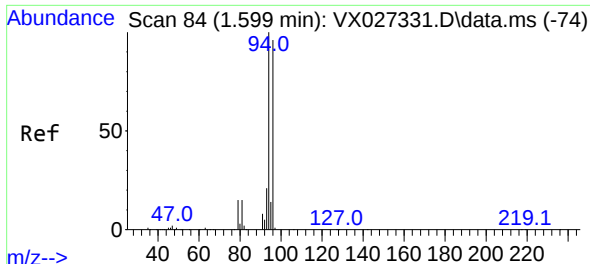
Tgt Ion:168 Resp: 358410
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#3
Chloromethane
Concen: 0.236 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 50 Resp: 910
Ion Ratio Lower Upper
50 100
52 57.7 26.4 39.6#

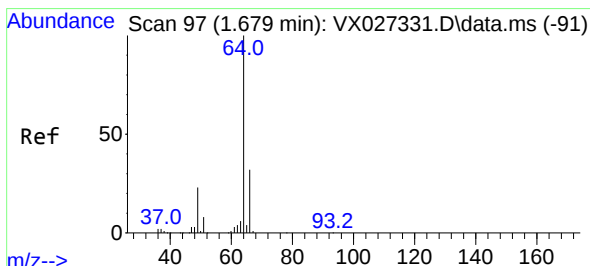
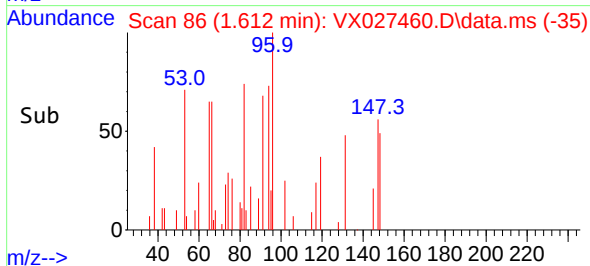
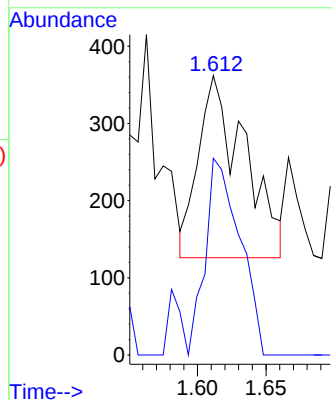
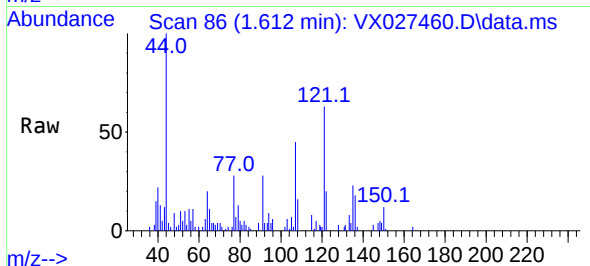




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

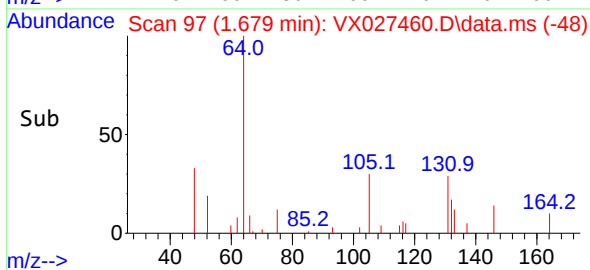
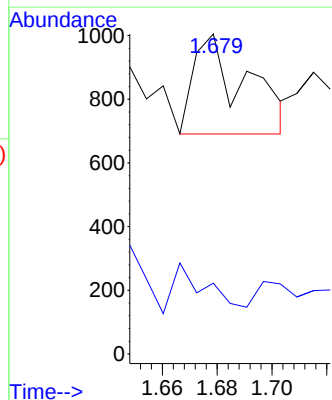
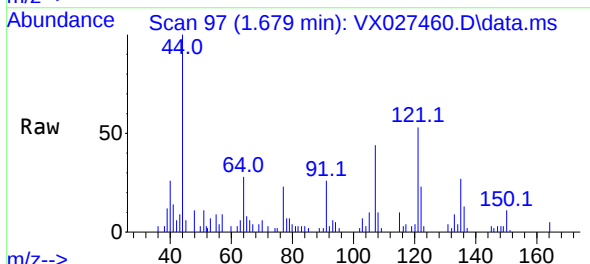
Instrument :
MSVOA_X
ClientSampleId :
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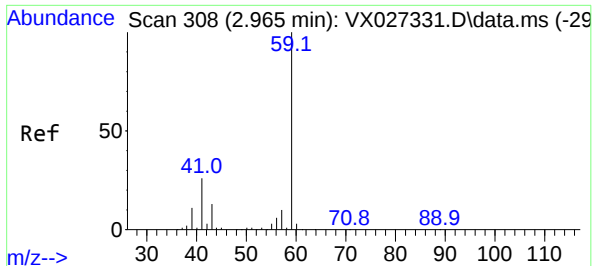
Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 126.2 75.3 112.9#



#6
Chloroethane
Concen: 0.616 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 0.6 25.3 37.9#





#11

Tert butyl alcohol

Concen: 6.124 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027460.D

Acq: 15 Mar 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

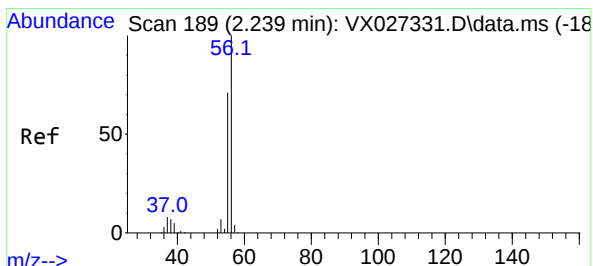
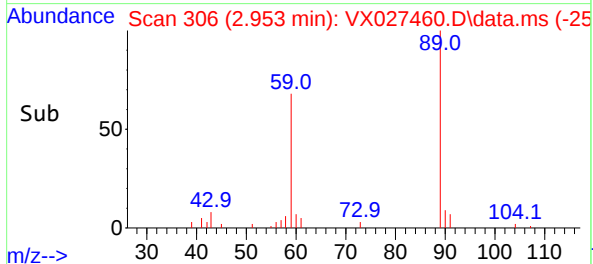
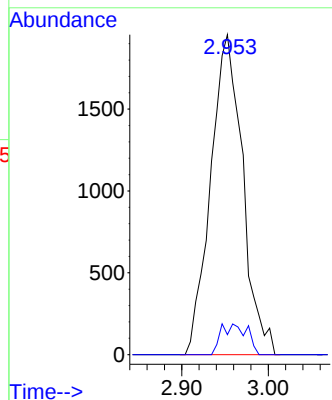
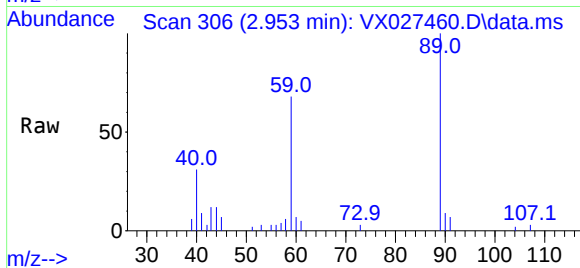
3222

