

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024575.D
 Acq On : 05 Oct 2021 16:49
 Operator : JC/MD
 Sample : M4080-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 06 06:49:40 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)

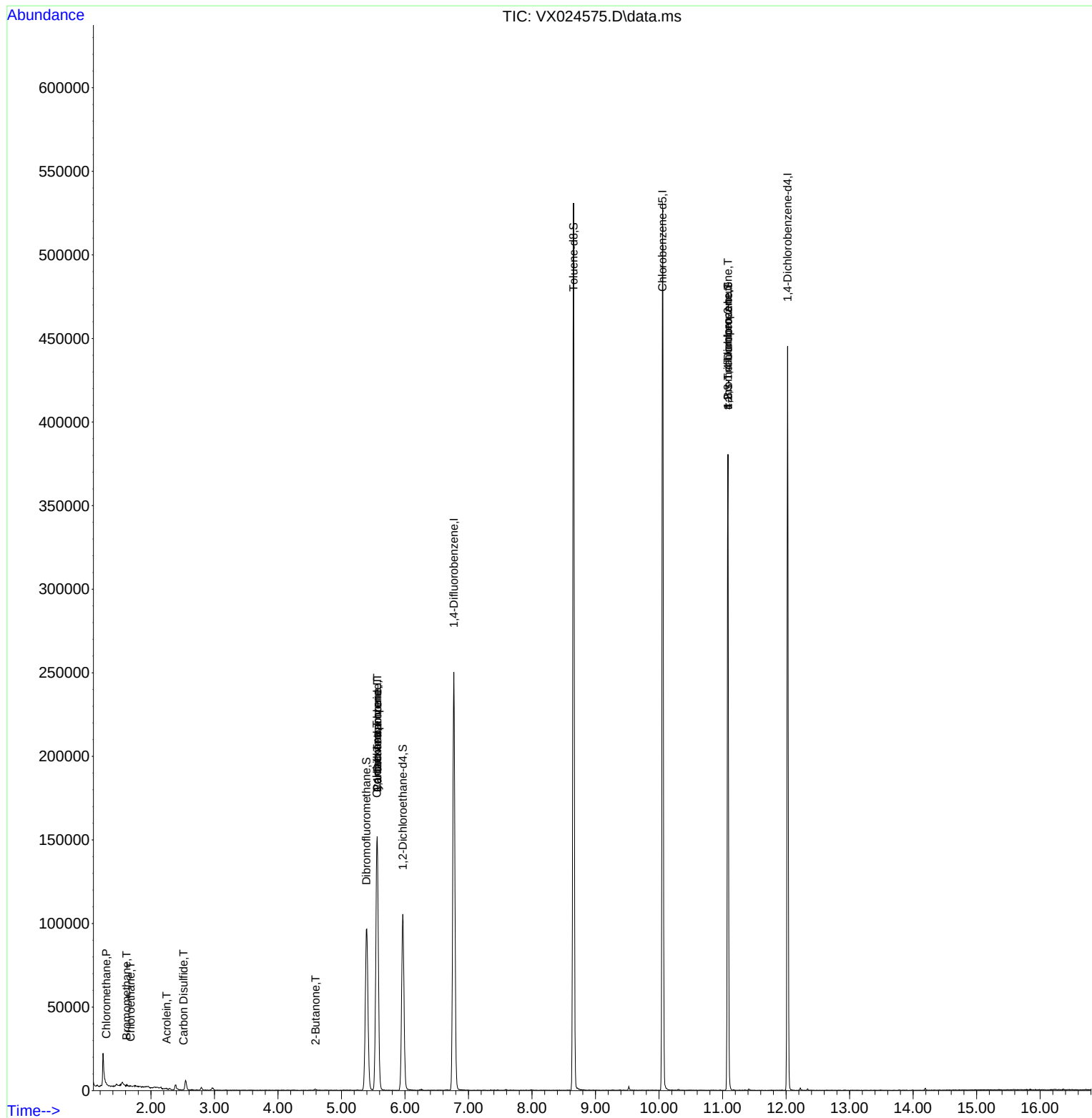
Internal Standards						
1) Pentafluorobenzene	5.562	168	144315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104248	51.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.500%
35) Dibromofluoromethane	5.391	113	83603	50.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	8.653	98	310759	50.742	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.085	95	95413	39.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.240%#
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	305	0.223	ug/l #	86
5) Bromomethane	1.617	94	292	0.303	ug/l #	61
6) Chloroethane	1.678	64	90	0.352	ug/l #	82
11) Tert butyl alcohol	2.965	59	1421	Below Cal	#	84
13) Acrolein	2.245	56	173	11.567	ug/l #	31
16) Acetone	2.386	43	3619	Below Cal	#	84
17) Carbon Disulfide	2.514	76	258	0.303	ug/l #	75
20) Methylene Chloride	2.794	84	706	Below Cal	#	87
25) 2-Butanone	4.593	43	464	0.331	ug/l #	45
31) Cyclohexane	5.556	56	2697	1.107	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11198	4.663	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14420	5.517	ug/l #	14
76) 1,2,3-Trichloropropane	11.085	75	51963	25.554	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51963	69.643	ug/l #	12

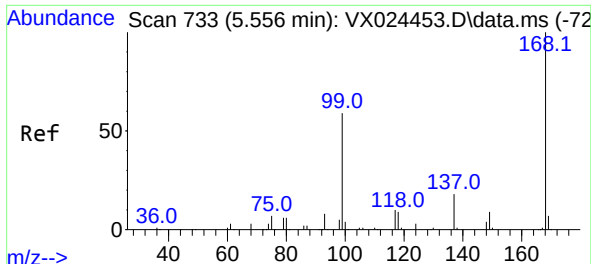
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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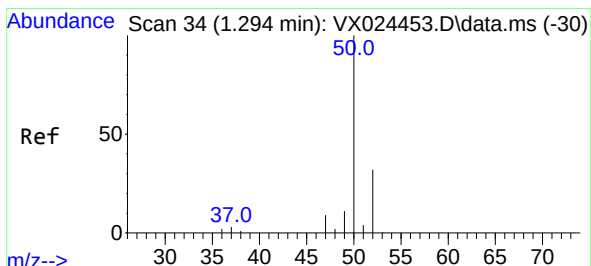
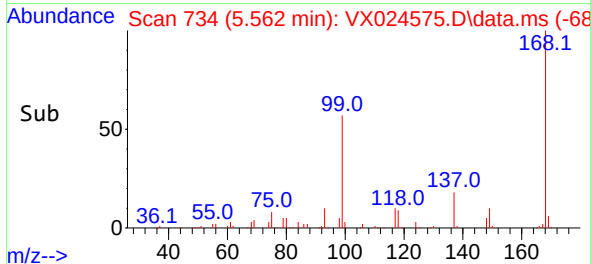
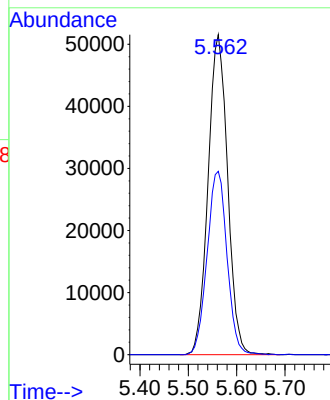
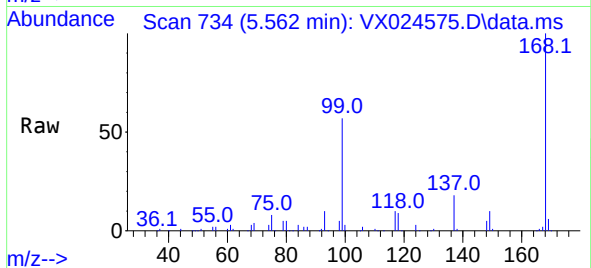




