

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024520.D
 Acq On : 04 Oct 2021 15:11
 Operator : JC/MD
 Sample : M3911-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCHRE

Quant Time: Oct 05 03:20:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

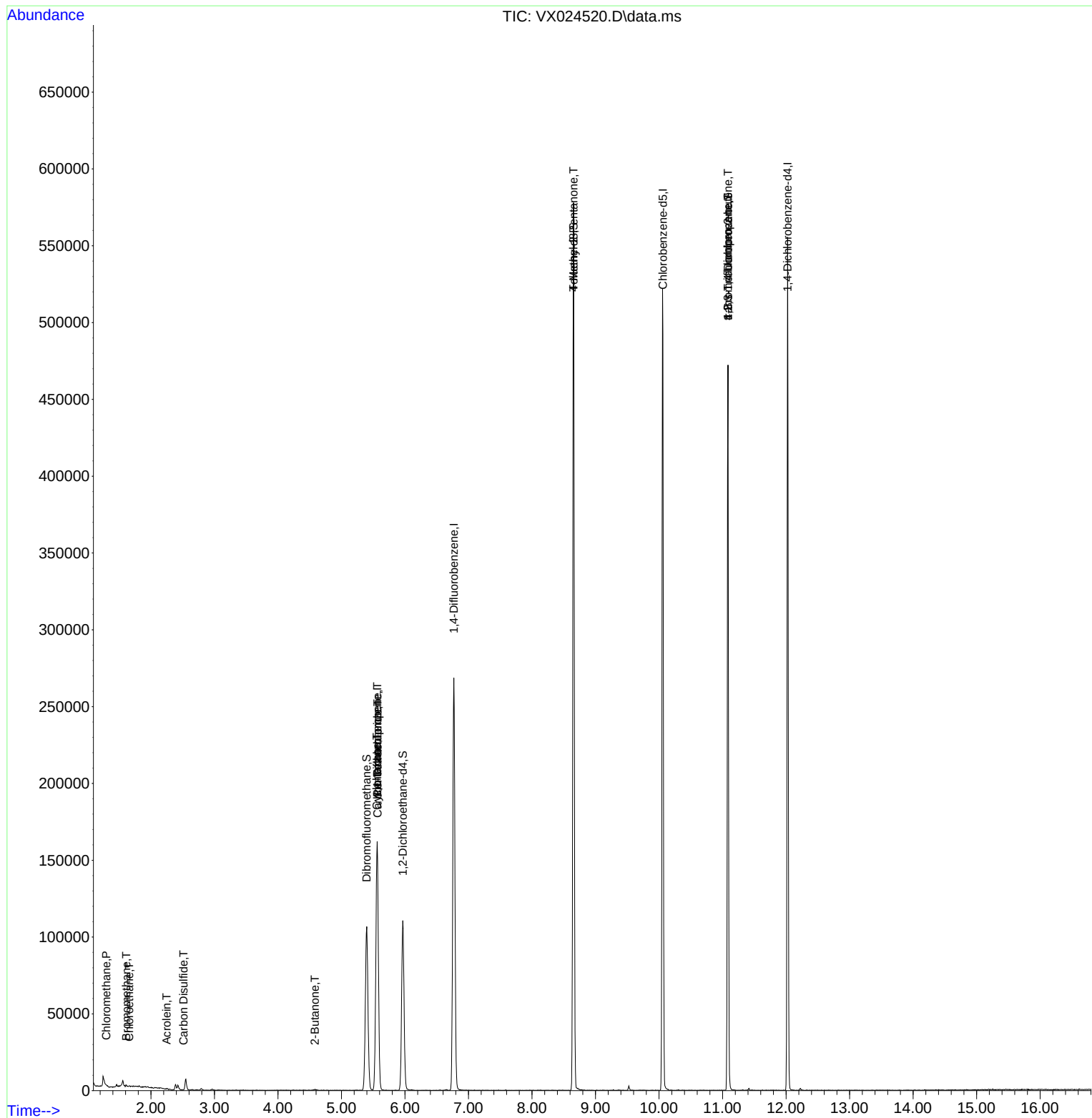
Internal Standards						
1) Pentafluorobenzene	5.562	168	148438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	274417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	237119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111053	53.083	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.160%			
35) Dibromofluoromethane	5.397	113	92835	50.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%			
50) Toluene-d8	8.653	98	333722	49.737	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.480%			
62) 4-Bromofluorobenzene	11.085	95	124064	47.027	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.060%			
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	302	0.215	ug/l #	42
5) Bromomethane	1.611	94	236	0.238	ug/l #	70
6) Chloroethane	1.654	64	220	0.481	ug/l	92
11) Tert butyl alcohol	2.959	59	654	Below Cal	#	73
13) Acrolein	2.245	56	65	10.609	ug/l	100
16) Acetone	2.386	43	3763	Below Cal		90
17) Carbon Disulfide	2.514	76	237	0.295	ug/l #	75
20) Methylene Chloride	2.794	84	492	Below Cal	#	84
25) 2-Butanone	4.580	43	551	0.382	ug/l #	68
31) Cyclohexane	5.556	56	3266	1.304	ug/l #	37
36) 1,1-Dichloropropene	5.562	75	11964	4.548	ug/l #	50
38) Carbon Tetrachloride	5.568	117	15292	5.340	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1331	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	63238	24.607	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63238	67.132	ug/l #	12

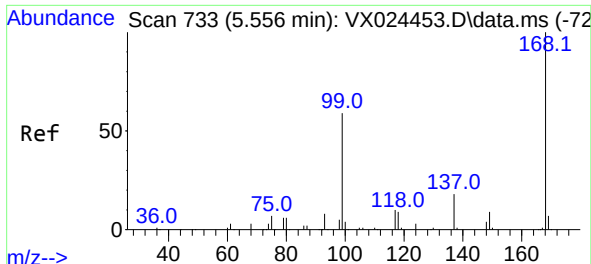
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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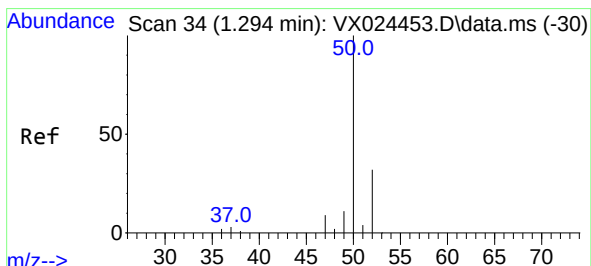
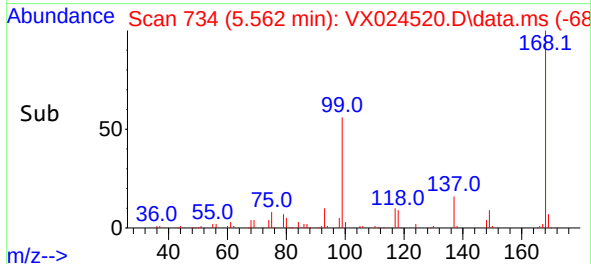
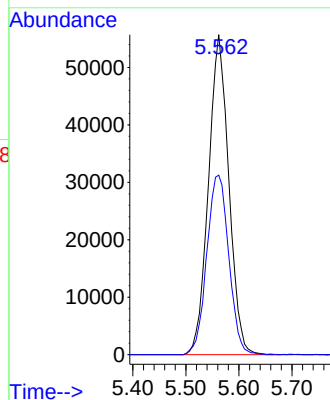
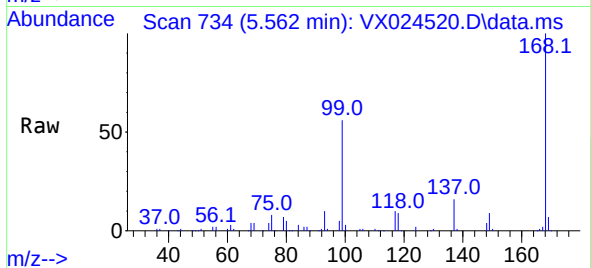