Tgt Ion: 59 Resp: 5018

Ion Ratio Lower Upper

59 100

57 7.8 8.3 12.5#



#13

Acrolein

Concen: 4.360 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX027460.D

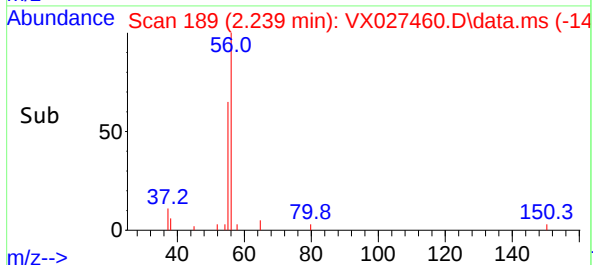
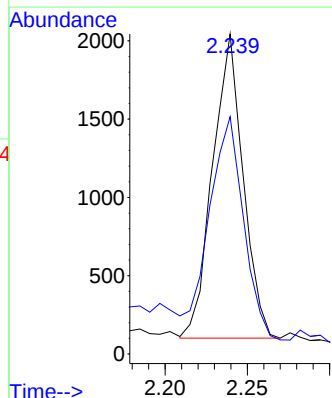
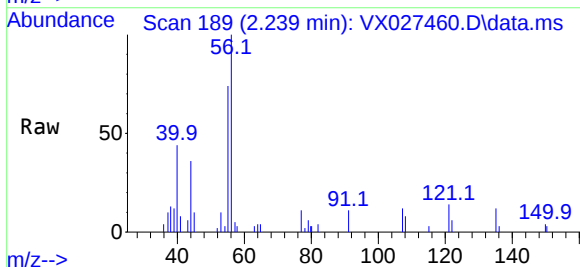
Acq: 15 Mar 2022 20:17

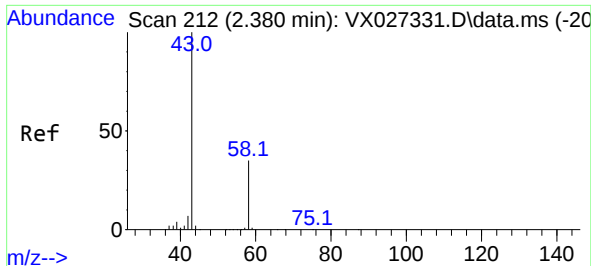
Tgt Ion: 56 Resp: 2504

Ion Ratio Lower Upper

56 100

55 83.1 55.0 82.6#

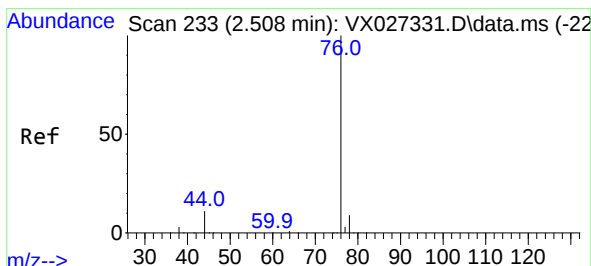
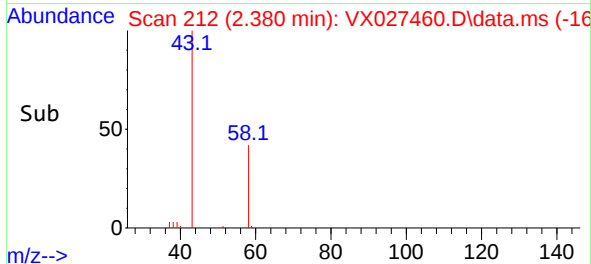
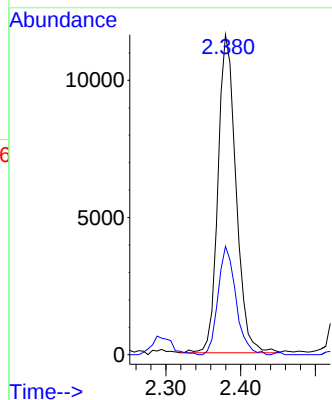
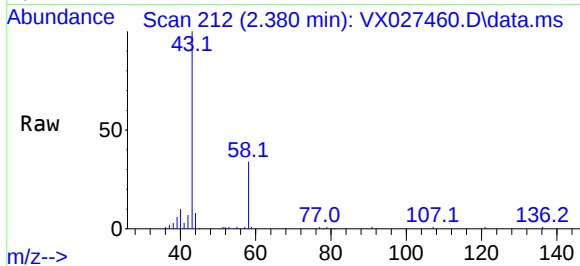




#16
Acetone
Concen: 9.245 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

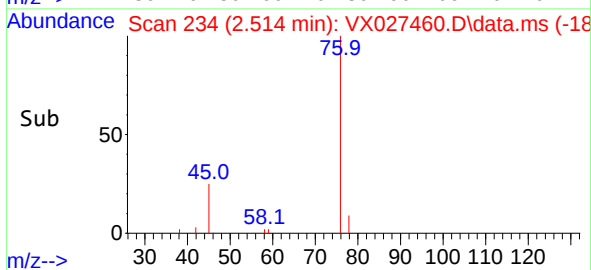
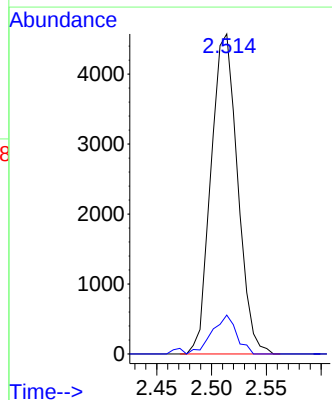
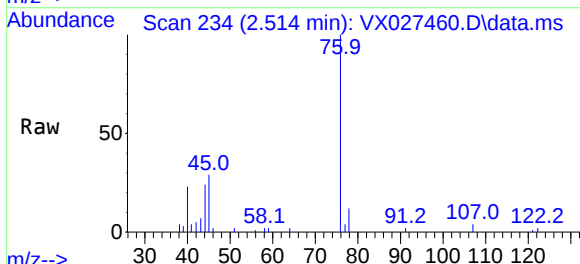
Instrument :
MSVOA_X
ClientSampleId :
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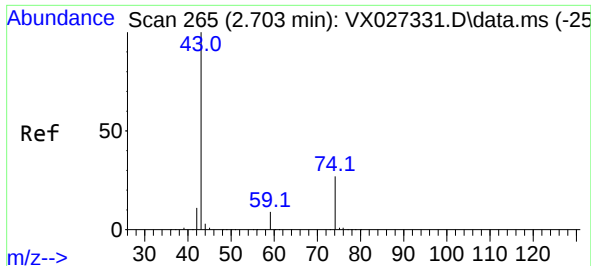
Tgt Ion: 43 Resp: 19482
Ion Ratio Lower Upper
43 100
58 33.3 28.8 43.2



#17
Carbon Disulfide
Concen: 0.819 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 76 Resp: 7735
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#

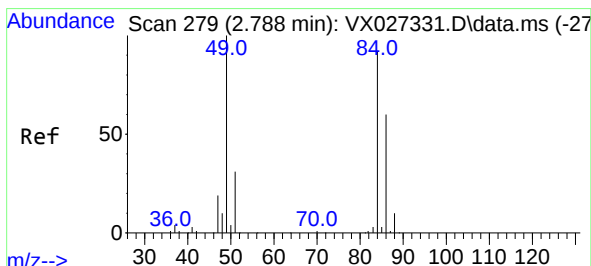
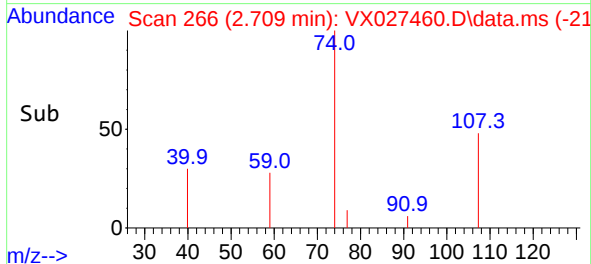
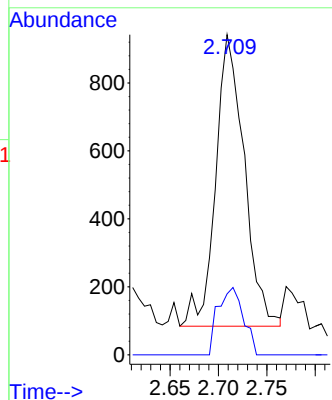
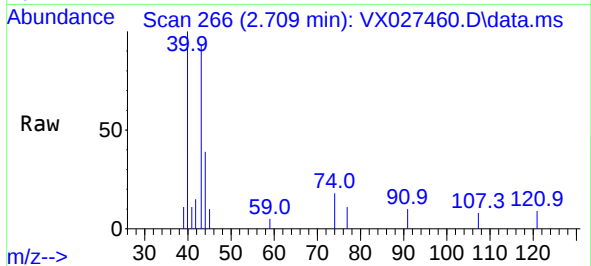




