

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024584.D
 Acq On : 05 Oct 2021 20:21
 Operator : JC/MD
 Sample : M4080-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 06 06:51:04 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)

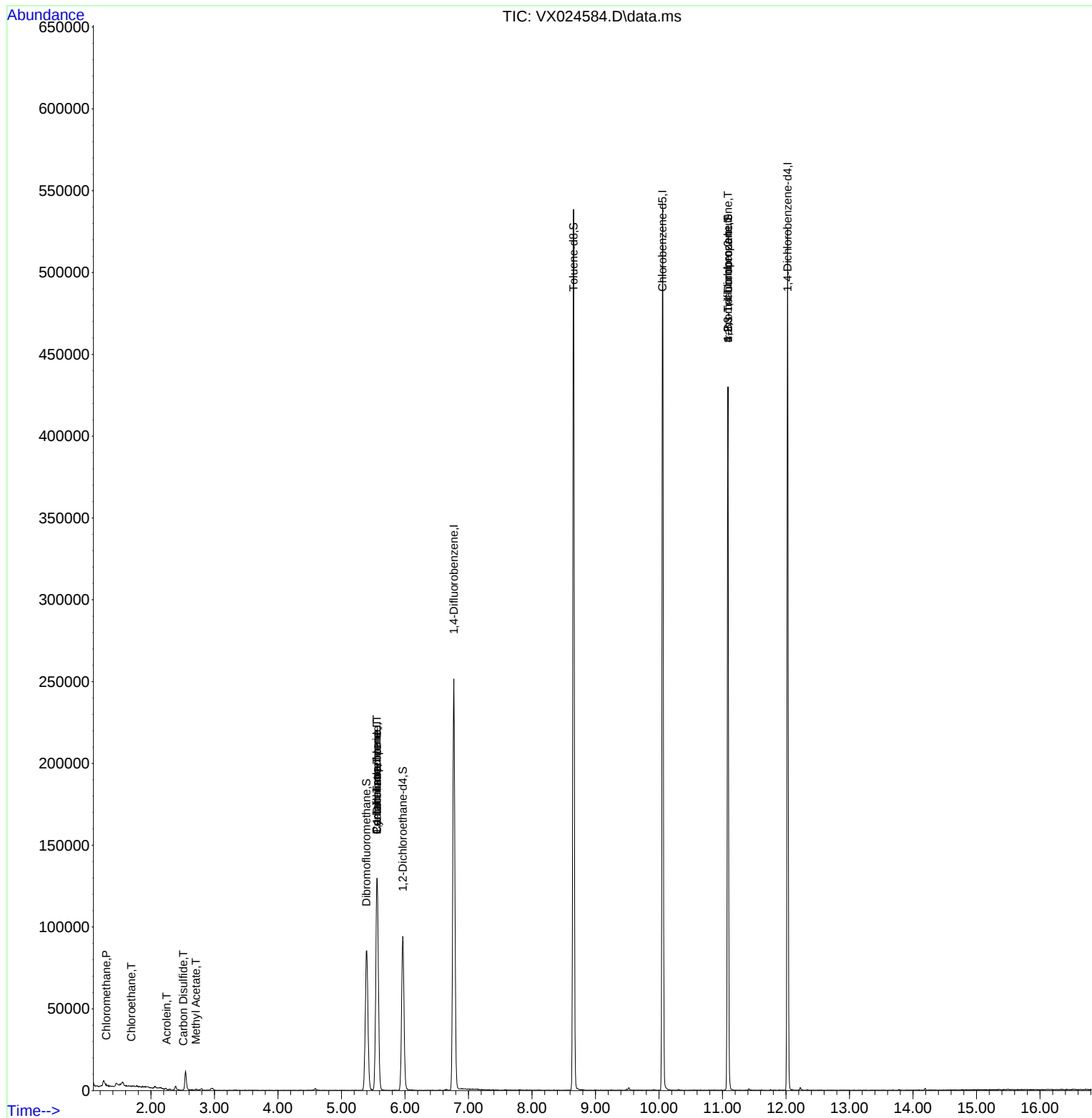
Internal Standards						
1) Pentafluorobenzene	5.556	168	123079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96299	55.515	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.040%	
35) Dibromofluoromethane	5.391	113	73408	43.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 87.880%	
50) Toluene-d8	8.653	98	313752	51.024	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	11.085	95	115322	47.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	254	0.218	ug/l #	42
6) Chloroethane	1.691	64	358	0.696	ug/l #	43
11) Tert butyl alcohol	2.971	59	1455	Below Cal	#	87
13) Acrolein	2.246	56	185	11.950	ug/l #	79
16) Acetone	2.386	43	2713	Below Cal		93
17) Carbon Disulfide	2.508	76	124	0.270	ug/l #	75
18) Methyl Acetate	2.709	43	1172	0.451	ug/l #	78
20) Methylene Chloride	2.800	84	461	Below Cal	#	84
31) Cyclohexane	5.556	56	2835	1.365	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	9249	3.836	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12232	4.661	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	58260	23.803	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58260	65.001	ug/l #	12