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

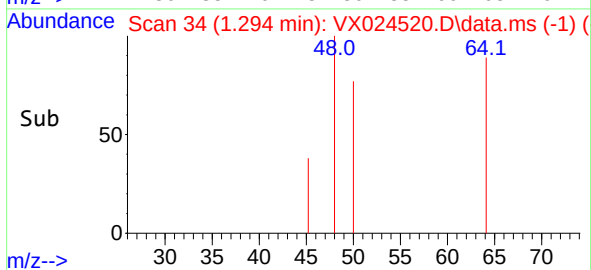
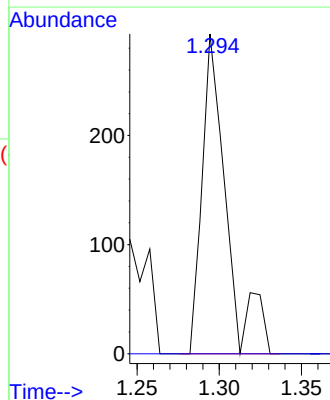
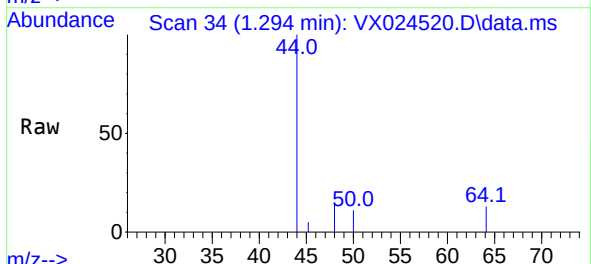
Instrument :
MSVOA_X
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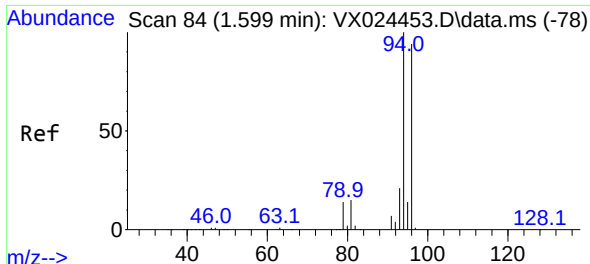
Tgt Ion:168 Resp: 148438
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

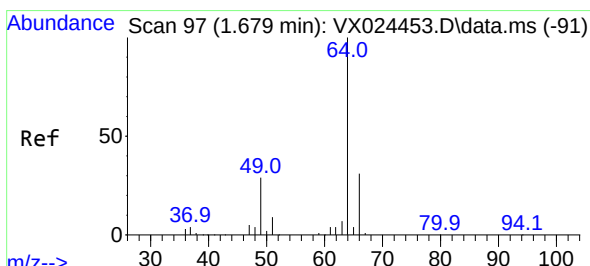
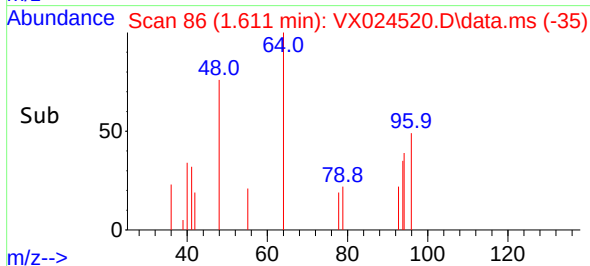
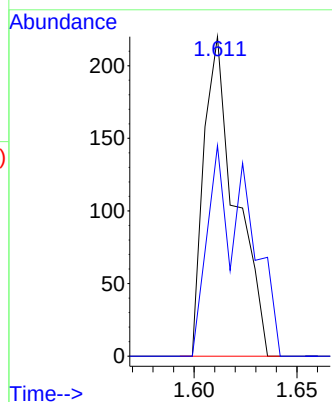
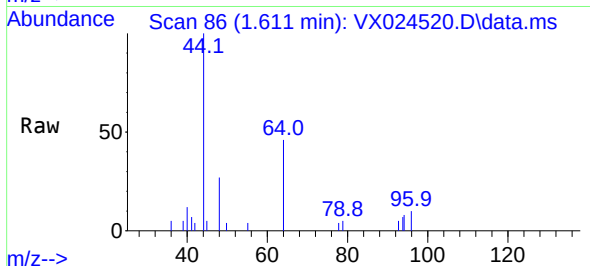




#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

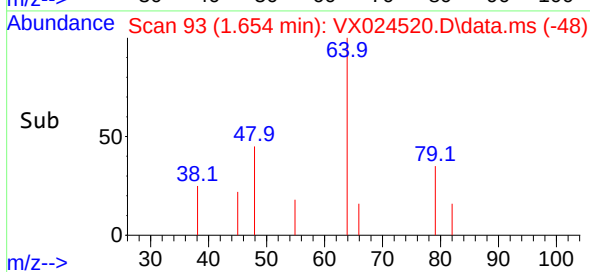
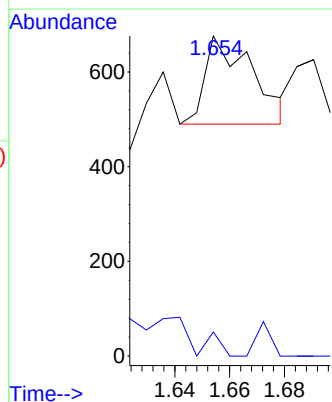
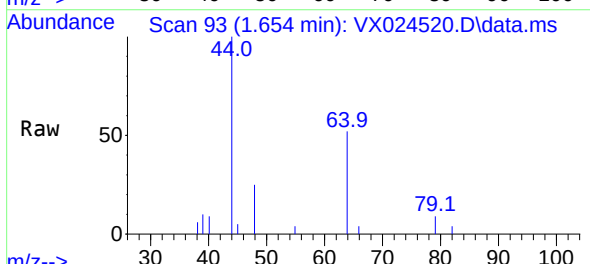
Instrument :
MSVOA_X
ClientSampleId :
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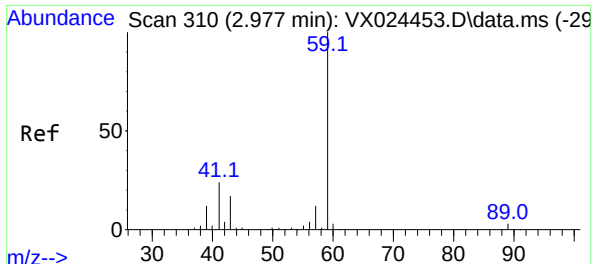
Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 65.9 76.4 114.6#