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

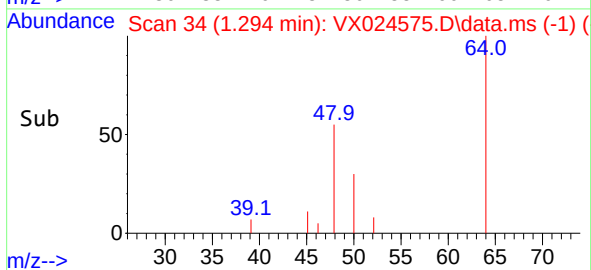
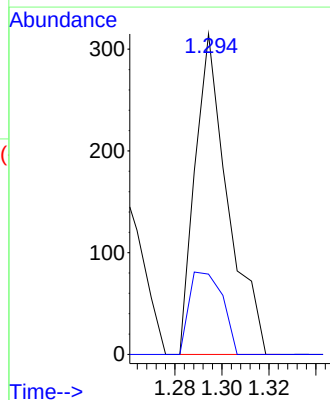
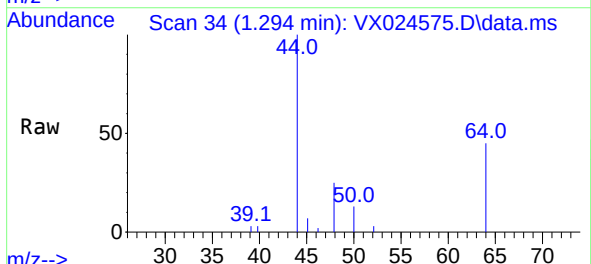
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

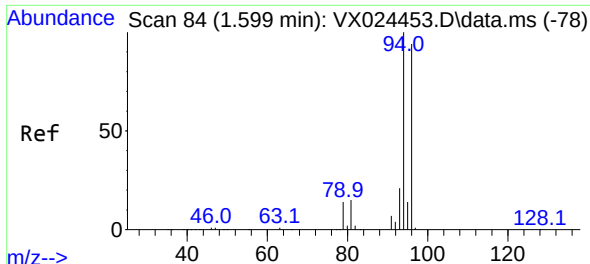
Tgt Ion:168 Resp: 144315
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#

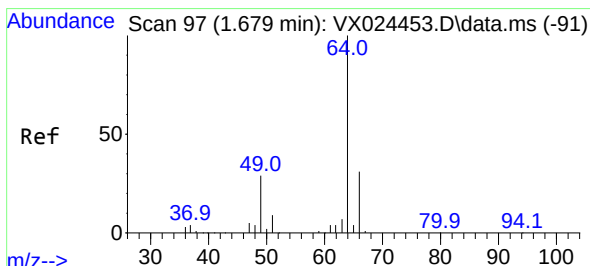
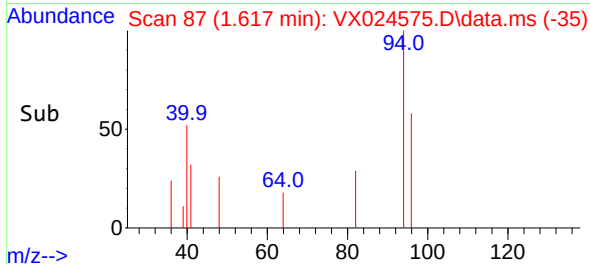
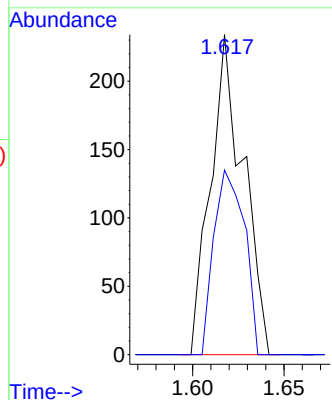
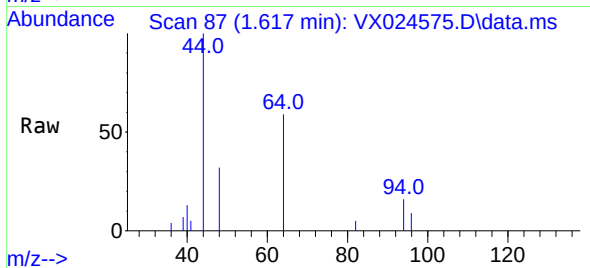




#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

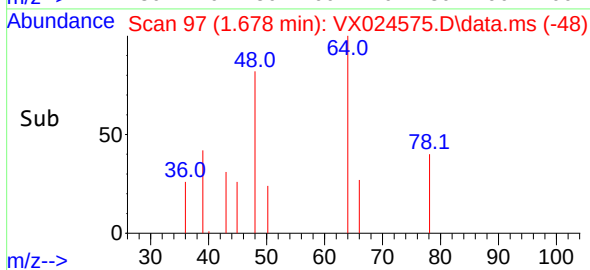
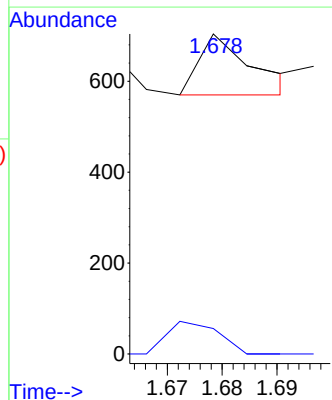
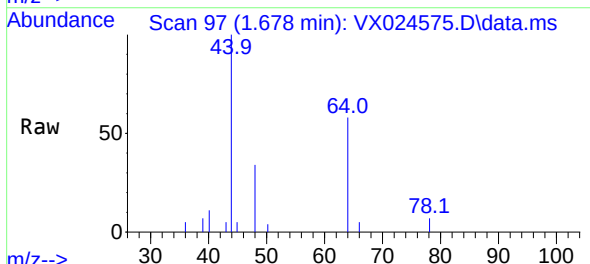
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