#18
Methyl Acetate
Concen: 0.383 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

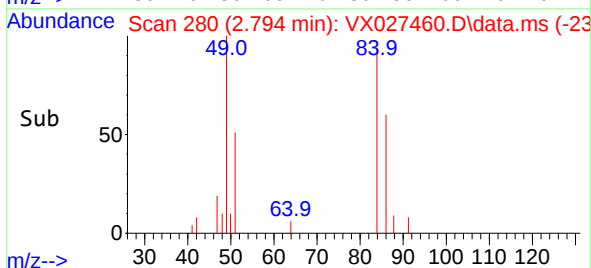
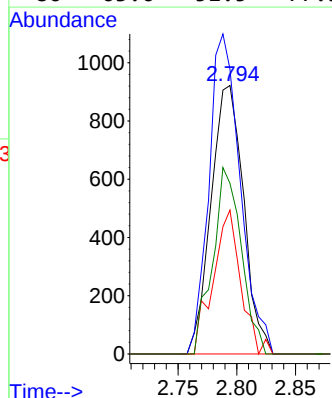
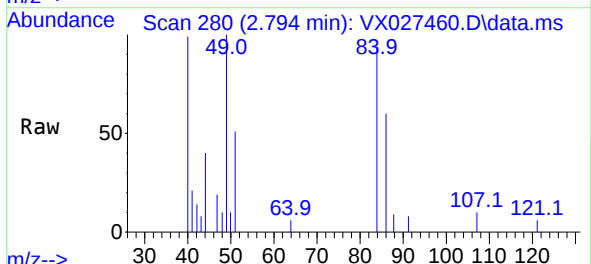
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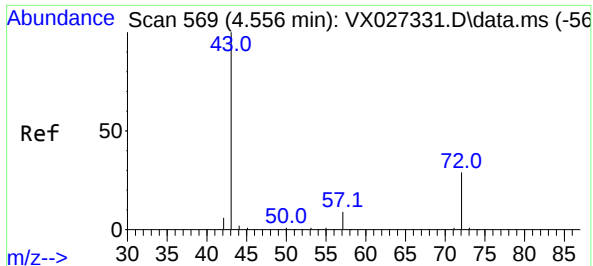
Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
74 20.4 22.8 34.2#



#20
Methylene Chloride
Concen: 0.435 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 84 Resp: 1778
Ion Ratio Lower Upper
84 100
49 106.1 85.5 128.3
51 53.6 26.6 39.8#
86 63.6 51.5 77.3

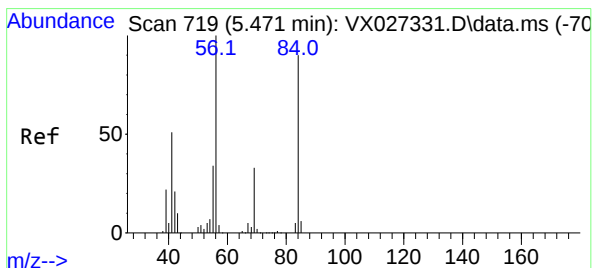
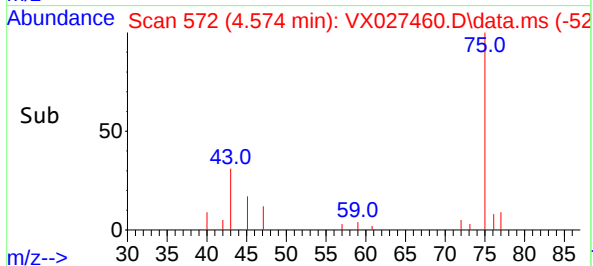
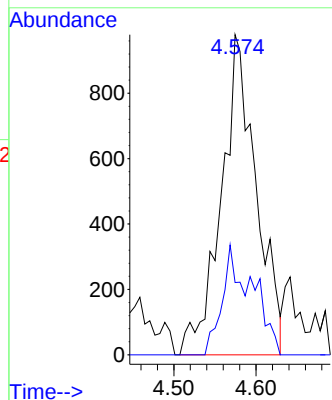
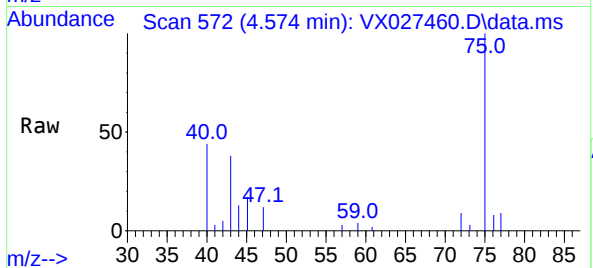




#25
2-Butanone
Concen: 1.007 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

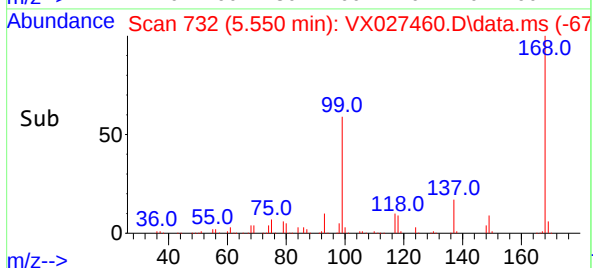
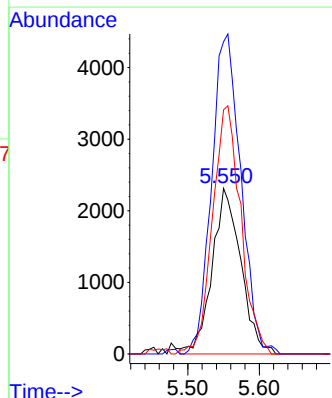
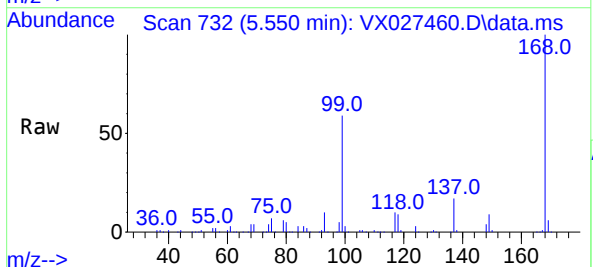
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3222

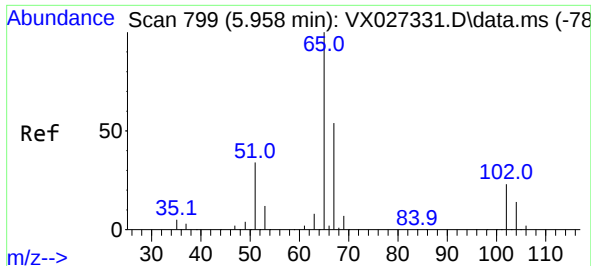
Tgt Ion: 43 Resp: 2899
Ion Ratio Lower Upper
43 100
72 22.6 24.4 36.6#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 56 Resp: 6431
Ion Ratio Lower Upper
56 100
69 188.5 26.7 40.1#
84 147.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.439 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027460.D