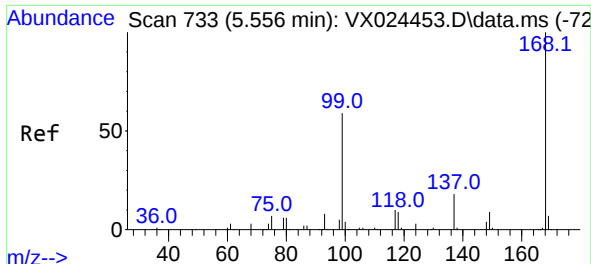
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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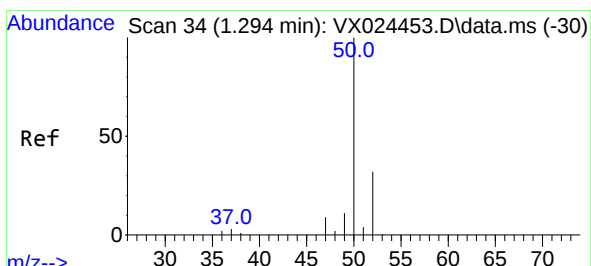
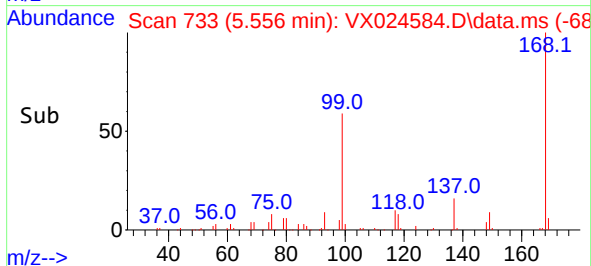
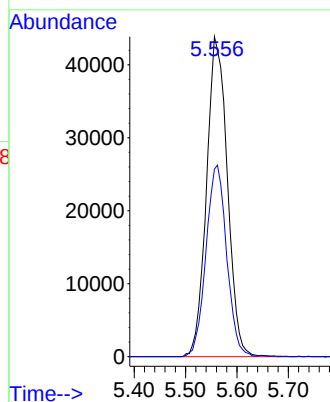
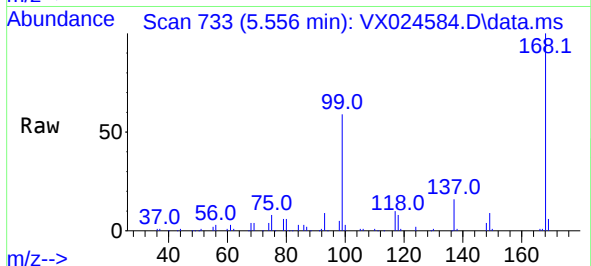




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

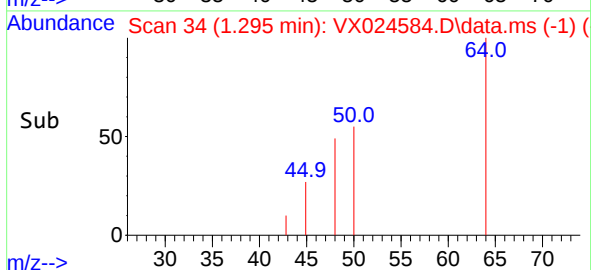
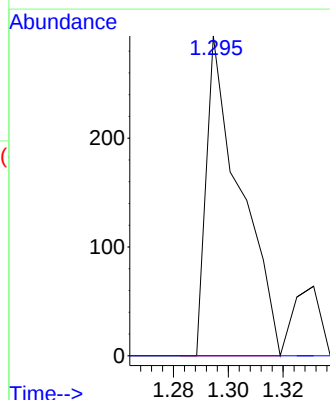
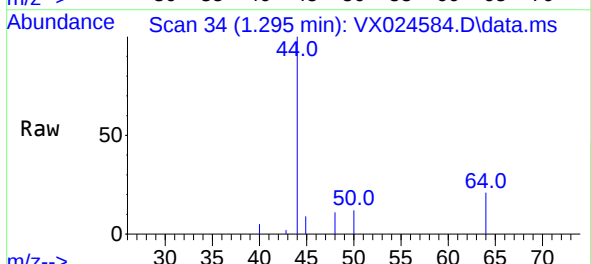
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

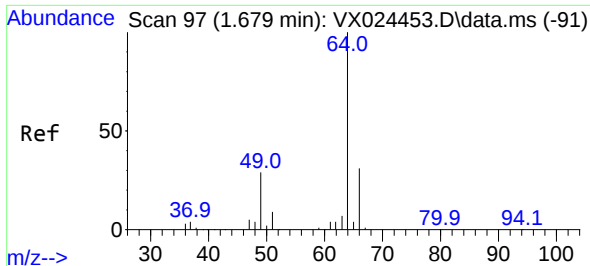
Tgt Ion:168 Resp: 123079
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Tgt Ion: 50 Resp: 254
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

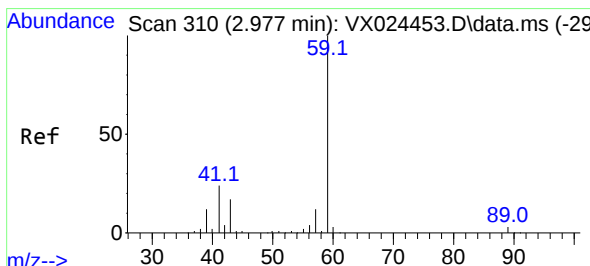
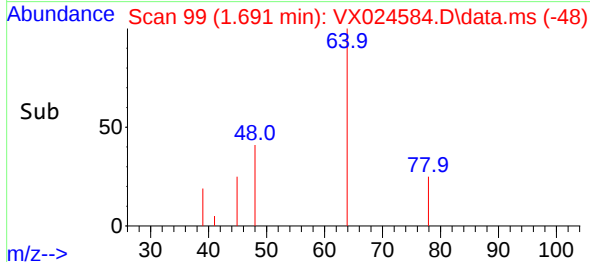
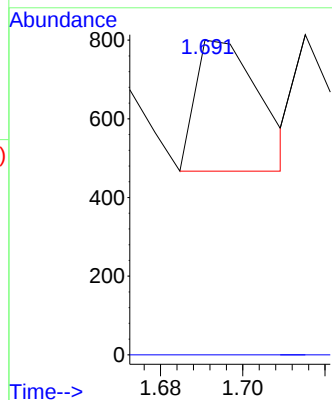
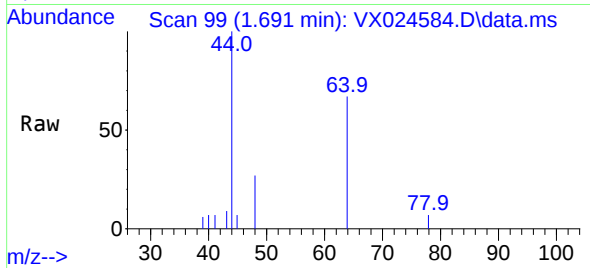




#6
Chloroethane
Concen: 0.696 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