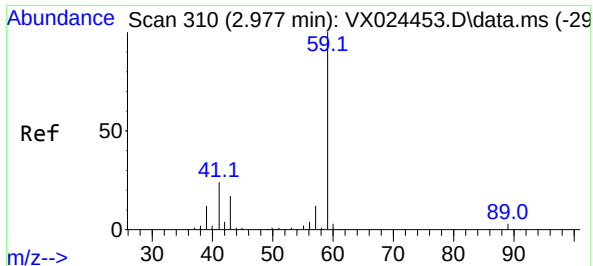
Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 57.7 76.4 114.6#



#6
Chloroethane
Concen: 0.352 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion: 64 Resp: 90
Ion Ratio Lower Upper
64 100
66 41.8 25.4 38.0#



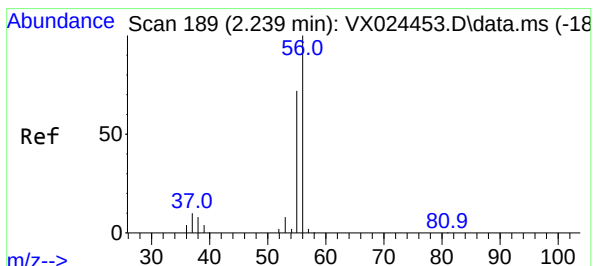
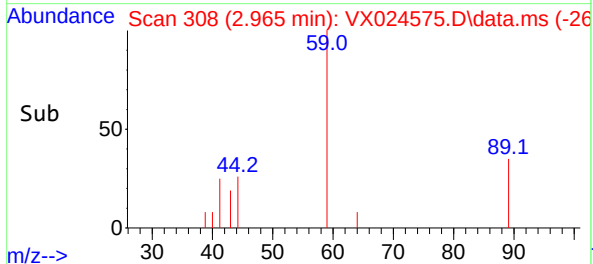
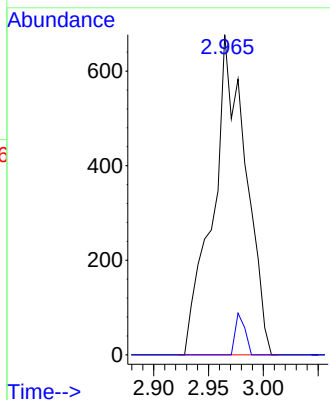
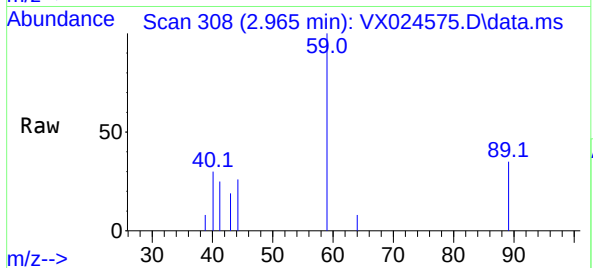


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

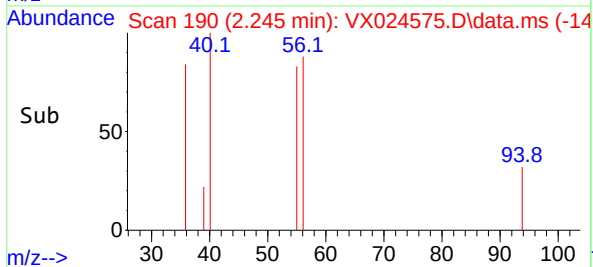
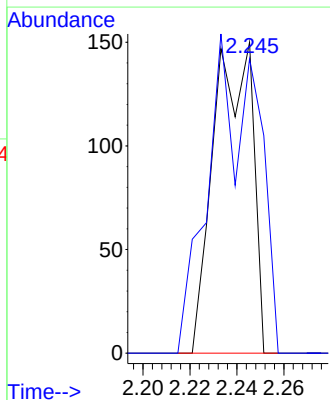
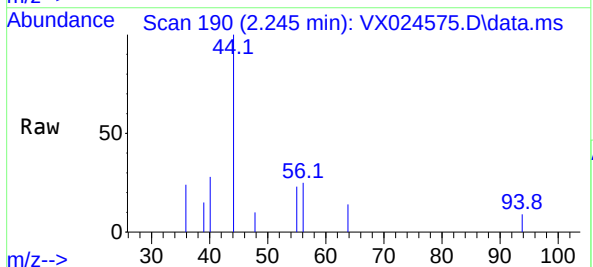
Tgt Ion: 59 Resp: 1421
Ion Ratio Lower Upper
59 100
57 3.7 7.8 11.8#

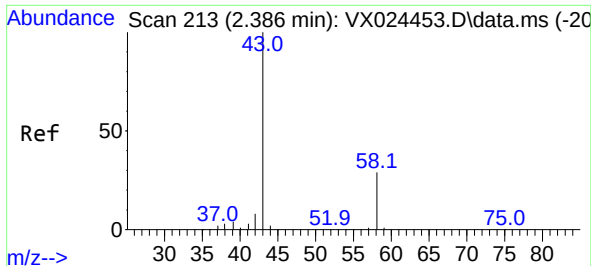


#13

Acrolein
Concen: 11.567 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 127.2 56.4 84.6#