#6
Chloroethane
Concen: 0.481 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 27.4 25.4 38.0

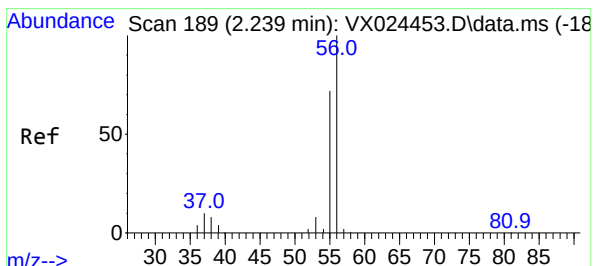
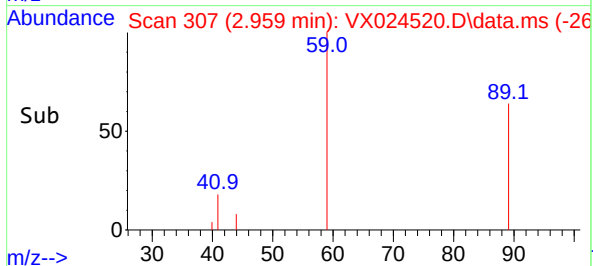
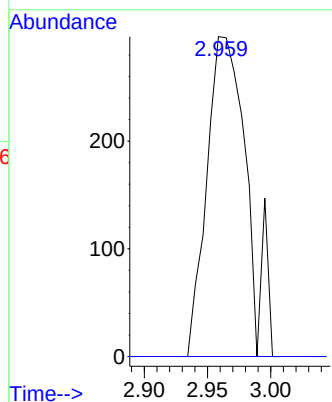
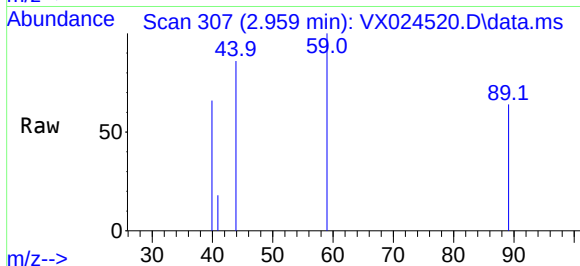




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

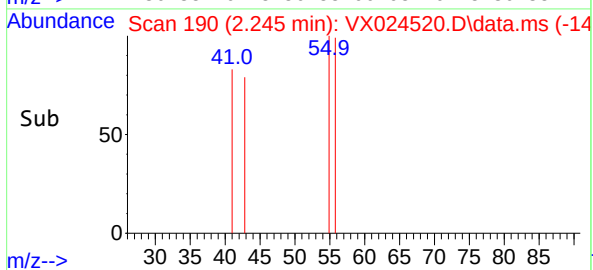
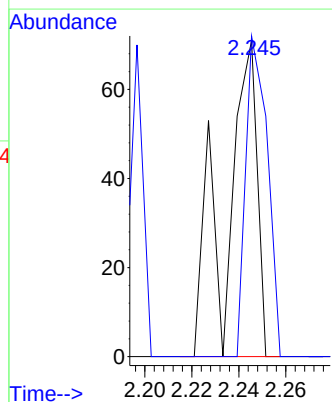
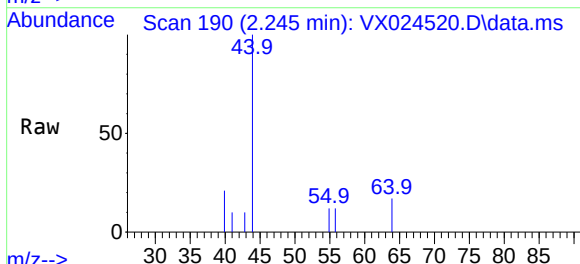
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

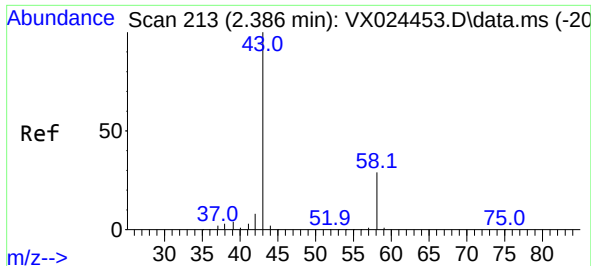
Tgt Ion: 59 Resp: 654
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 10.609 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 70.8 56.4 84.6

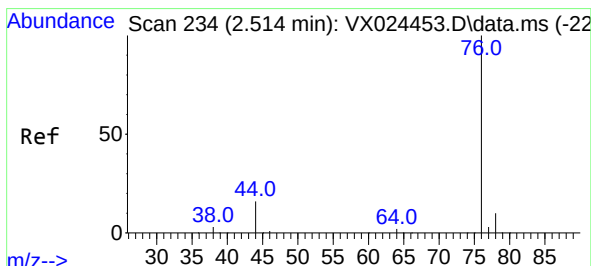
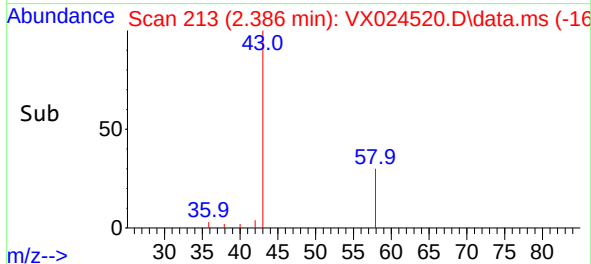
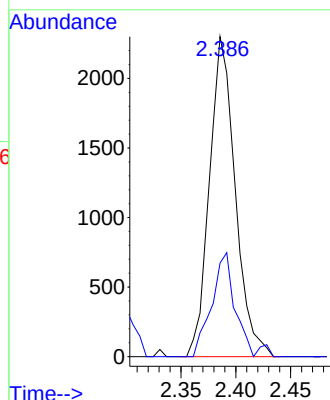
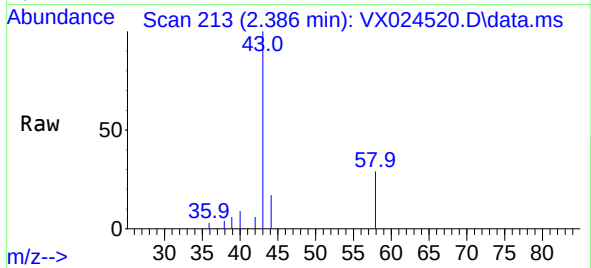