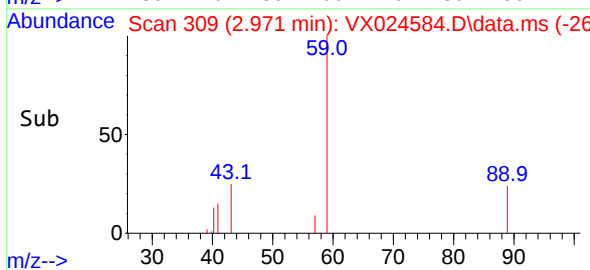
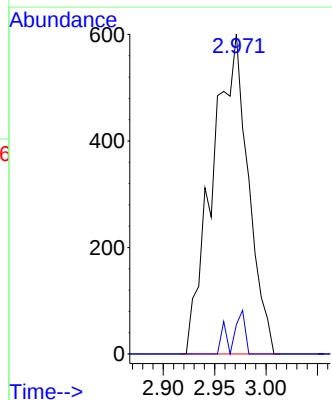
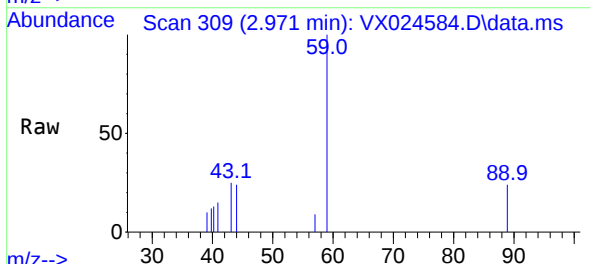
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

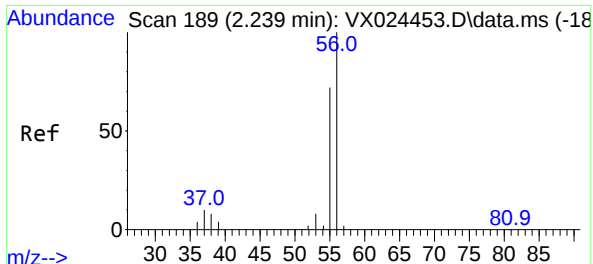
Tgt Ion: 64 Resp: 358
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Tgt Ion: 59 Resp: 1455
Ion Ratio Lower Upper
59 100
57 4.9 7.8 11.8#

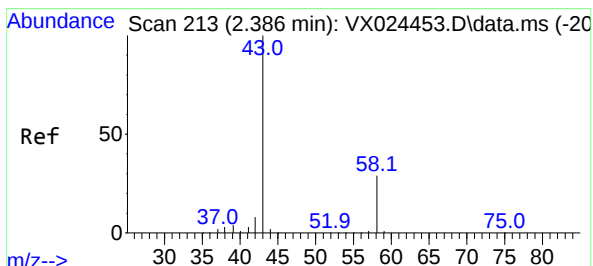
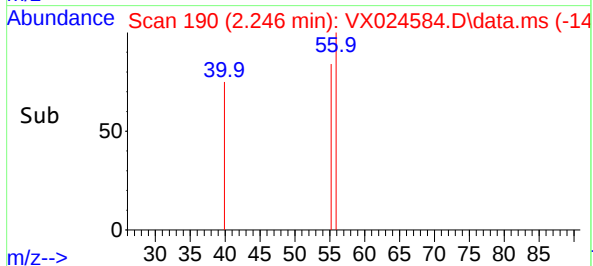
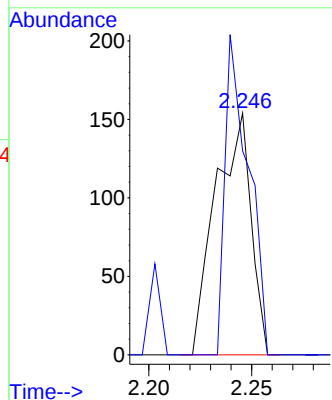
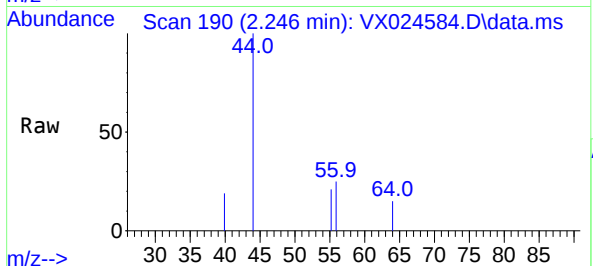




#13
Acrolein
Concen: 11.950 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

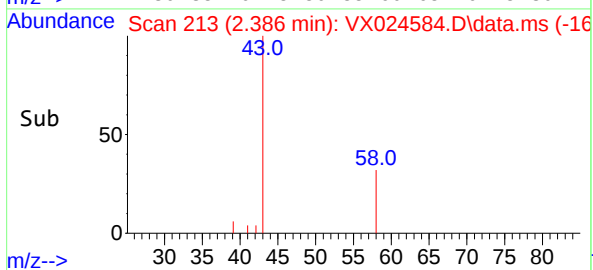
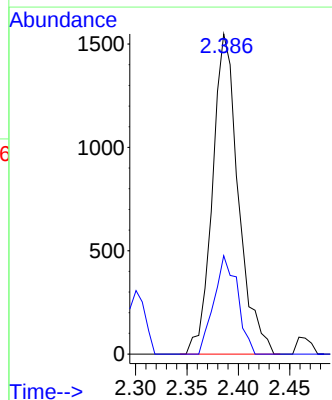
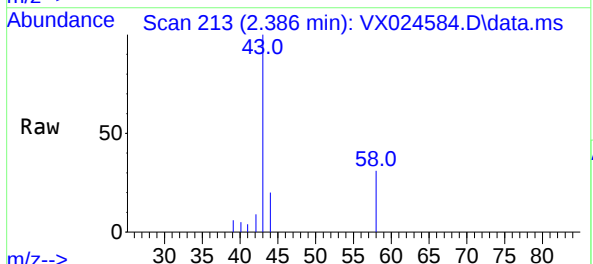
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

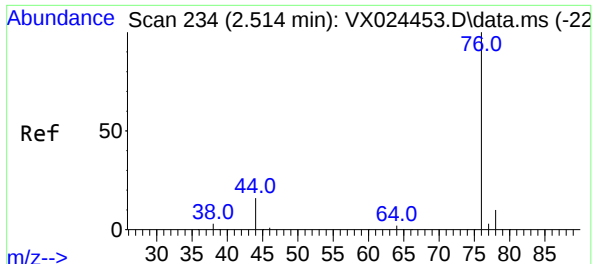
Tgt Ion: 56 Resp: 185
Ion Ratio Lower Upper
56 100
55 87.6 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8