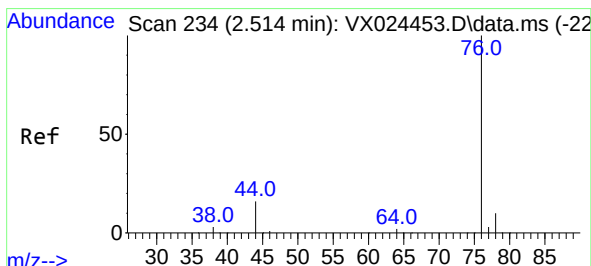
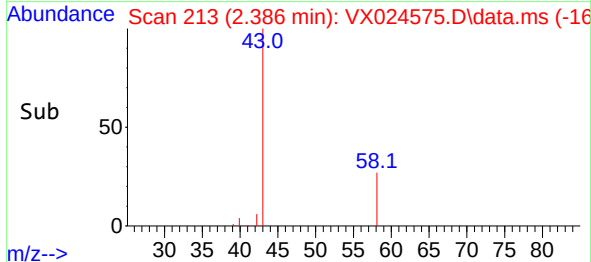
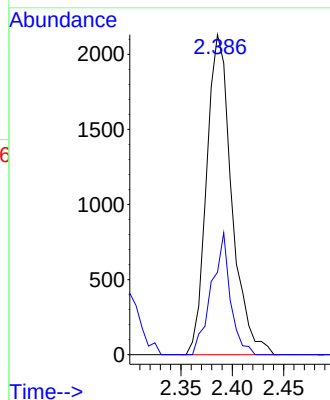
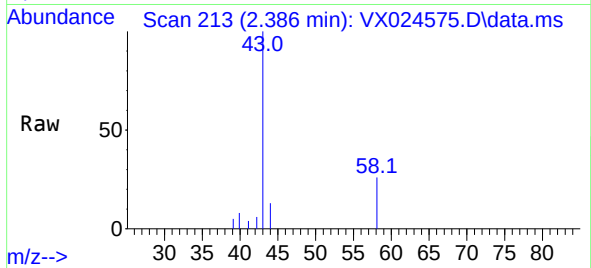




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

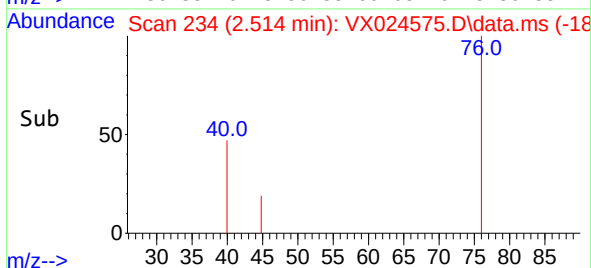
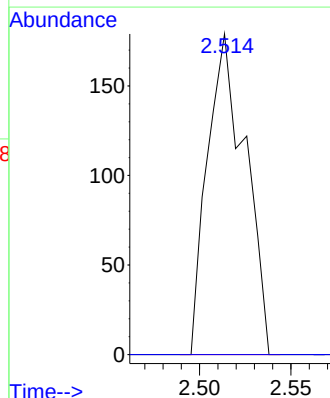
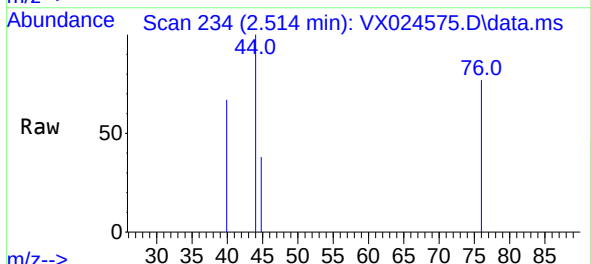
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

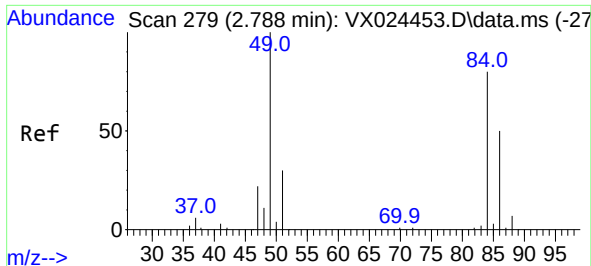
Tgt Ion: 43 Resp: 3619
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.303 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion: 76 Resp: 258
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: VX024575.D

Acq: 05 Oct 2021 16:49

Tgt Ion: 84 Resp: 706

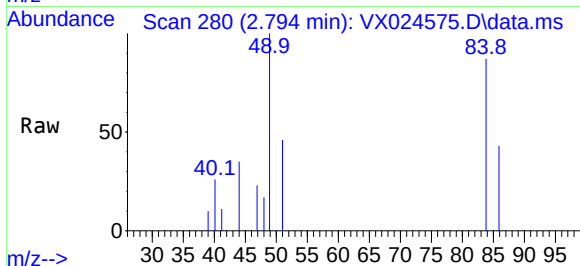
Ion Ratio Lower Upper

84 100

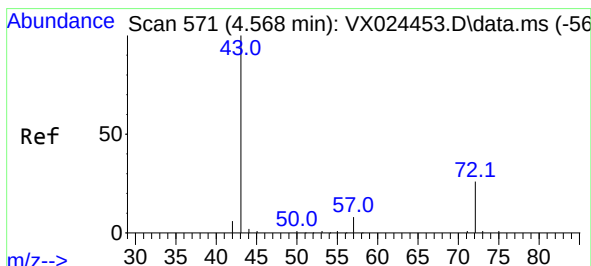
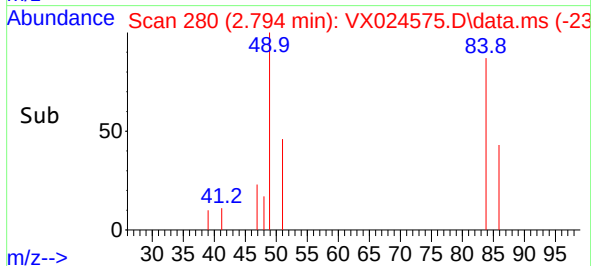
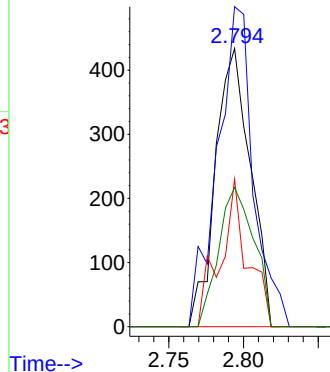
49 115.0 88.6 132.8