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

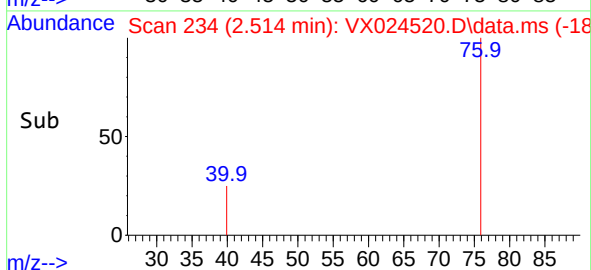
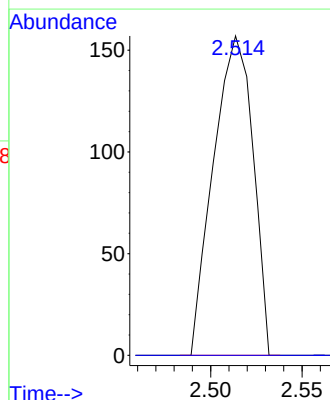
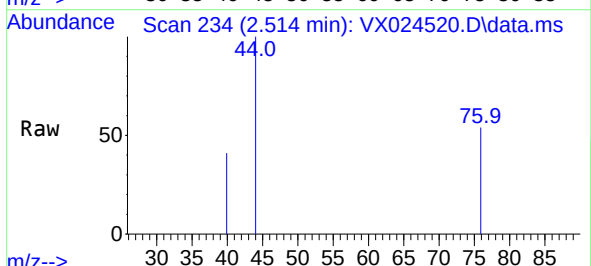
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

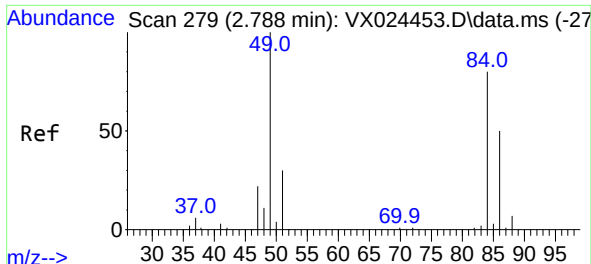
Tgt Ion: 43 Resp: 3763
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.295 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion: 76 Resp: 237
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

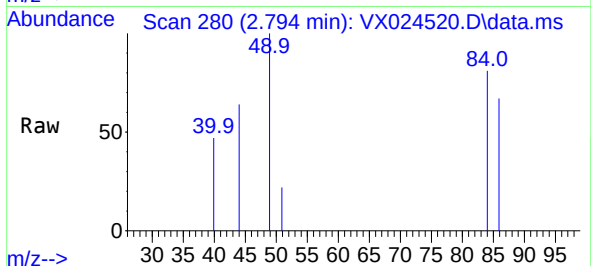
RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024520.D

Acq: 04 Oct 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE



Tgt Ion: 84 Resp: 492

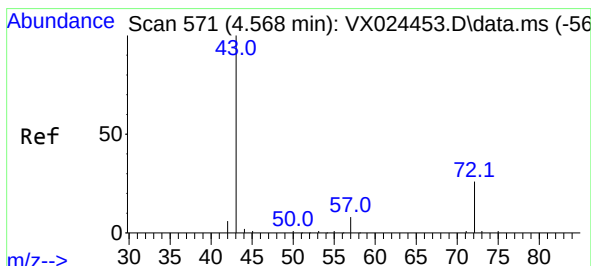
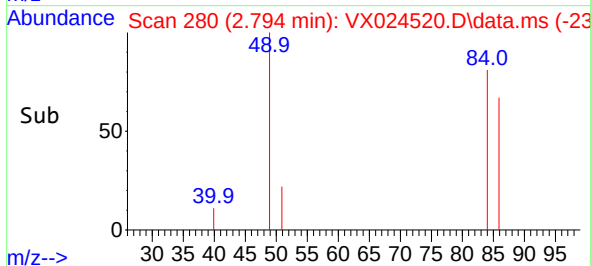
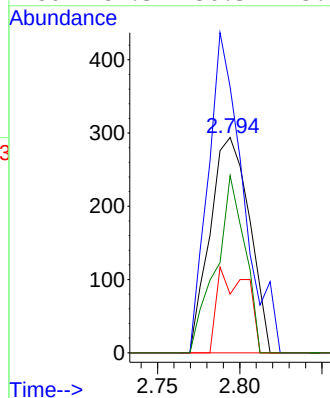
Ion Ratio Lower Upper

84 100

49 123.5 88.6 132.8

51 27.2 27.0 40.6

86 82.3 50.3 75.5#



#25

2-Butanone

Concen: 0.382 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024520.D

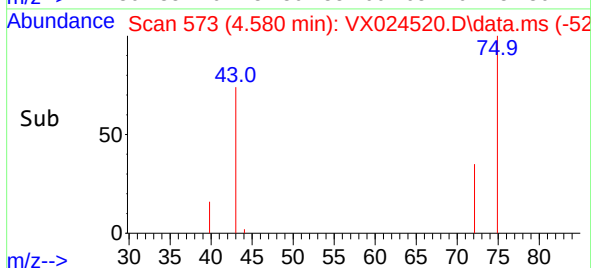
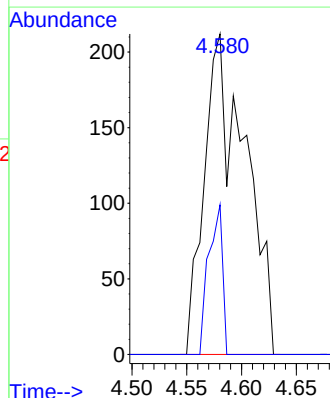
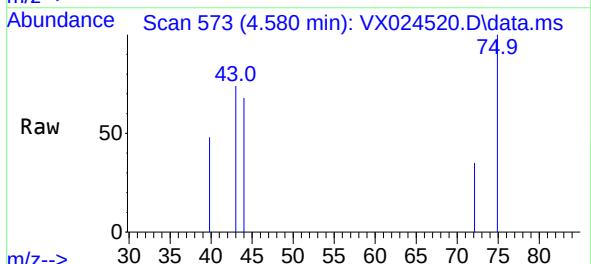
Acq: 04 Oct 2021 15:11