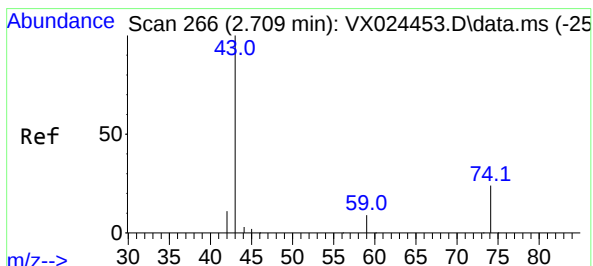
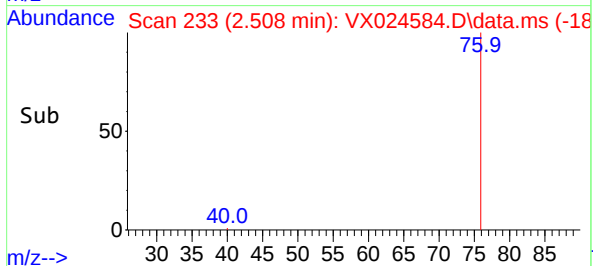
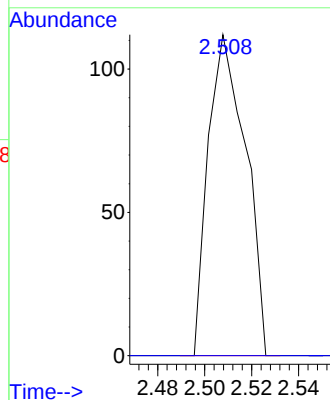
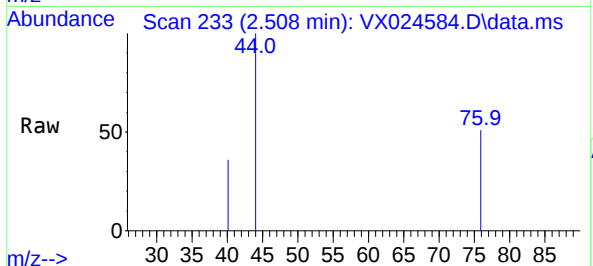




#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

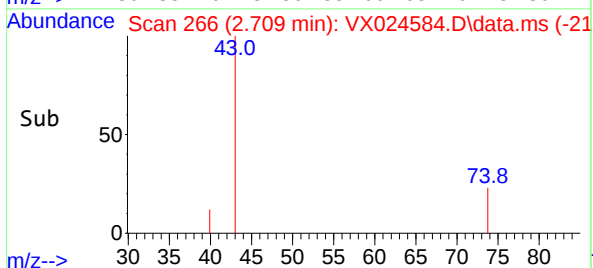
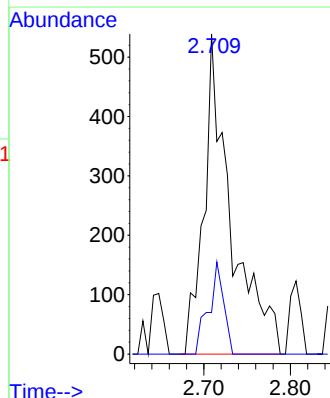
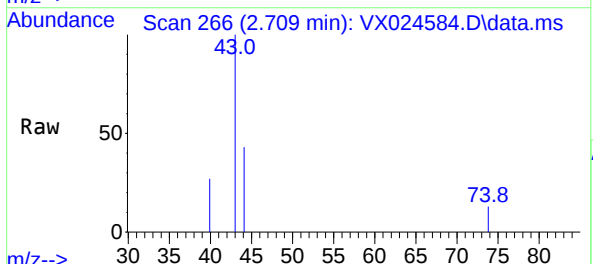
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

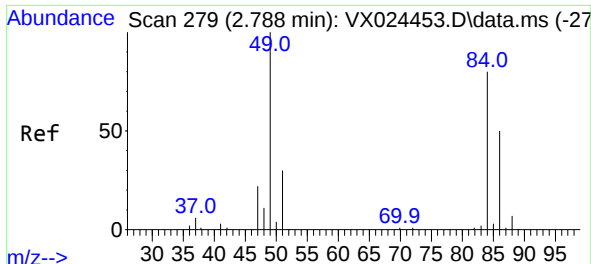
Tgt Ion: 76 Resp: 124
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.451 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
74 16.0 21.9 32.9#



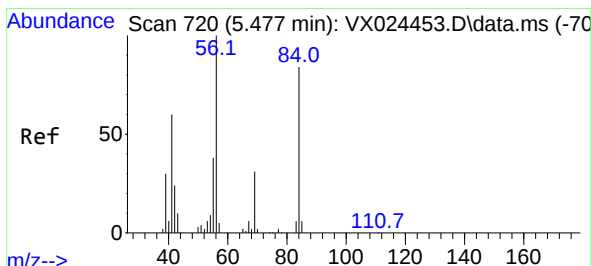
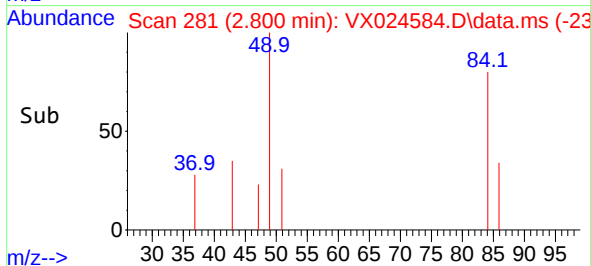
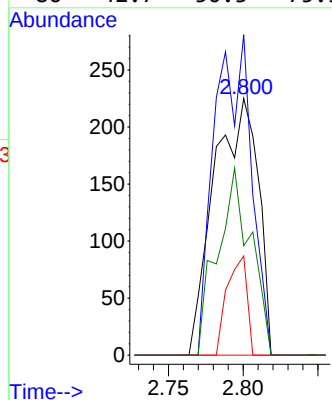
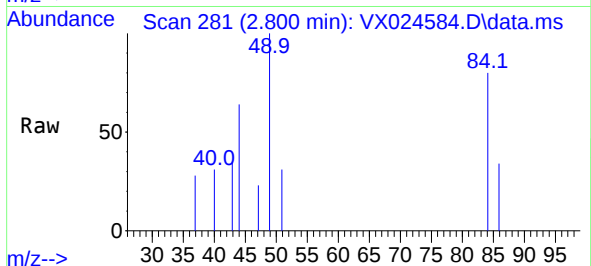


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Instrument :
MSVOA_X
ClientSampleID :
P287-DITCH