51 53.0 27.0 40.6#

86 50.0 50.3 75.5#



Abundance



#25

2-Butanone

Concen: 0.331 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX024575.D

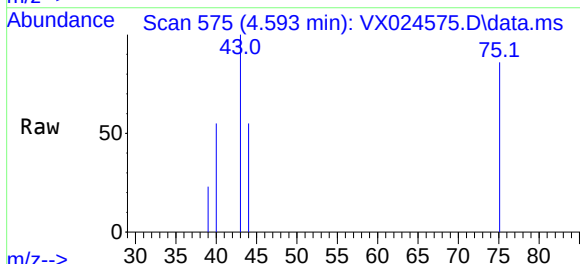
Acq: 05 Oct 2021 16:49

Tgt Ion: 43 Resp: 464

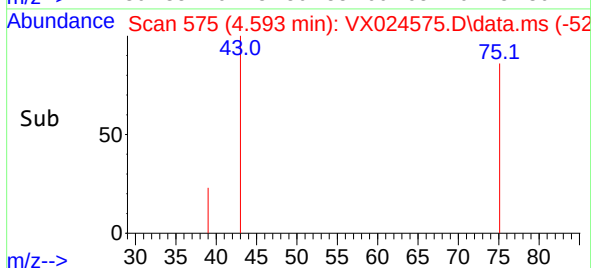
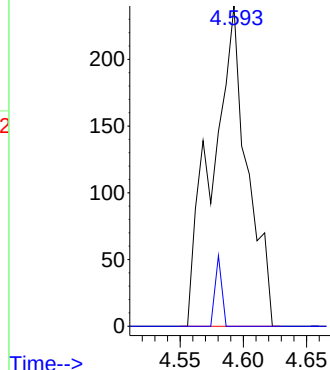
Ion Ratio Lower Upper

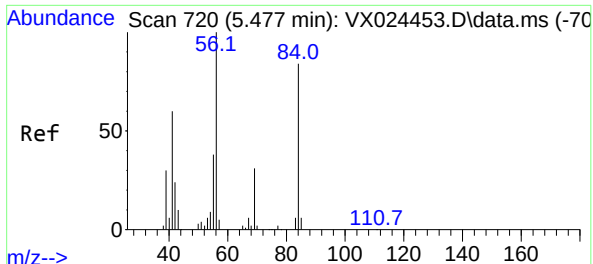
43 100

72 0.0 23.7 35.5#



Abundance

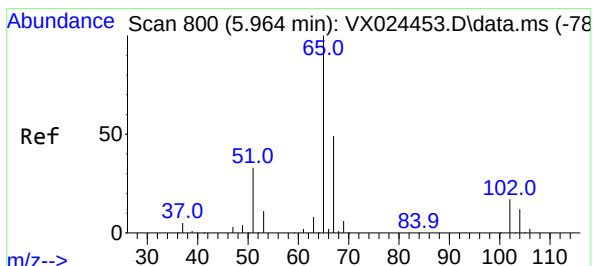
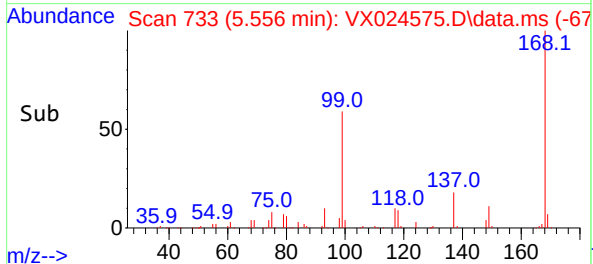
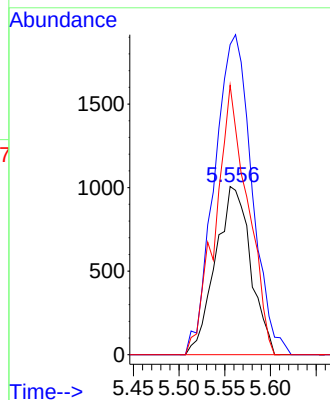
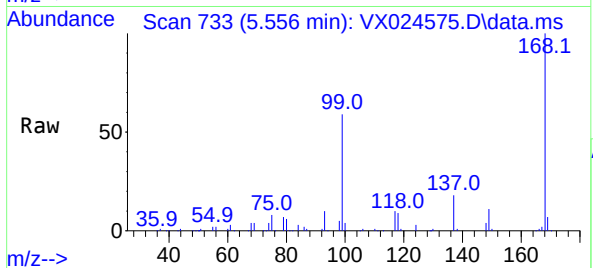




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

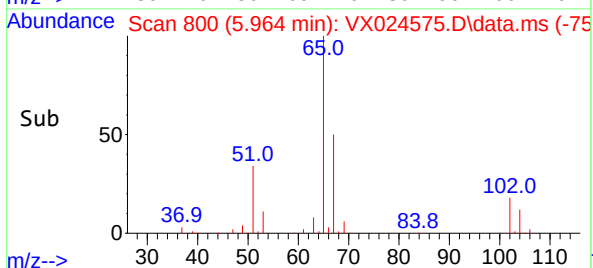
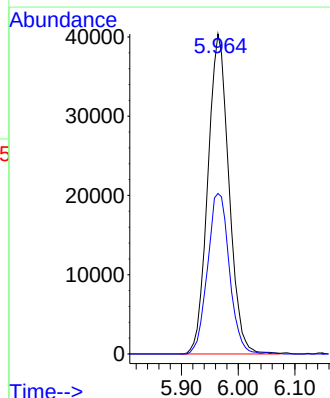
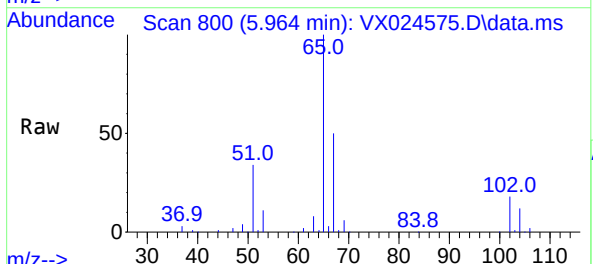
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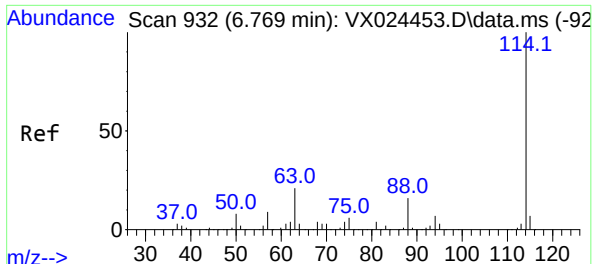
Tgt Ion: 56 Resp: 2697
Ion Ratio Lower Upper
56 100
69 184.3 25.3 37.9#
84 160.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.254 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion: 65 Resp: 104248
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