Acq: 15 Mar 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

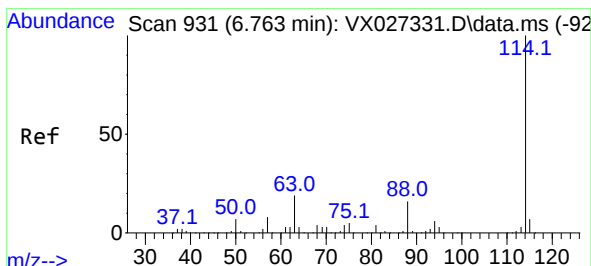
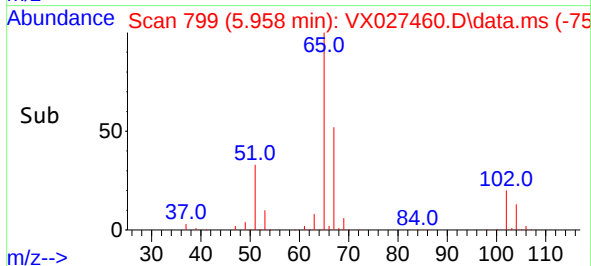
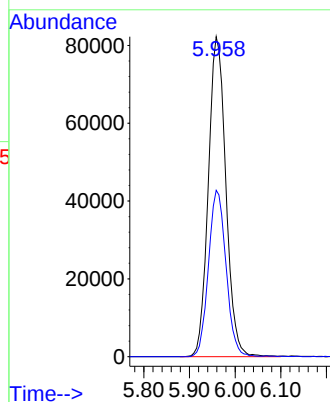
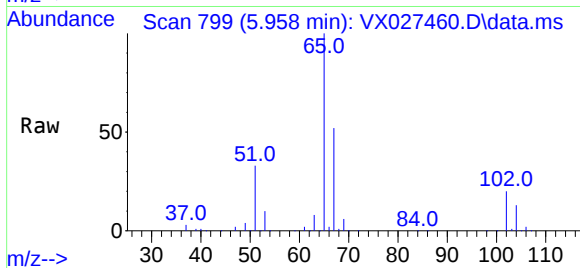
3222

Tgt Ion: 65 Resp: 219174

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027460.D

Acq: 15 Mar 2022 20:17

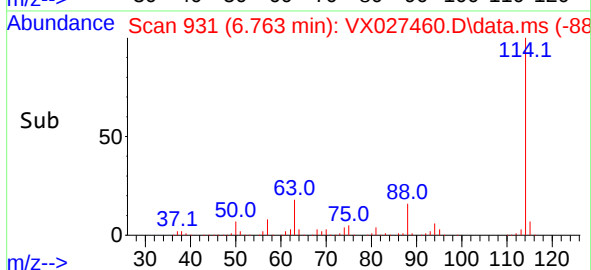
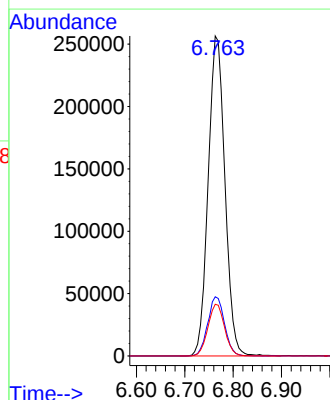
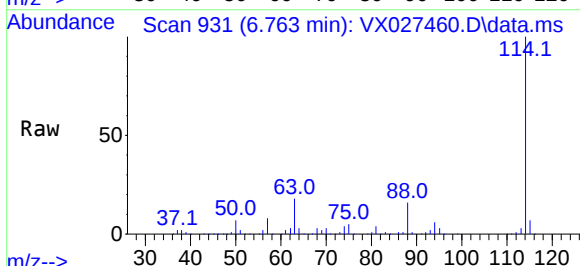
Tgt Ion: 114 Resp: 616584

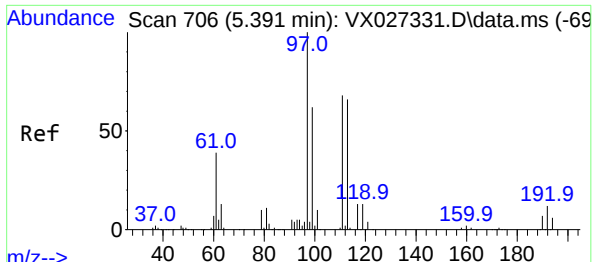
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.1 0.0 32.4

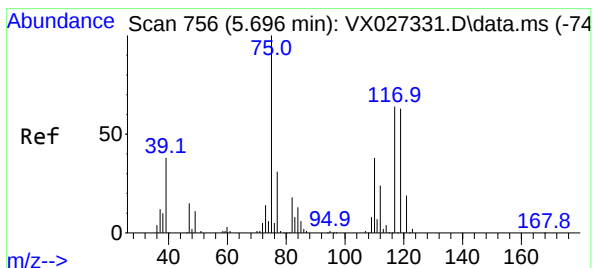
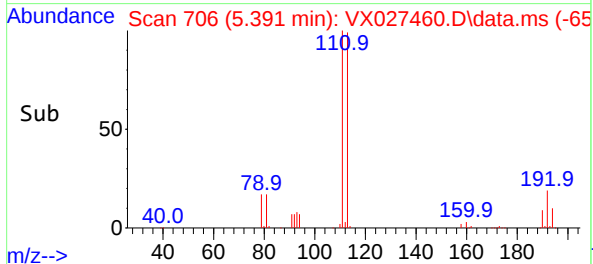
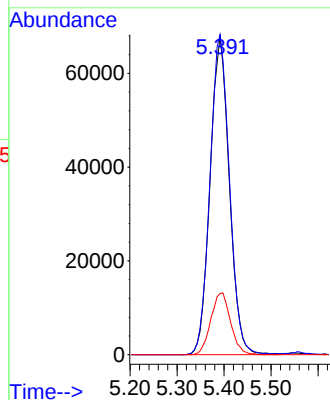
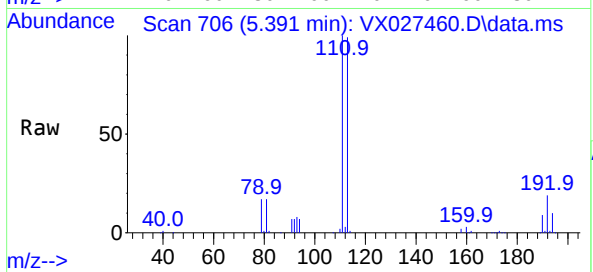




#35
Dibromofluoromethane
Concen: 48.442 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

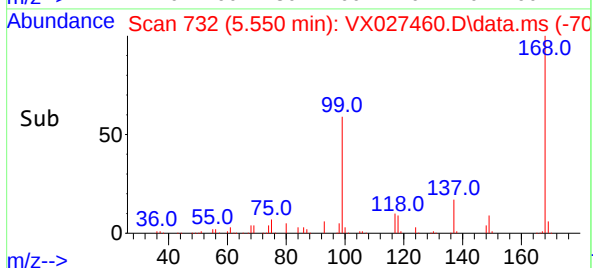
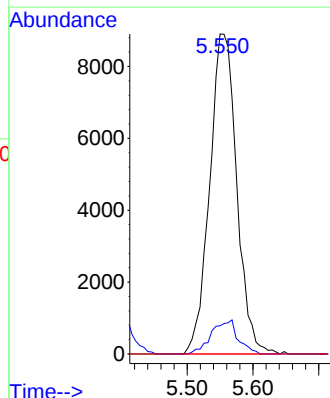
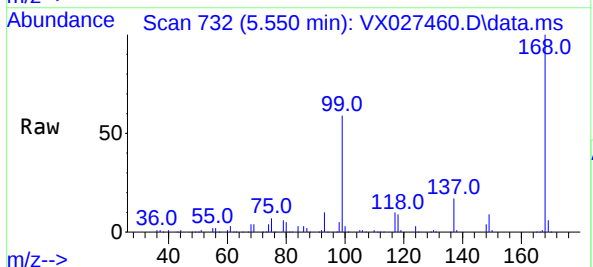
Instrument :
MSVOA_X
ClientSampleId :
3222

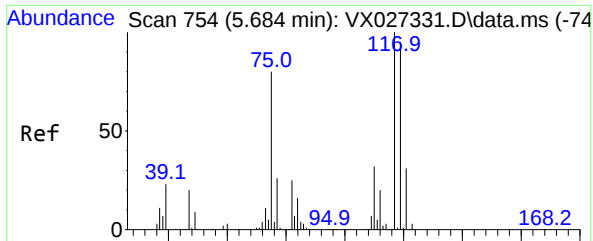
Tgt Ion:113 Resp: 192731
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