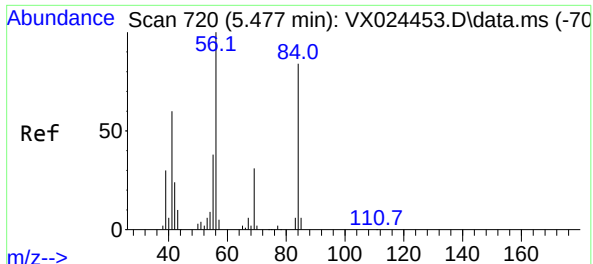
Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

72 46.7 23.7 35.5#

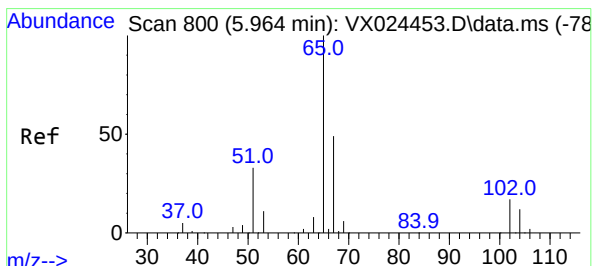
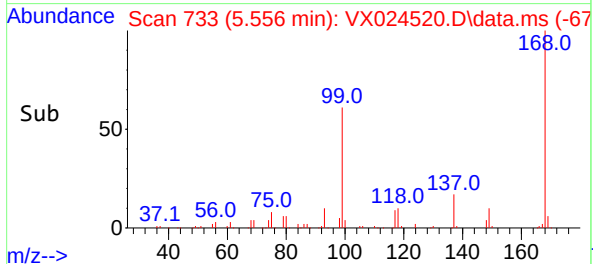
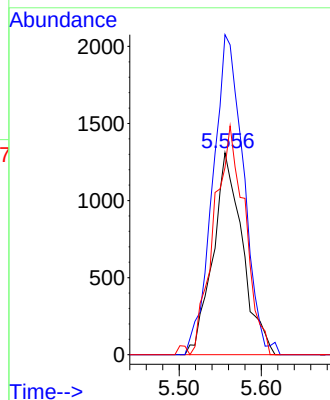
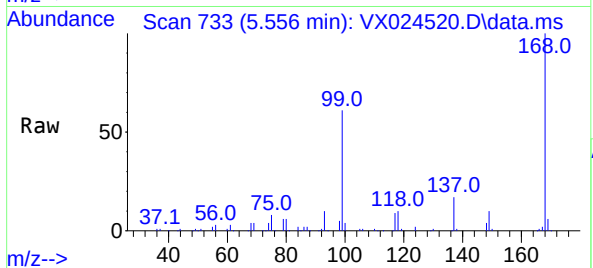




#31
Cyclohexane
Concen: 1.304 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

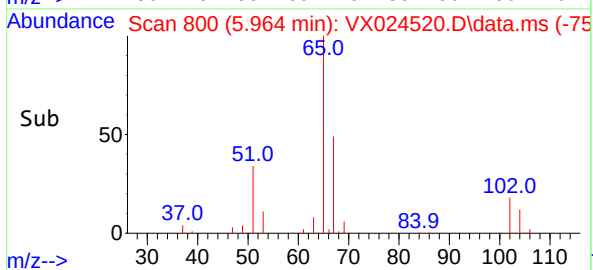
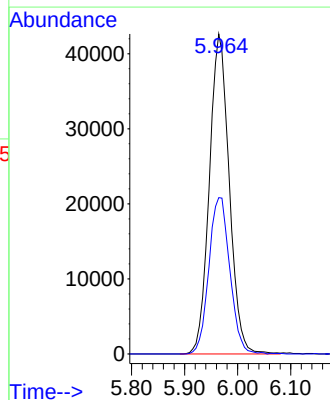
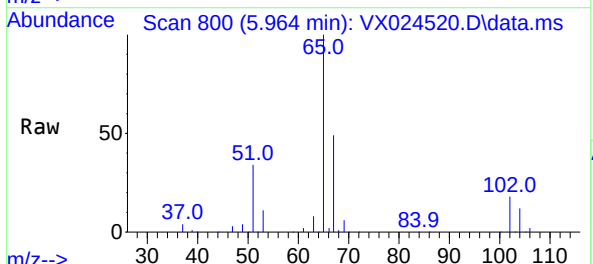
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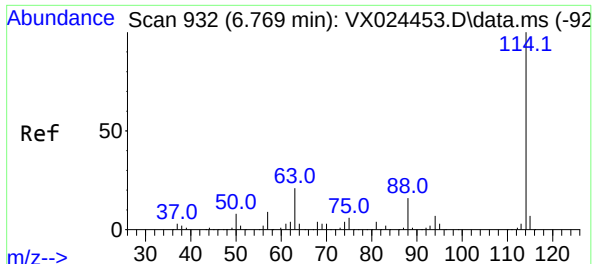
Tgt Ion: 56 Resp: 3266
Ion Ratio Lower Upper
56 100
69 158.5 25.3 37.9#
84 92.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.083 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion: 65 Resp: 111053
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

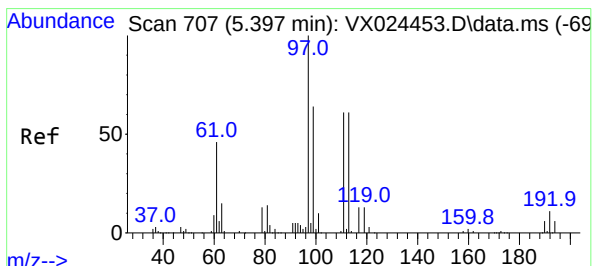
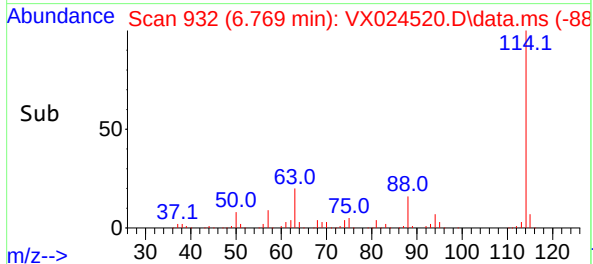
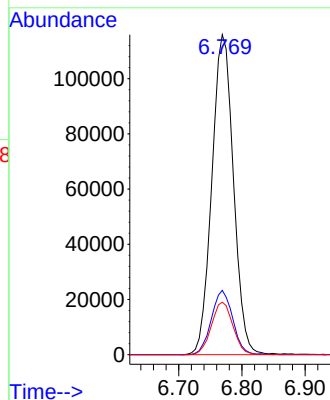
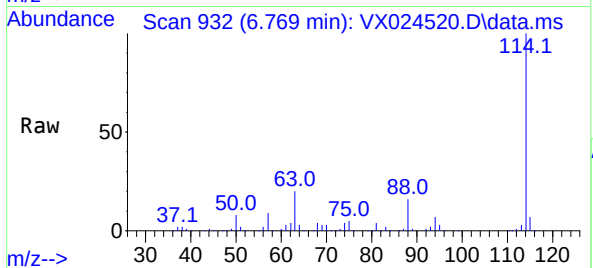