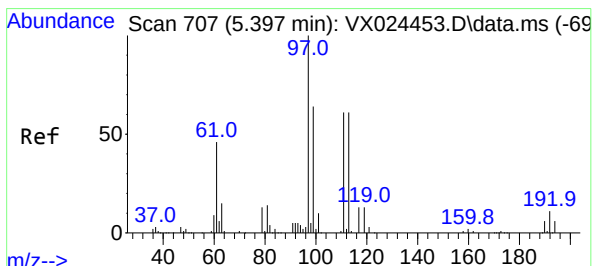
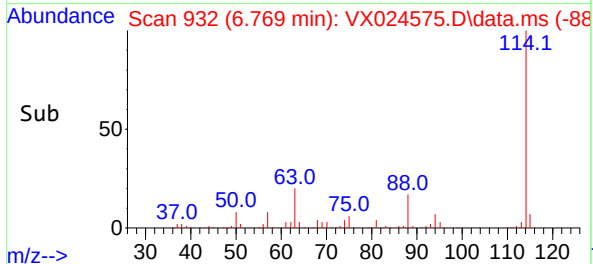
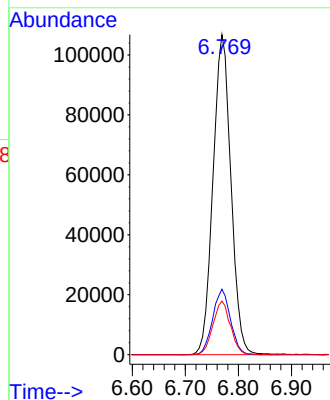
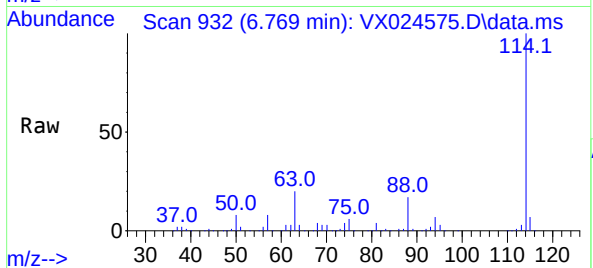




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

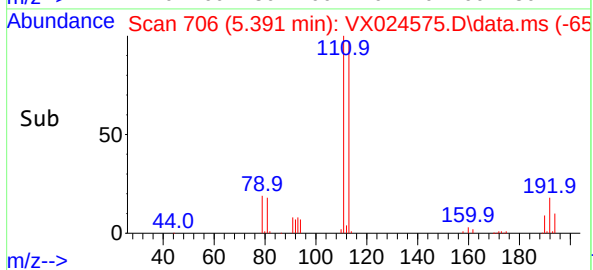
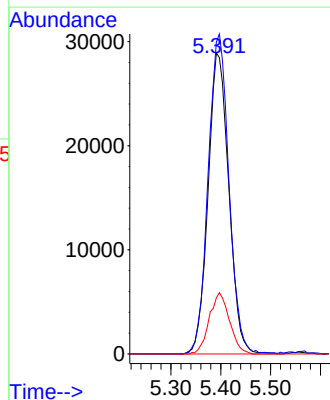
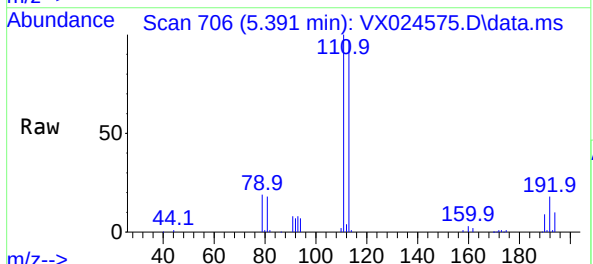
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

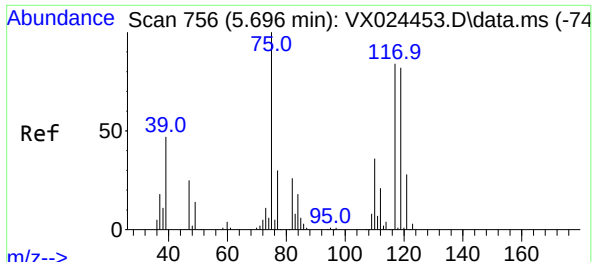
Tgt Ion:114 Resp: 250477
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.243 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion:113 Resp: 83603
Ion Ratio Lower Upper
113 100
111 106.3 81.9 122.9
192 19.8 16.7 25.1



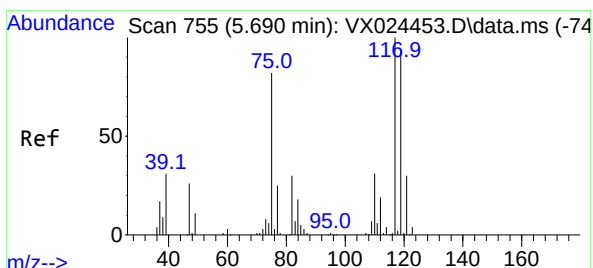
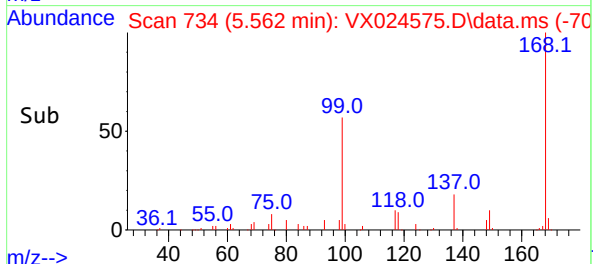
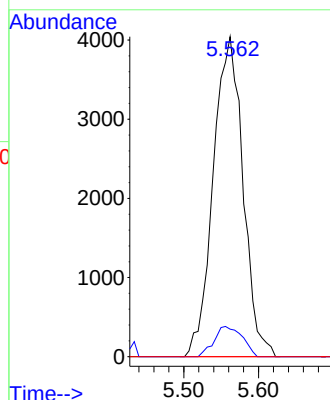
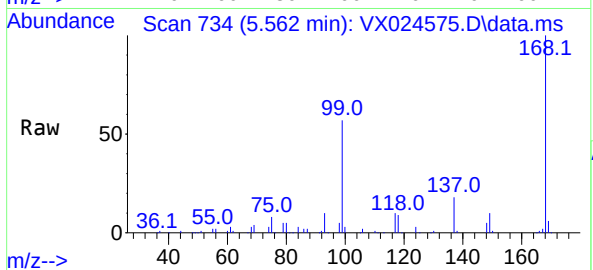