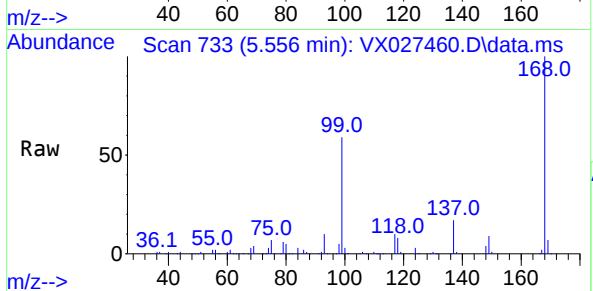
Tgt Ion: 75 Resp: 25526
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



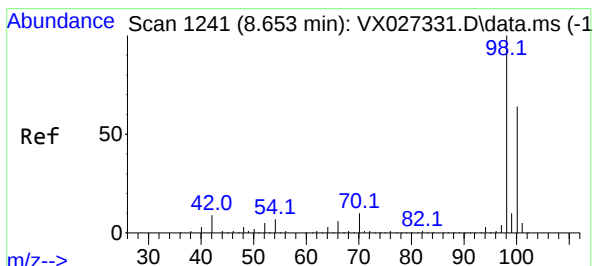
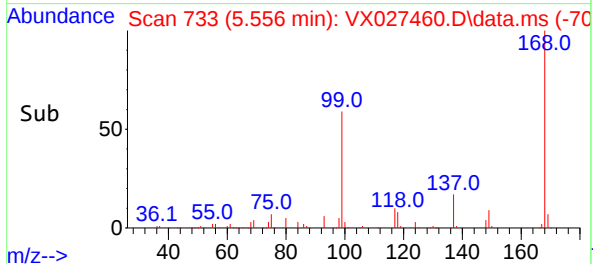
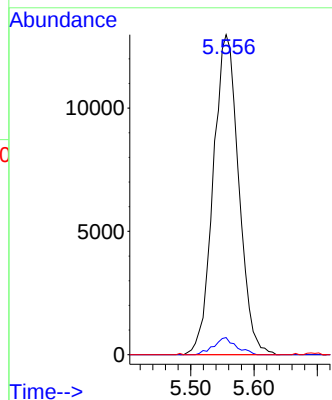


#38
Carbon Tetrachloride
Concen: 6.342 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Instrument :
MSVOA_X
ClientSampleId :
3222

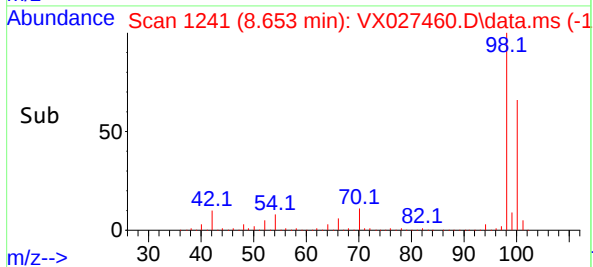
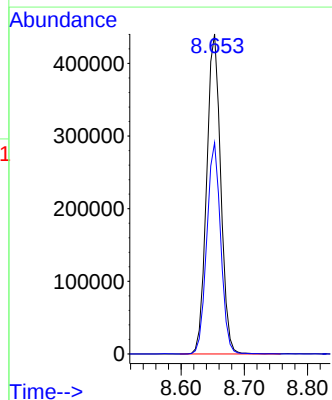
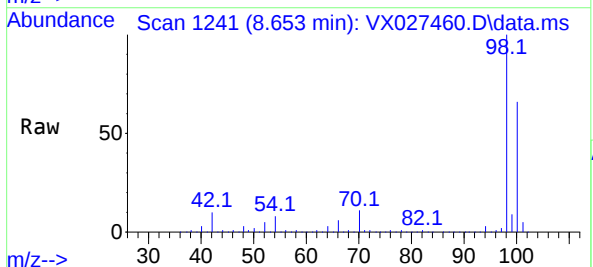


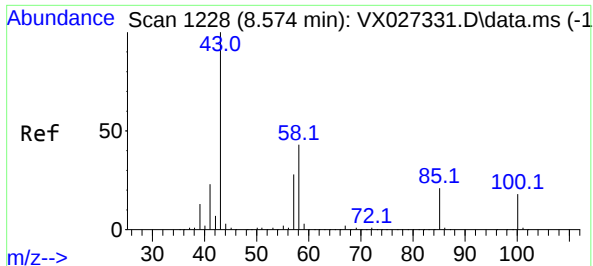
Tgt Ion:117 Resp: 36226
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.467 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 98 Resp: 682929
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.432 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX027460.D

Acq: 15 Mar 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

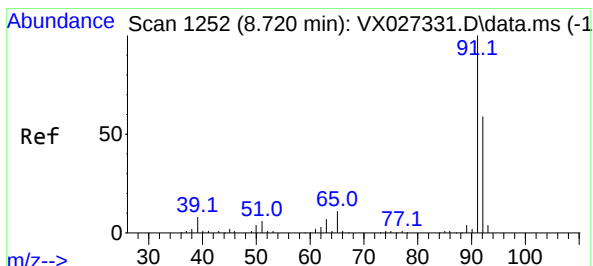
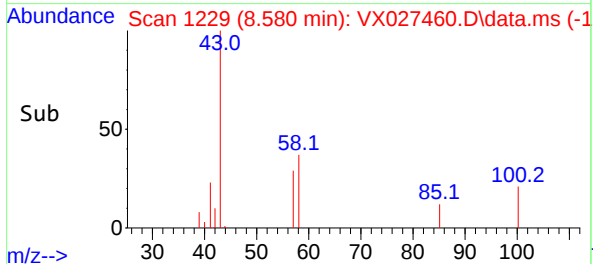
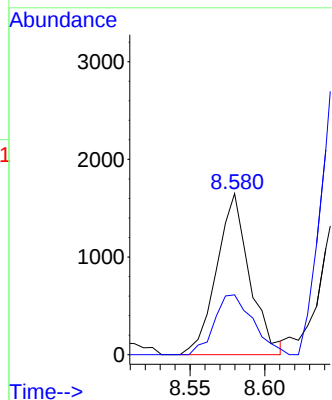
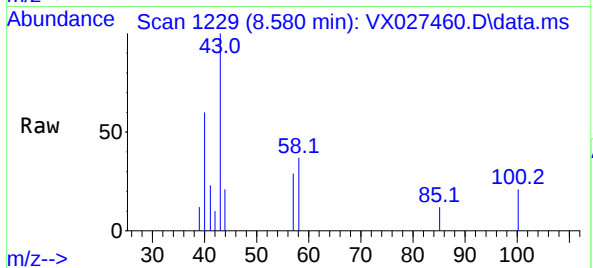
3222

Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

43 100

58 43.6 36.1 54.1



#52

Toluene

Concen: 0.519 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027460.D

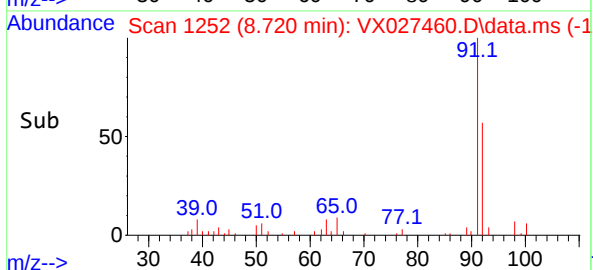
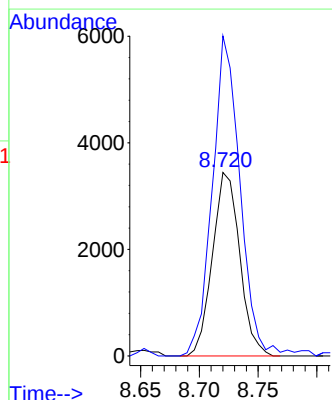
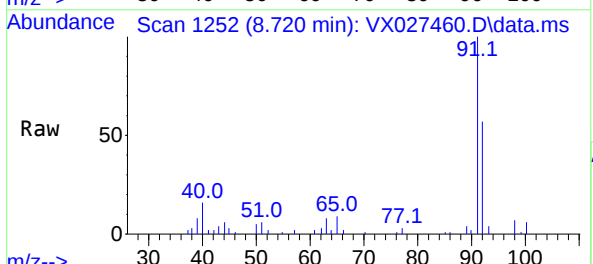
Acq: 15 Mar 2022 20:17