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

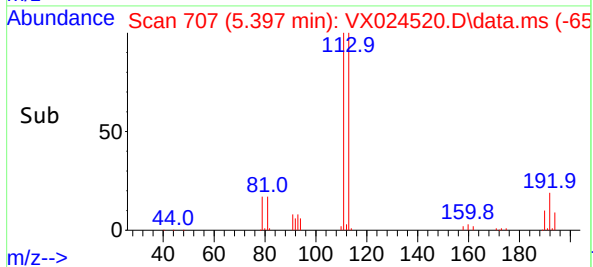
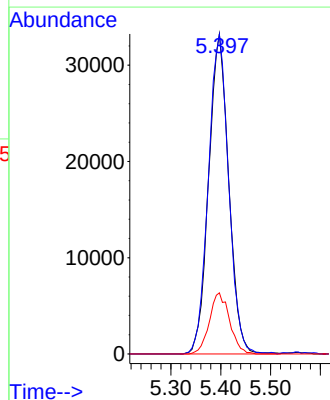
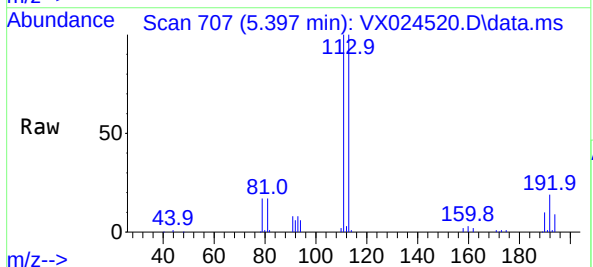
Instrument :
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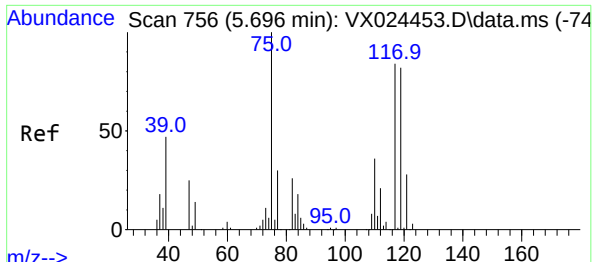
Tgt Ion:114 Resp: 274417
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.924 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion:113 Resp: 92835
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.2 16.7 25.1

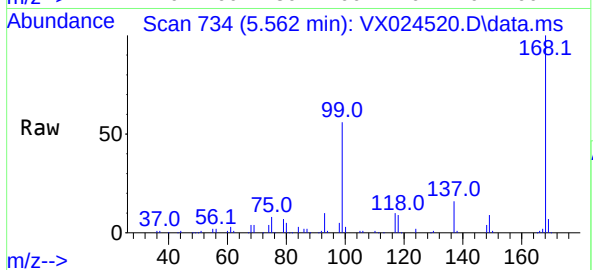




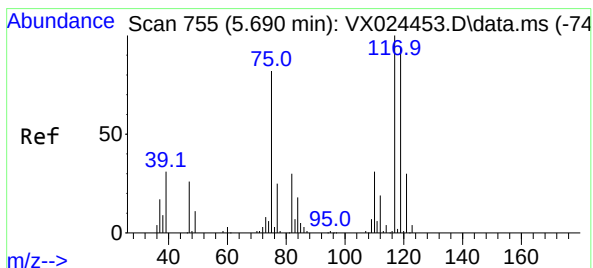
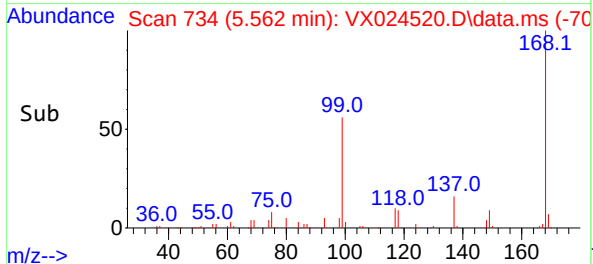
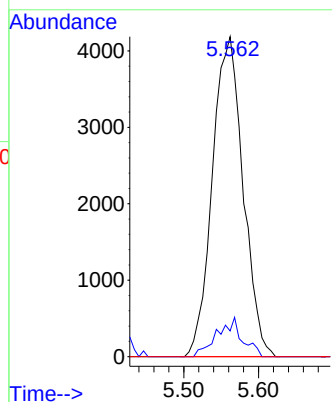
#36

1,1-Dichloropropene
Concen: 4.548 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

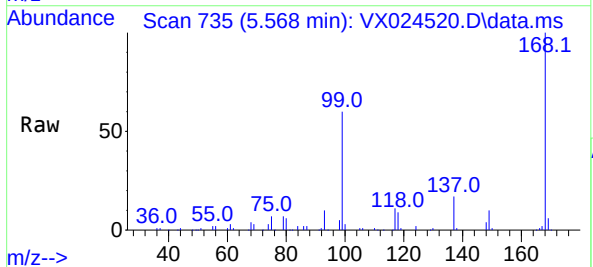


Tgt Ion:	75	Resp:	11964
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#

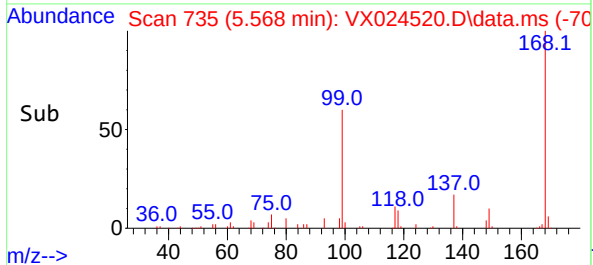
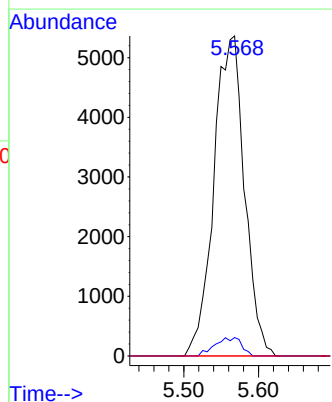


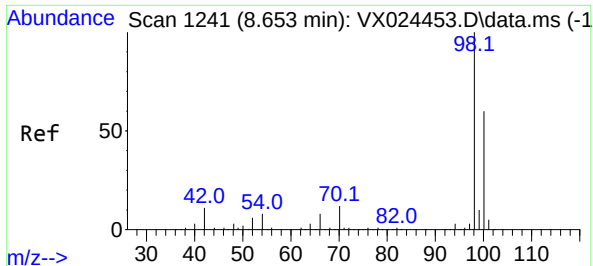
#38

Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11



Tgt Ion:	117	Resp:	15292
Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.2	114.2#
121	0.0	24.8	37.2#