#36

1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

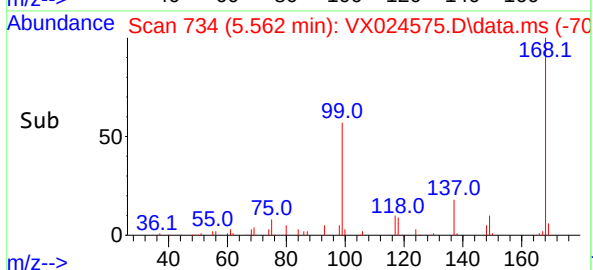
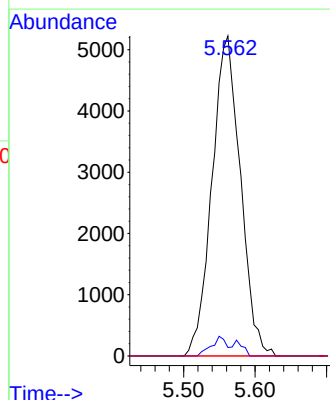
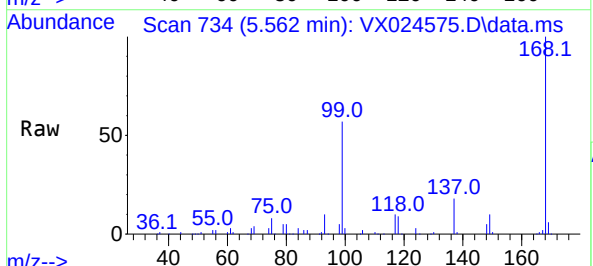
Tgt Ion: 75 Resp: 11198
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#

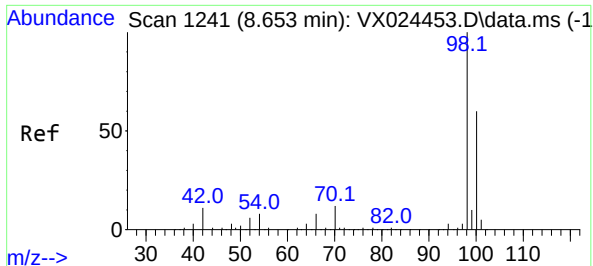


#38

Carbon Tetrachloride
Concen: 5.517 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion:117 Resp: 14420
Ion Ratio Lower Upper
117 100
119 2.6 76.2 114.2#
121 0.0 24.8 37.2#

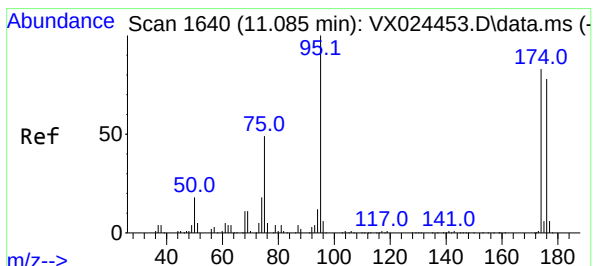
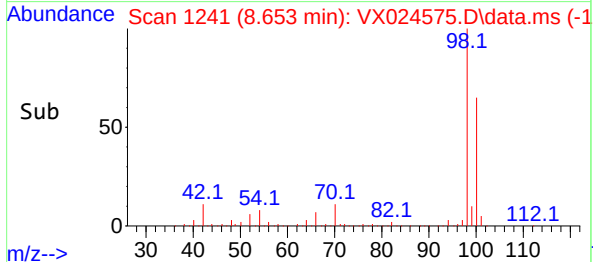
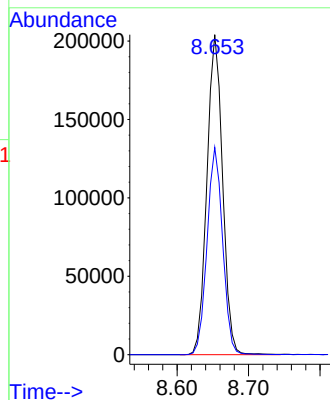
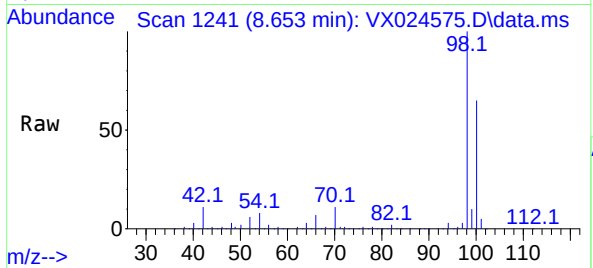




#50
Toluene-d8
Concen: 50.742 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

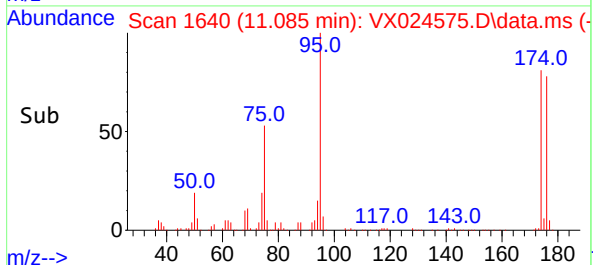
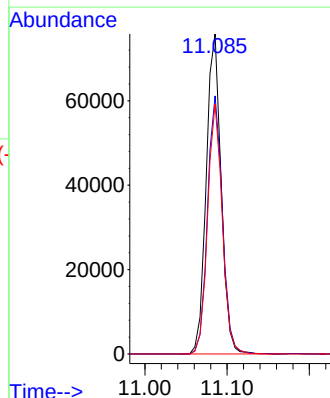
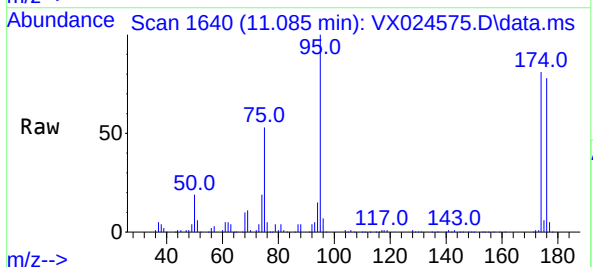
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

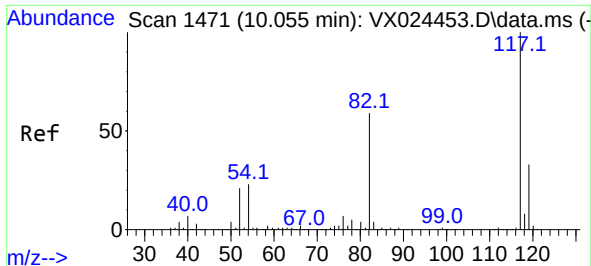
Tgt Ion: 98 Resp: 310759
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.624 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion: 95 Resp: 95413
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 76.7 0.0 155.8