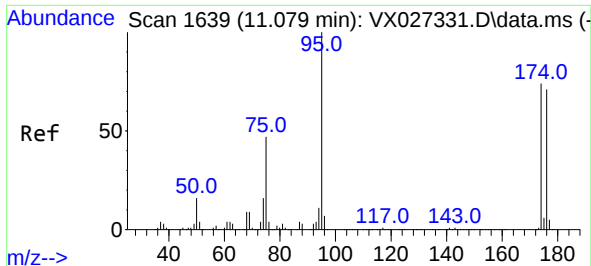
Tgt Ion: 92 Resp: 5570

Ion Ratio Lower Upper

92 100

91 178.1 137.5 206.3

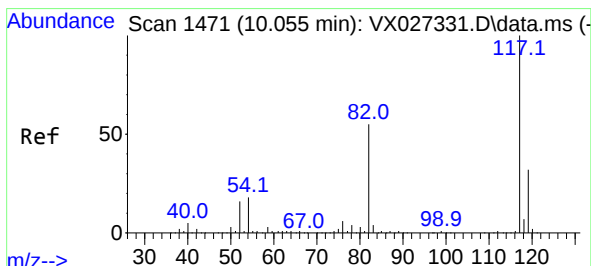
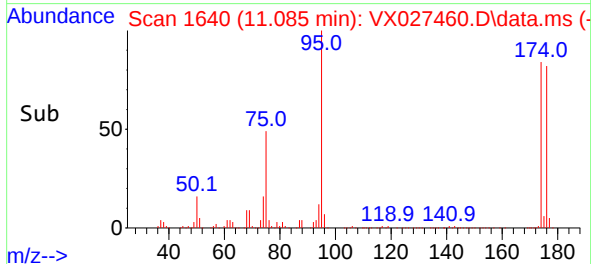
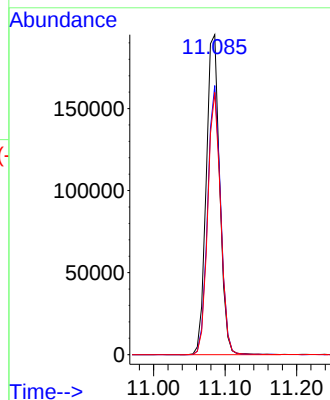
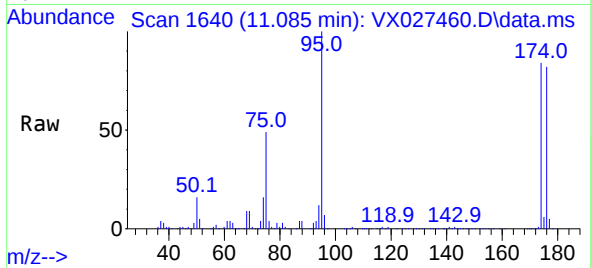




#62
4-Bromofluorobenzene
Concen: 44.533 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

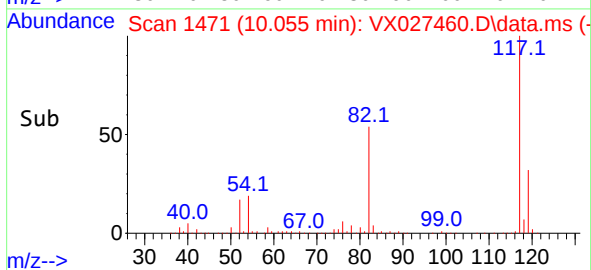
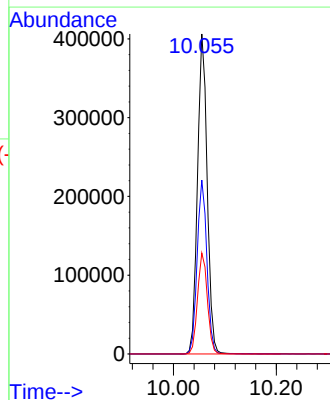
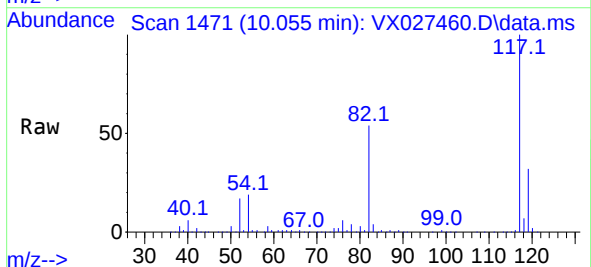
Instrument :
MSVOA_X
ClientSampleId :
3222

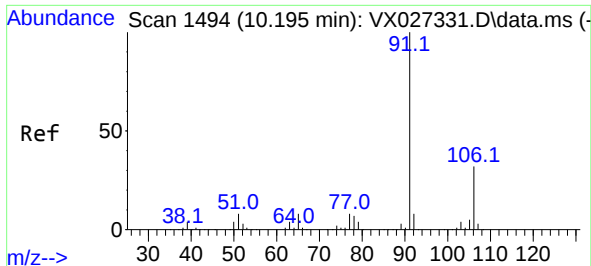
Tgt Ion: 95 Resp: 254938
Ion Ratio Lower Upper
95 100
174 81.2 0.0 163.0
176 78.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 117 Resp: 532825
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 31.5 24.8 37.2





#67

Ethyl Benzene

Concen: 0.325 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027460.D

Acq: 15 Mar 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

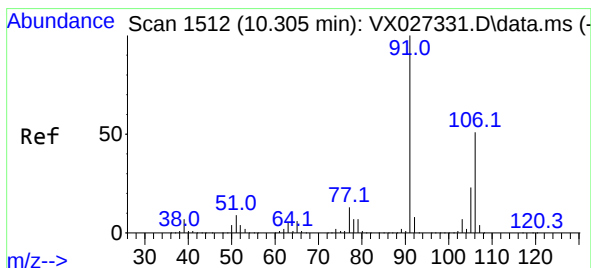
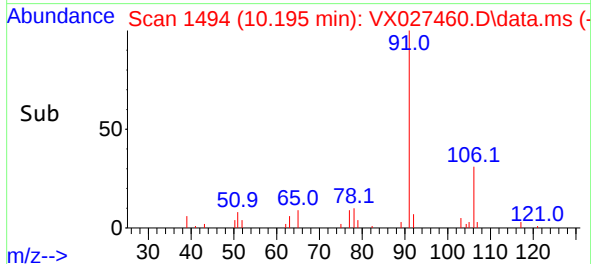
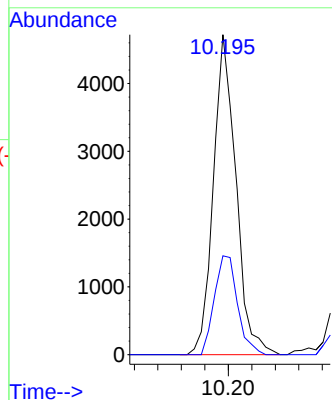
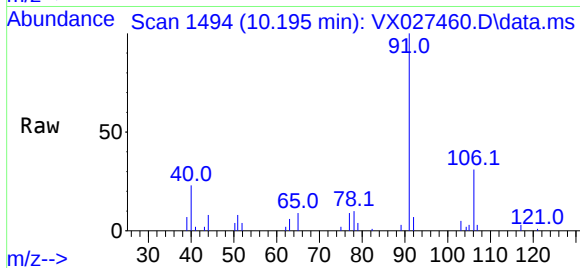
3222

Tgt Ion: 91 Resp: 6291

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 0.460 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX027460.D