Tgt Ion: 84 Resp: 461

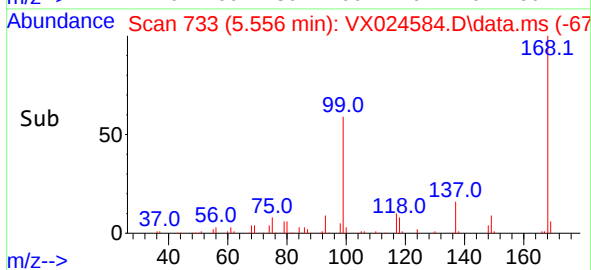
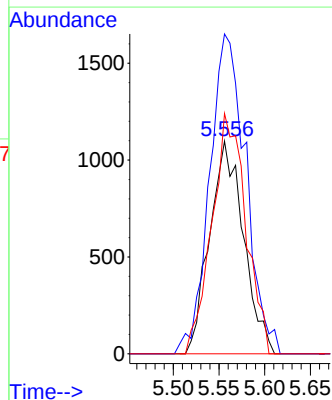
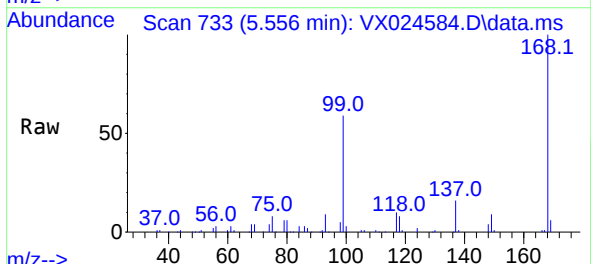
Ion	Ratio	Lower	Upper
84	100		
49	124.9	88.6	132.8
51	38.7	27.0	40.6
86	42.7	50.3	75.5#

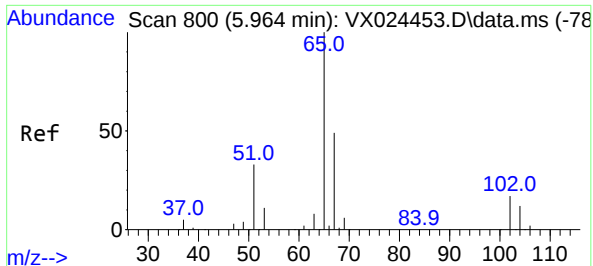


#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Tgt Ion: 56 Resp: 2835

Ion	Ratio	Lower	Upper
56	100		
69	150.4	25.3	37.9#
84	113.0	71.4	107.0#



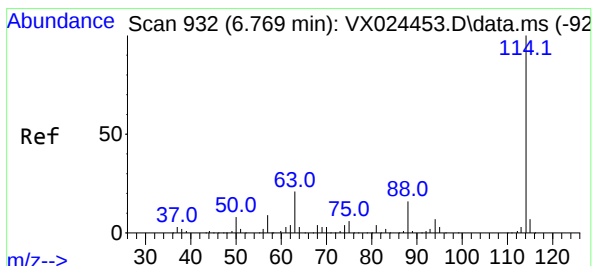
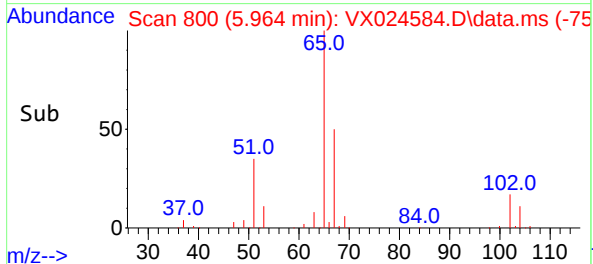
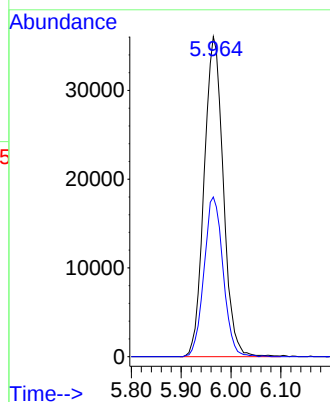
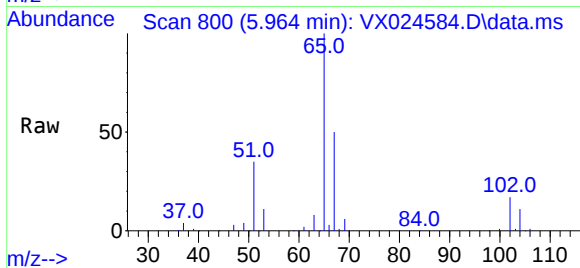


#33

1,2-Dichloroethane-d4
Concen: 55.515 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

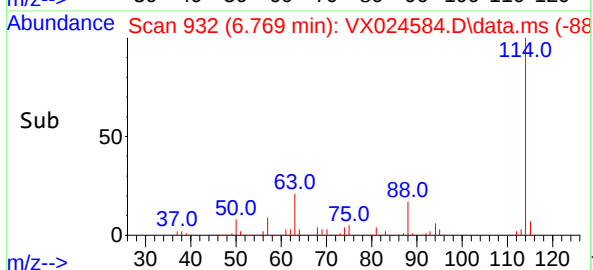
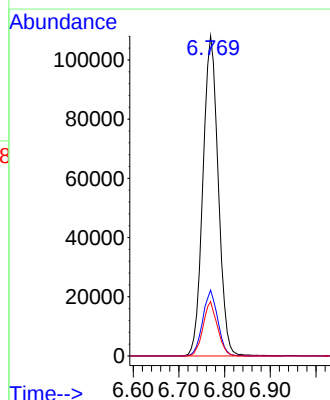
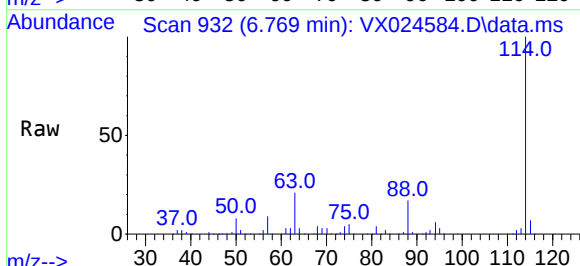
Tgt Ion: 65 Resp: 96299
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