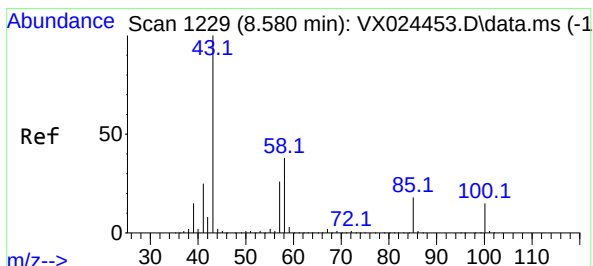
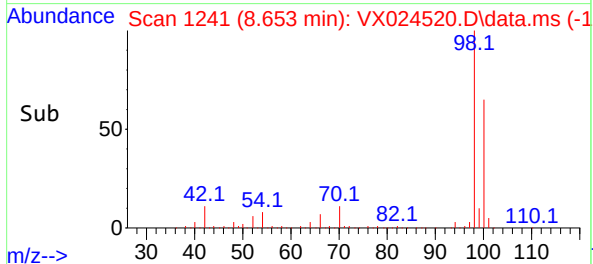
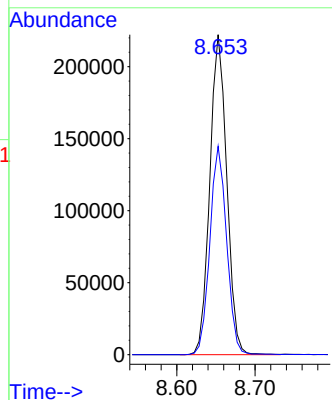
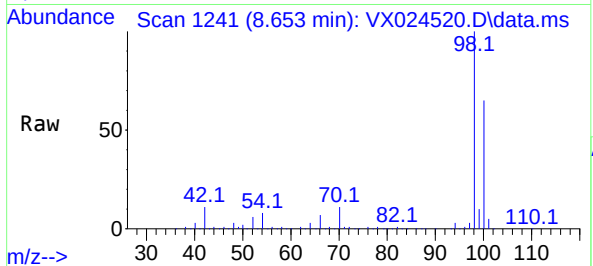




#50
Toluene-d8
Concen: 49.737 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

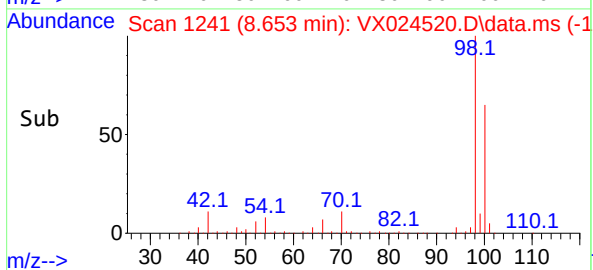
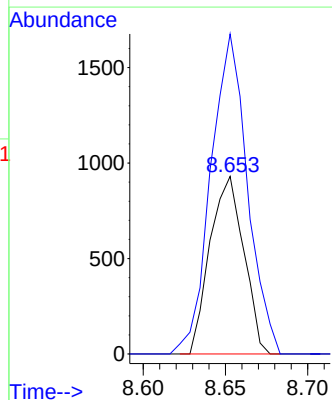
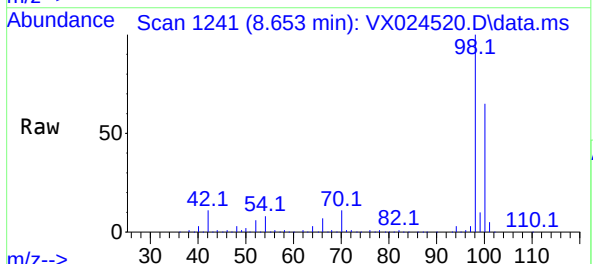
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

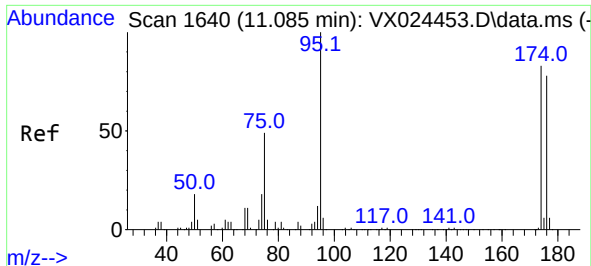
Tgt Ion: 98 Resp: 333722
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.404 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
58 195.0 35.4 53.0#

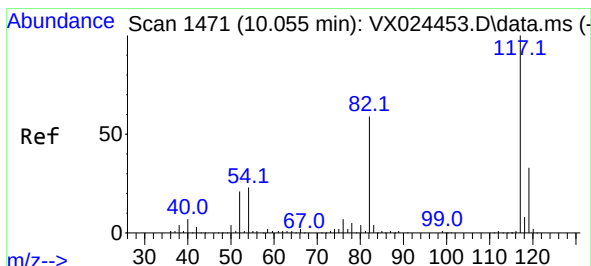
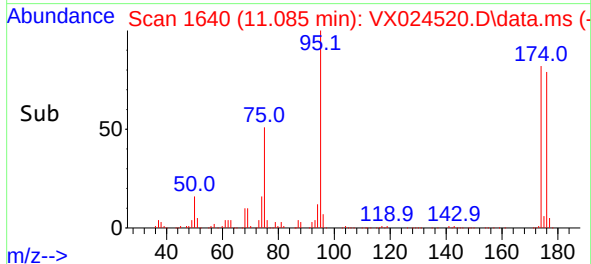
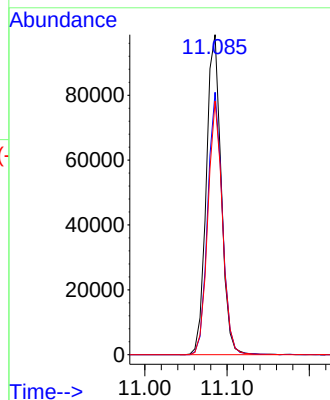
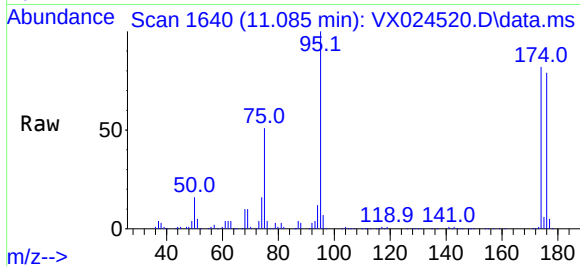




#62
4-Bromofluorobenzene
Concen: 47.027 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