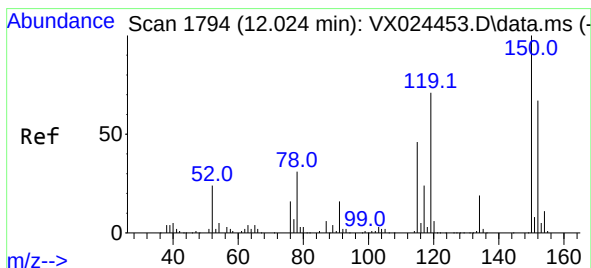
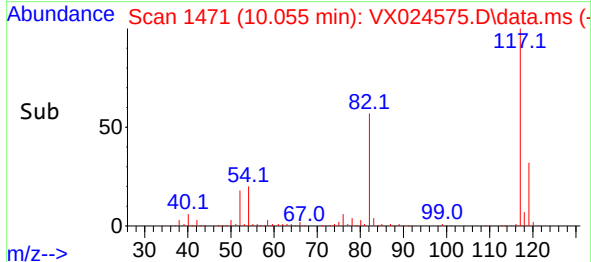
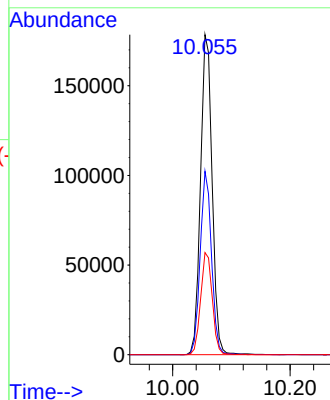
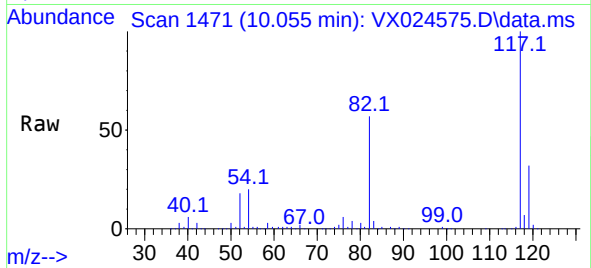




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

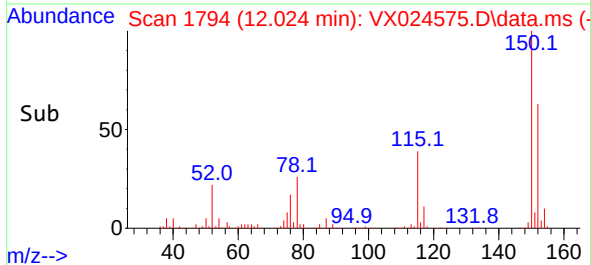
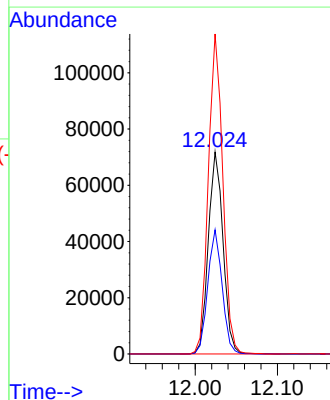
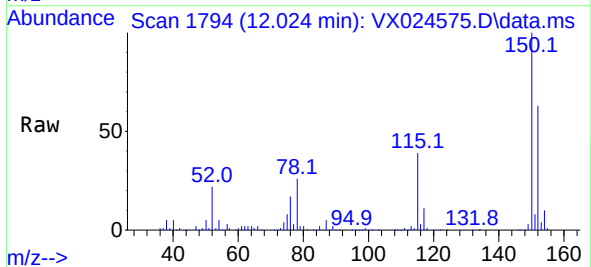
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

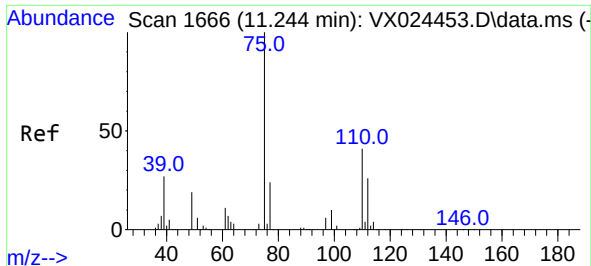
Tgt Ion:117 Resp: 245218
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion:152 Resp: 89541
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 155.9 0.0 349.0

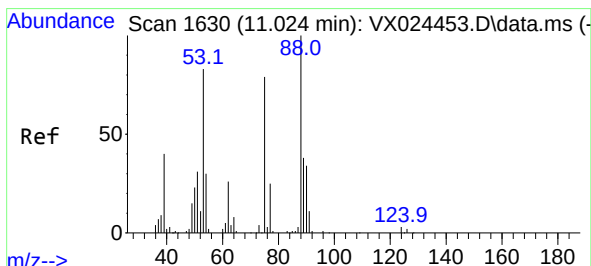
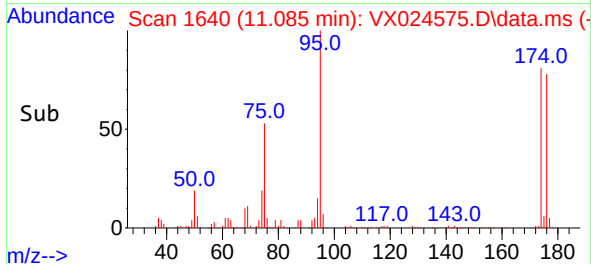
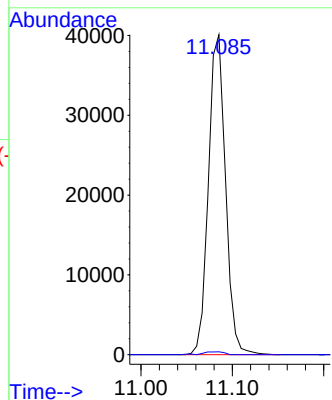
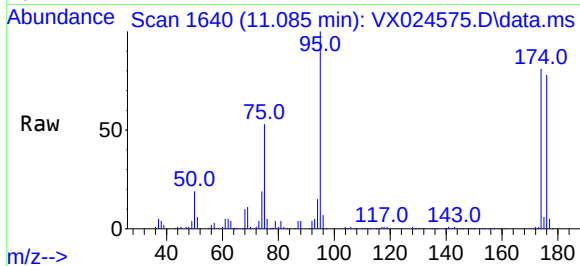




#76
1,2,3-Trichloropropane
Concen: 25.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

Tgt Ion: 75 Resp: 51963
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.643 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024575.D
Acq: 05 Oct 2021 16:49

Tgt Ion: 75 Resp: 51963
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