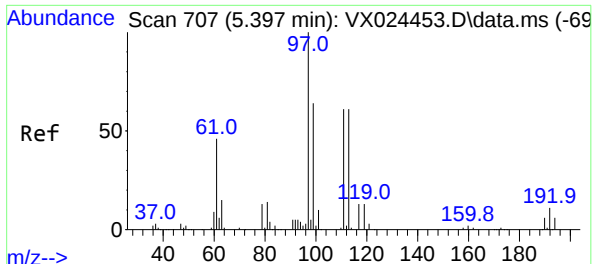


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Tgt Ion: 114 Resp: 251491
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 17.0 0.0 32.8

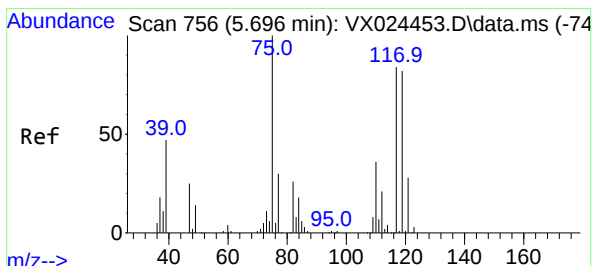
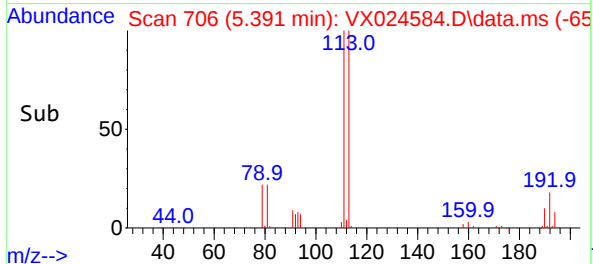
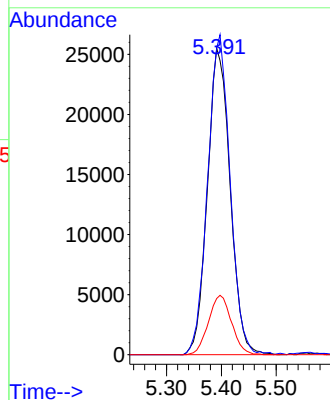
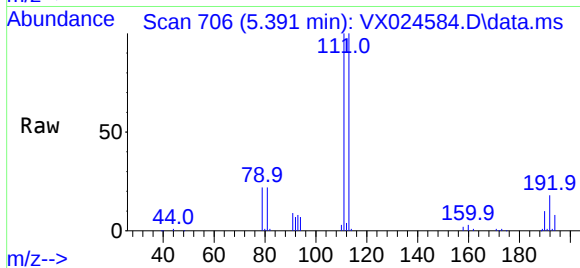




#35
Dibromofluoromethane
Concen: 43.938 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

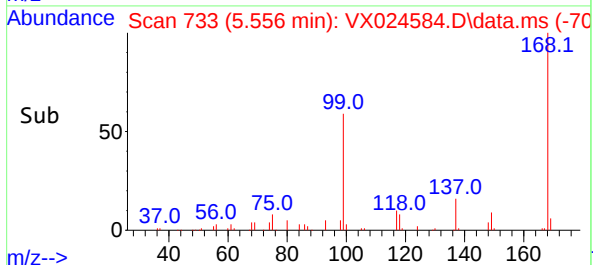
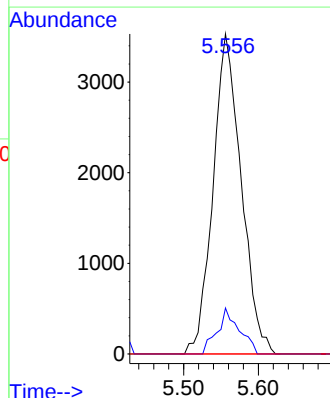
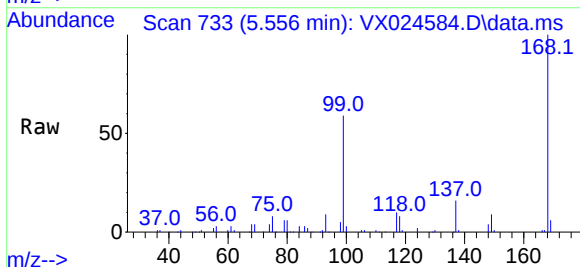
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

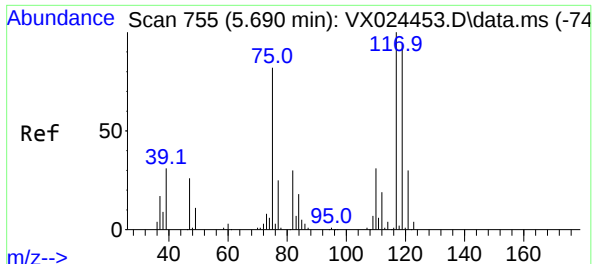
Tgt Ion:113 Resp: 73408
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 3.836 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

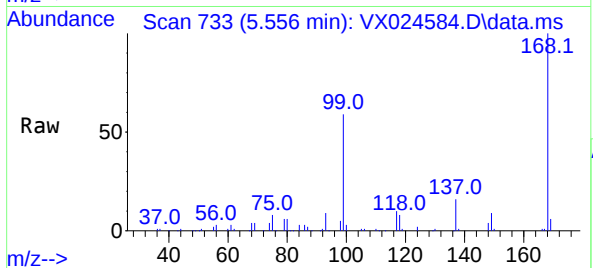
Tgt Ion: 75 Resp: 9249
Ion Ratio Lower Upper
75 100
110 11.2 18.1 54.4#
77 0.0 25.3 37.9#