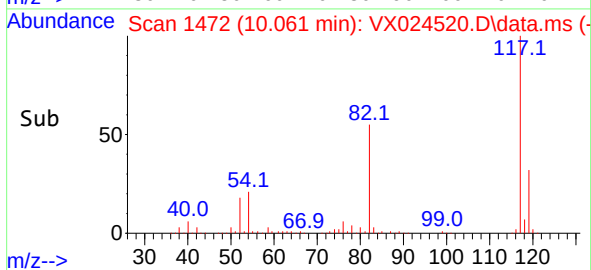
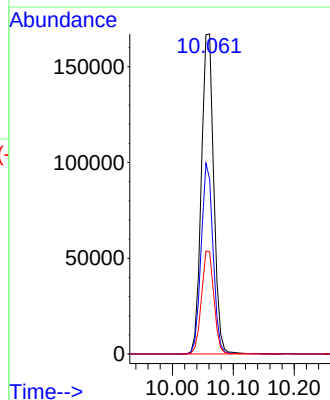
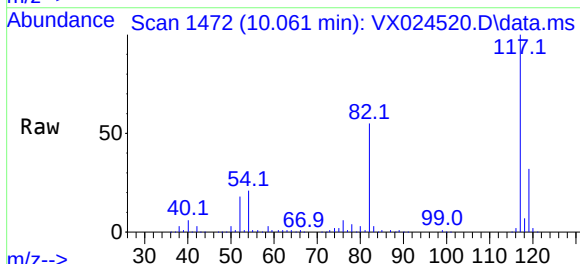
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

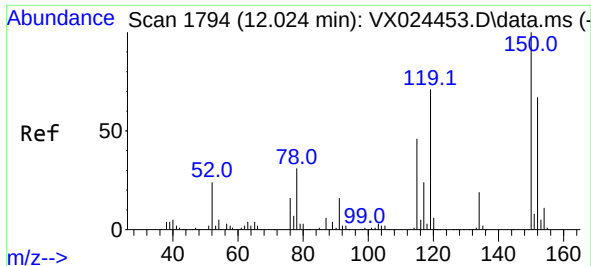
Tgt Ion: 95 Resp: 124064
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 77.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

Tgt Ion: 117 Resp: 237119
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.0 26.6 39.8

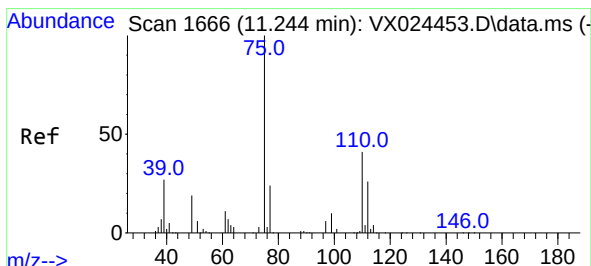
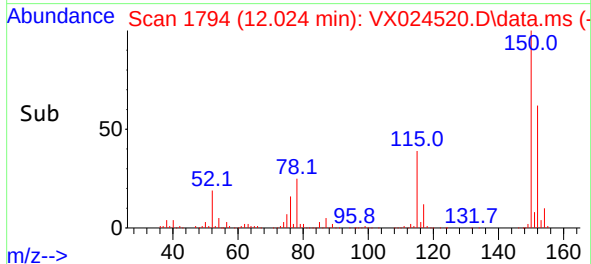
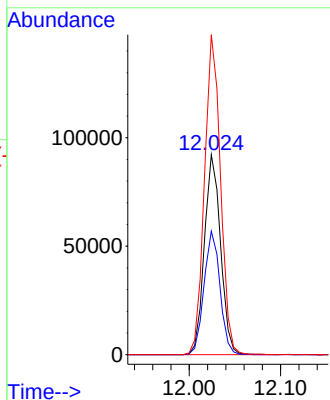
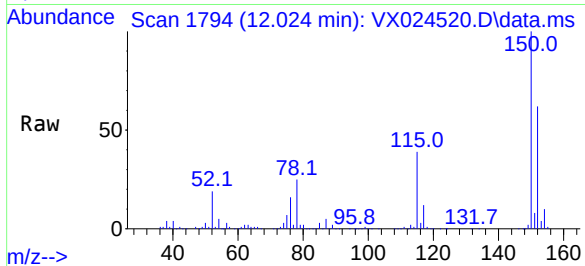




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

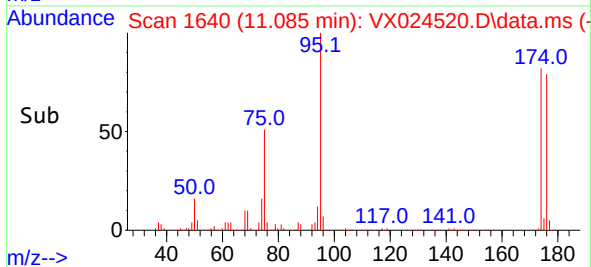
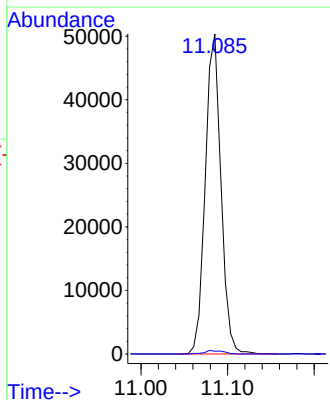
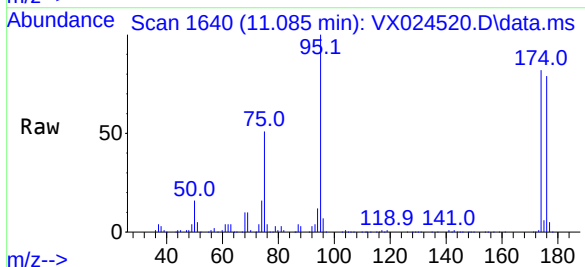
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

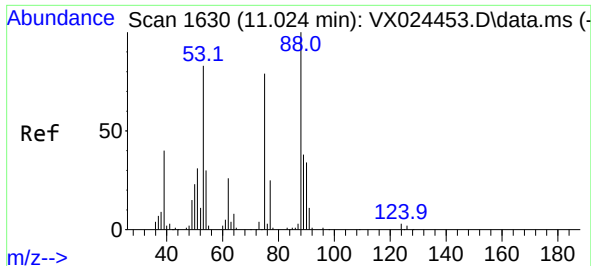
Tgt Ion:152 Resp: 113167
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.607 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024520.D
Acq: 04 Oct 2021 15:11

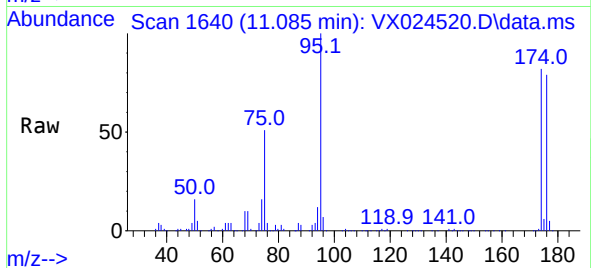
Tgt Ion: 75 Resp: 63238
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.132 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024520.D
 Acq: 04 Oct 2021 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCHRE



Tgt Ion: 75 Resp: 63238
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