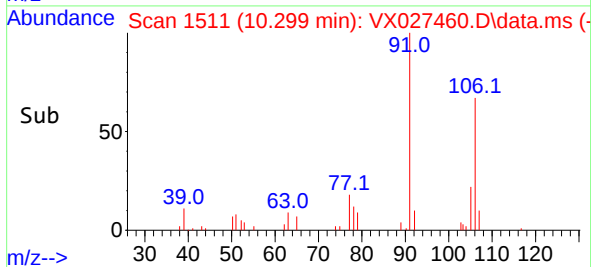
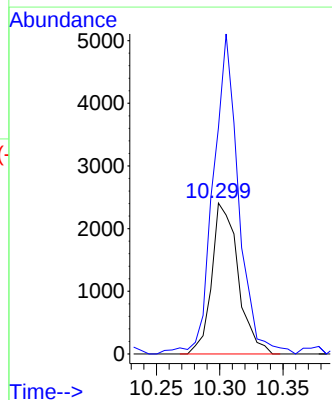
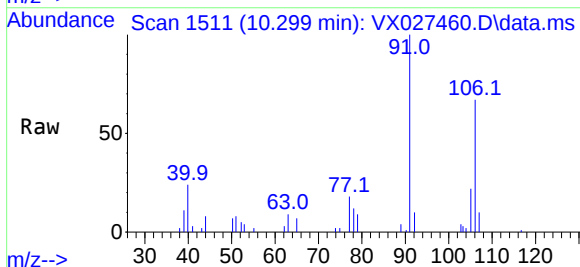
Acq: 15 Mar 2022 20:17

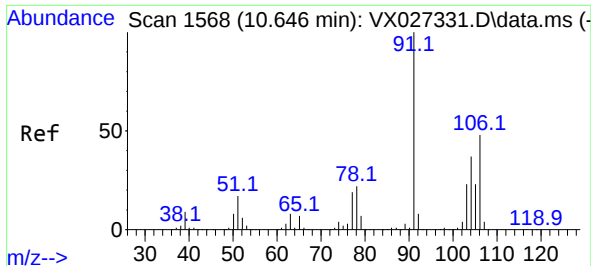
Tgt Ion: 106 Resp: 3487

Ion Ratio Lower Upper

106 100

91 203.4 160.4 240.6

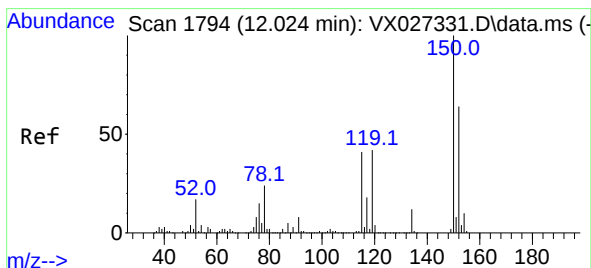
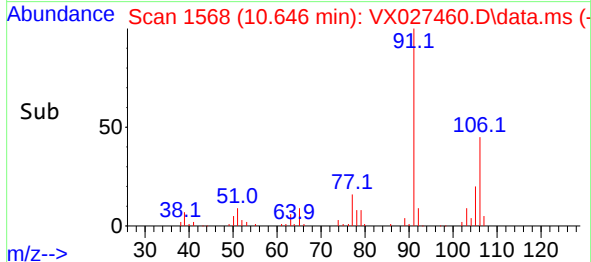
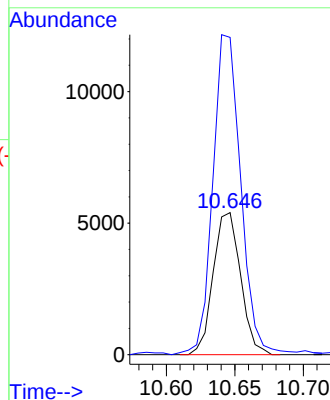
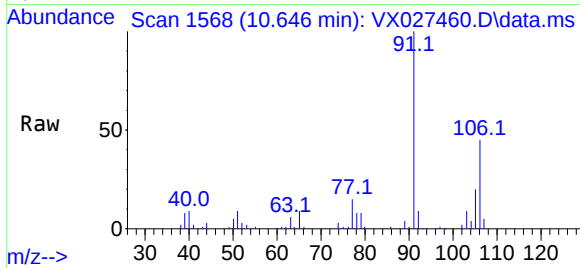




#69
o-Xylene
Concen: 1.002 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

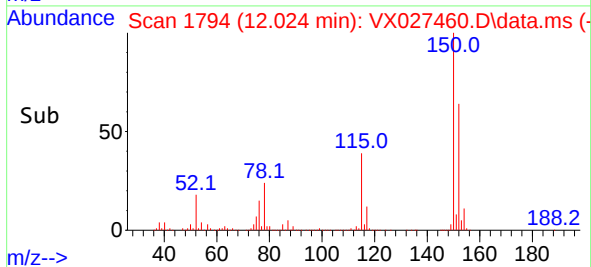
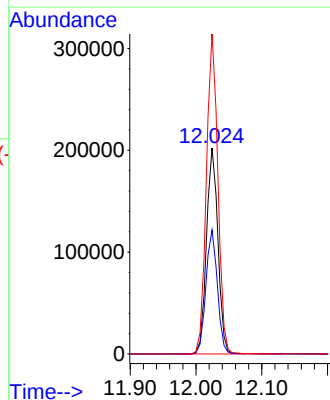
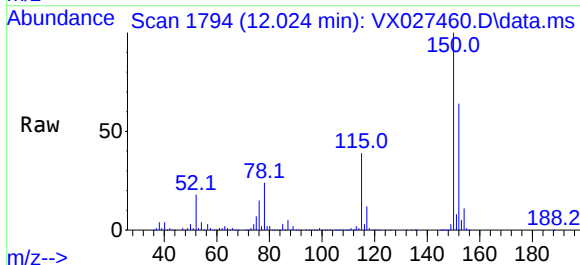
Instrument :
MSVOA_X
ClientSampleId :
3222

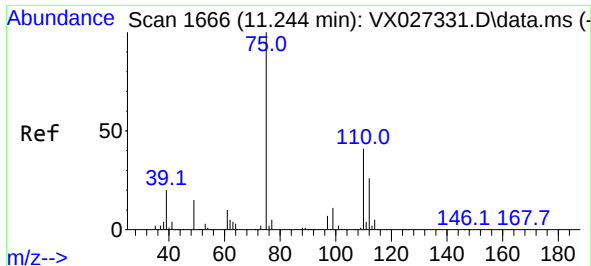
Tgt Ion:106 Resp: 7505
Ion Ratio Lower Upper
106 100
91 230.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion:152 Resp: 245142
Ion Ratio Lower Upper
152 100
115 60.2 37.5 112.7
150 155.8 0.0 338.2

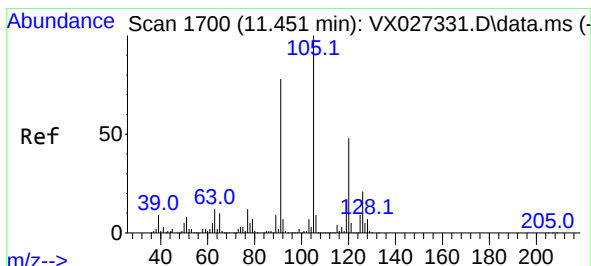
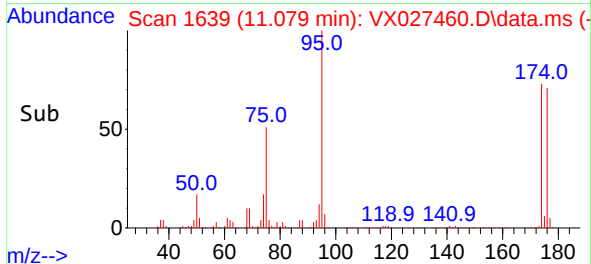
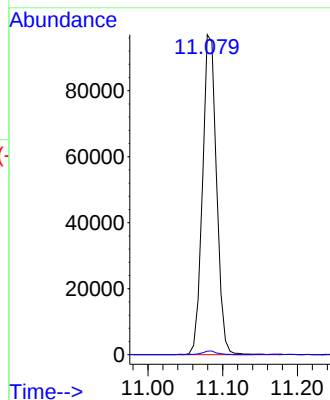
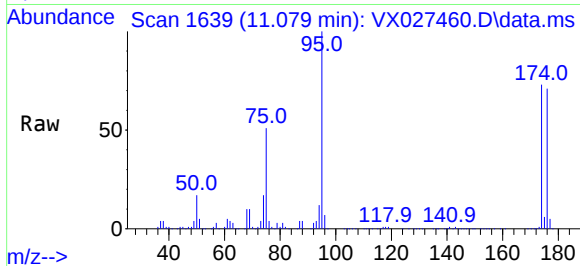