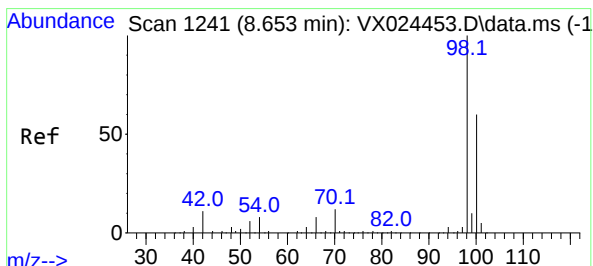
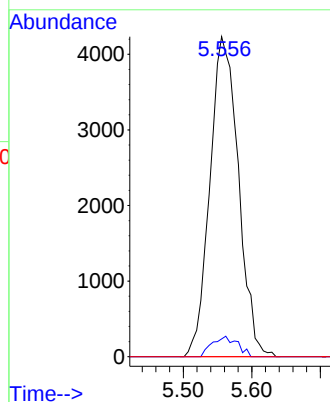
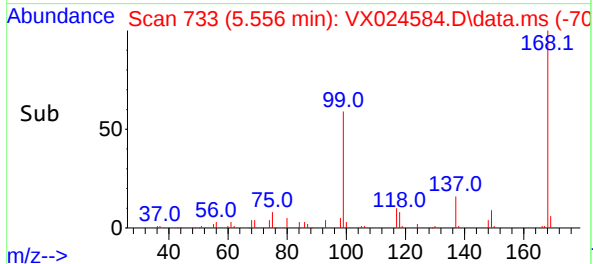


#38
Carbon Tetrachloride
Concen: 4.661 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

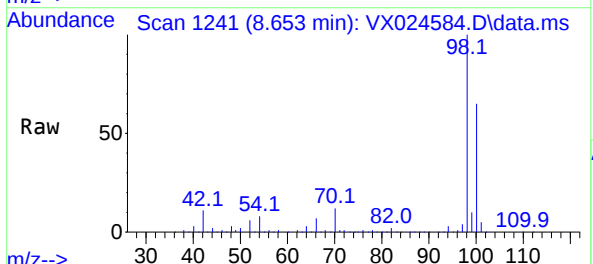
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH



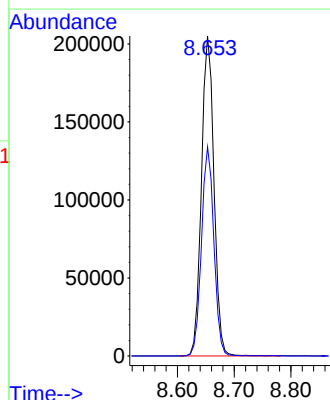
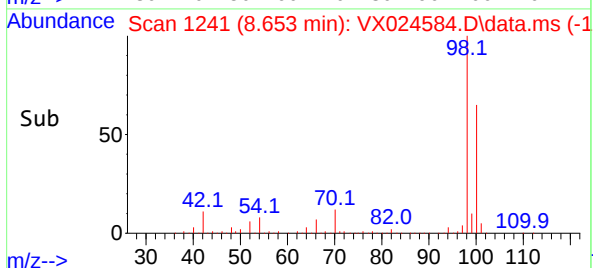
Tgt Ion:117 Resp: 12232
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

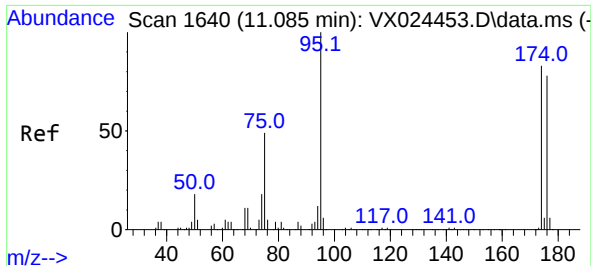


#50
Toluene-d8
Concen: 51.024 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21



Tgt Ion: 98 Resp: 313752
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

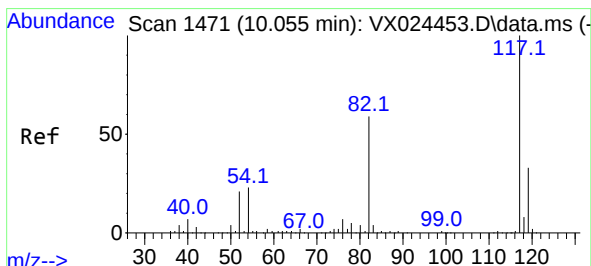
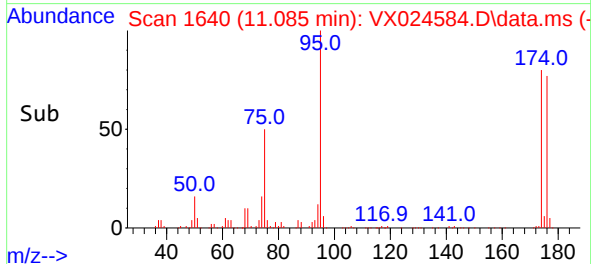
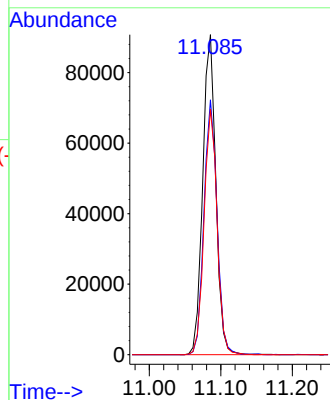
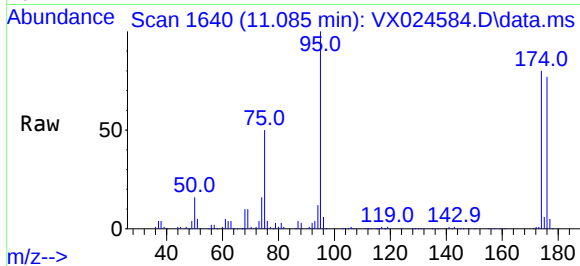




#62
4-Bromofluorobenzene
Concen: 47.699 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

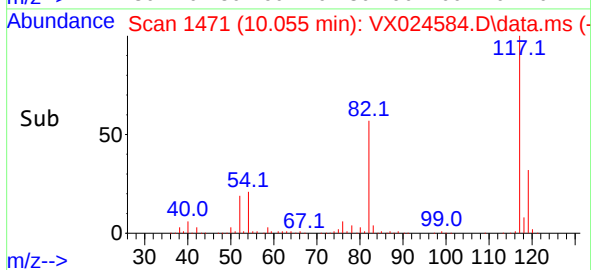
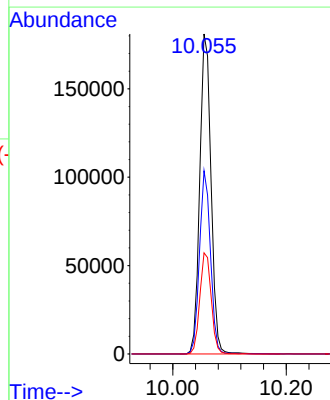
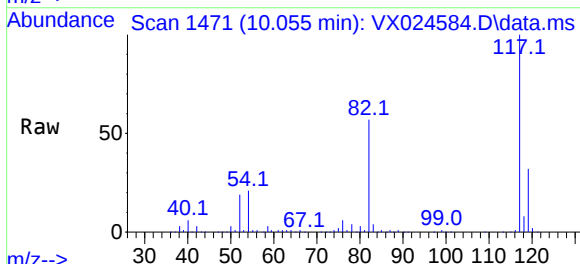
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

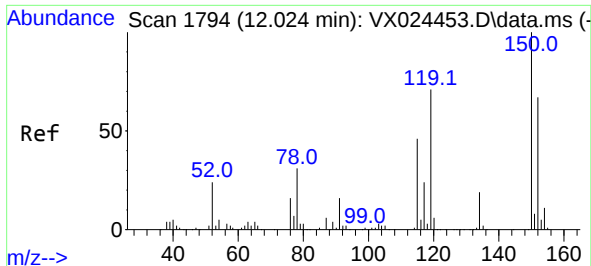
Tgt Ion: 95 Resp: 115322
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

Tgt Ion: 117 Resp: 249089
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.6 26.6 39.8

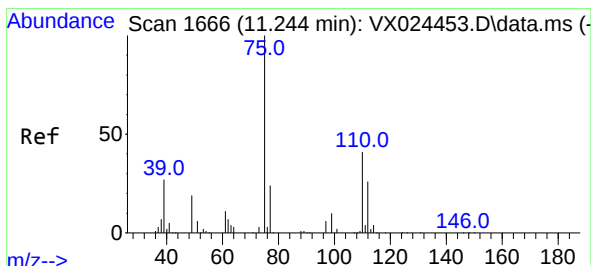
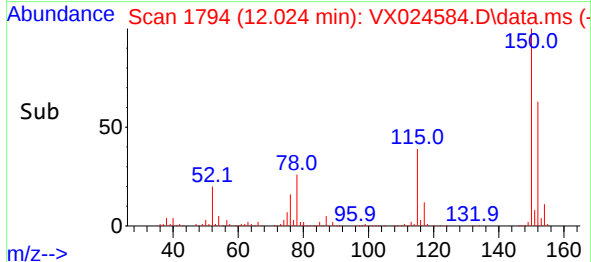
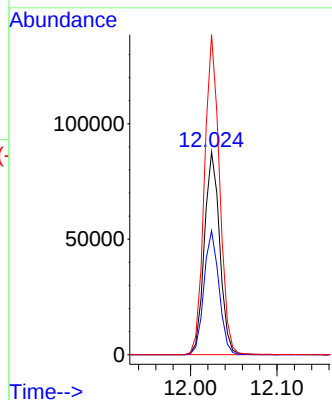
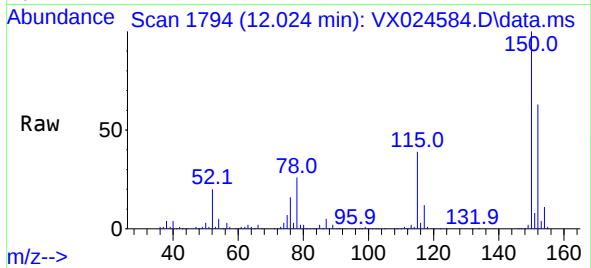




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

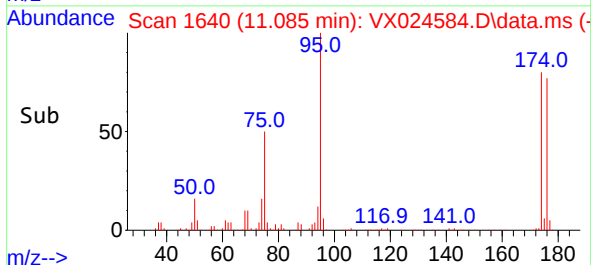
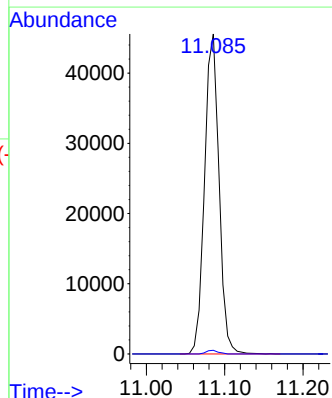
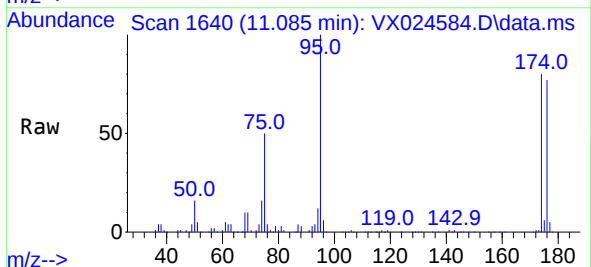
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

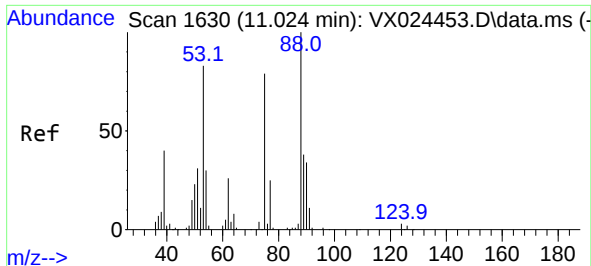
Tgt Ion:152 Resp: 107781
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 155.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.803 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024584.D
Acq: 05 Oct 2021 20:21

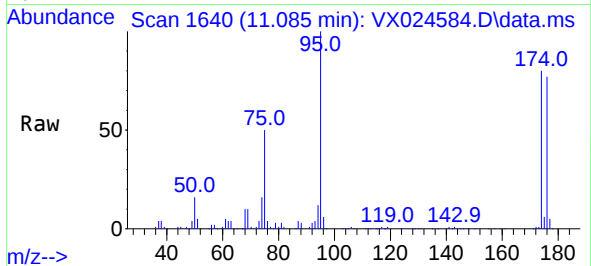
Tgt Ion: 75 Resp: 58260
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.001 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024584.D
 Acq: 05 Oct 2021 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCH



Tgt Ion: 75 Resp: 58260
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