#76
1,2,3-Trichloropropane
Concen: 23.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

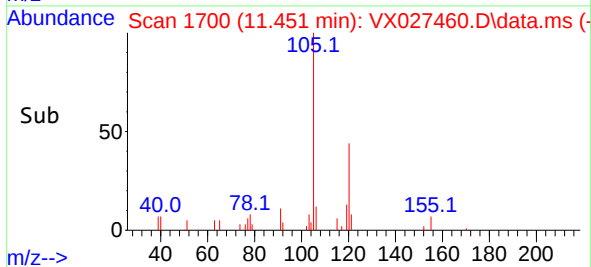
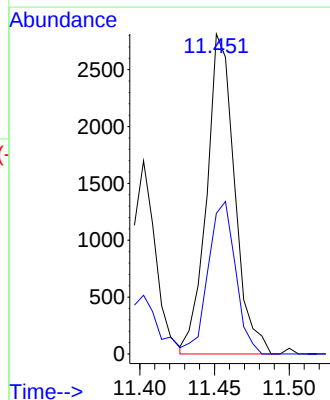
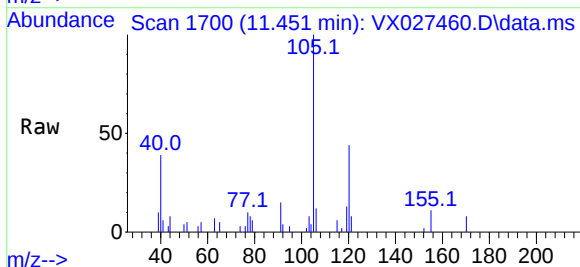
Instrument :
MSVOA_X
ClientSampleId :
3222

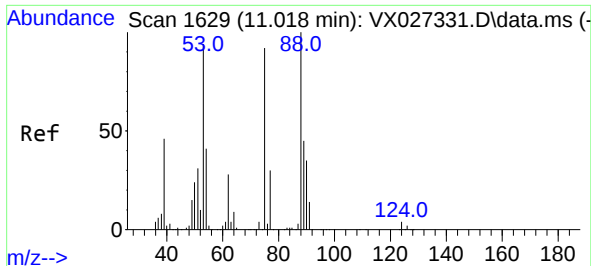
Tgt Ion: 75 Resp: 126350
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.238 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Tgt Ion: 105 Resp: 3655
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9

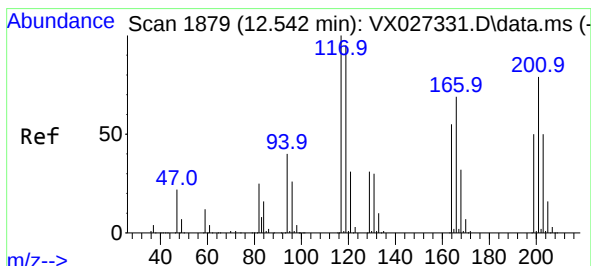
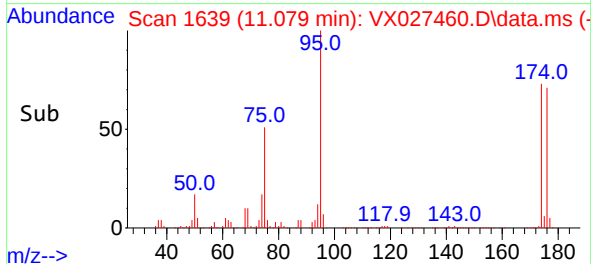
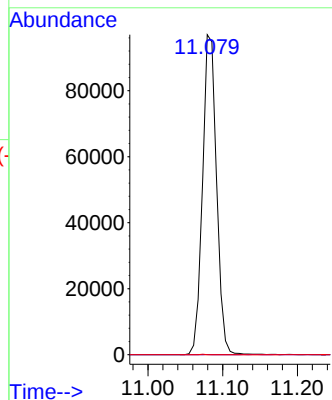
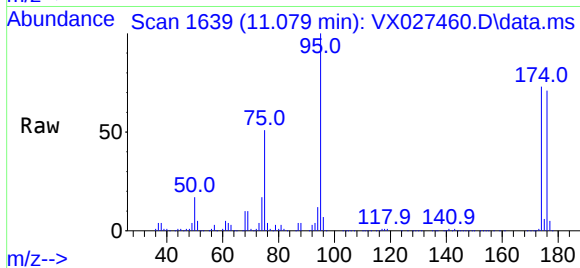




#81
trans-1,4-Dichloro-2-butene
Concen: 75.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

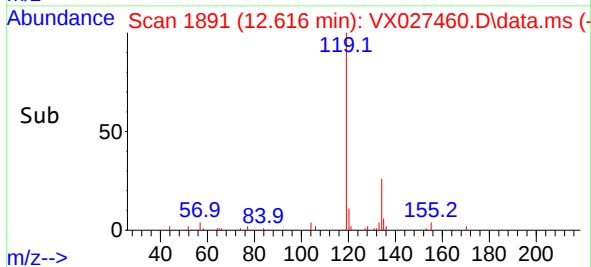
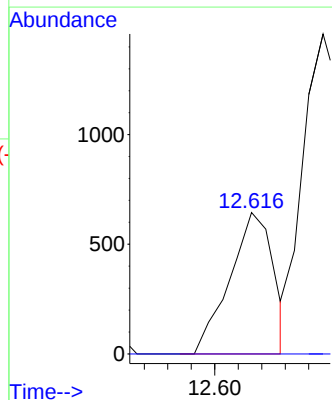
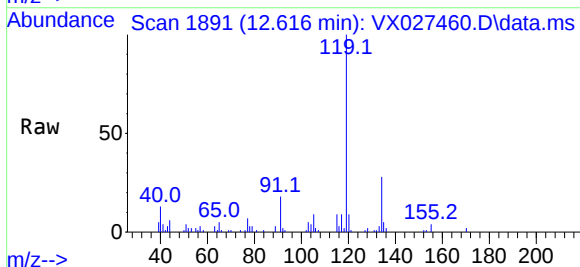
Instrument :
MSVOA_X
ClientSampleId :
3222

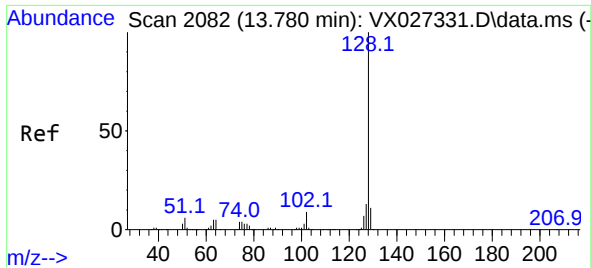
Tgt Ion: 75 Resp: 126350
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.341 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

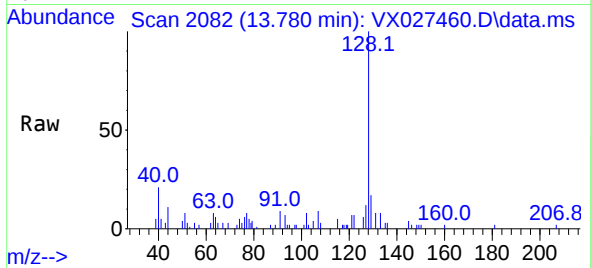
Tgt Ion: 117 Resp: 835
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#95
Naphthalene
Concen: 0.325 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027460.D
Acq: 15 Mar 2022 20:17

Instrument :
MSVOA_X
ClientSampleId :
3222



Tgt Ion:128 Resp: 5994
Ion Ratio Lower Upper
128 100
127 17.6 10.2 15.4#
129 25.8 8.7 13.1#

