

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024812.D
 Acq On : 14 Oct 2021 14:31
 Operator : JC/MD
 Sample : M4190-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 14 15:01:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

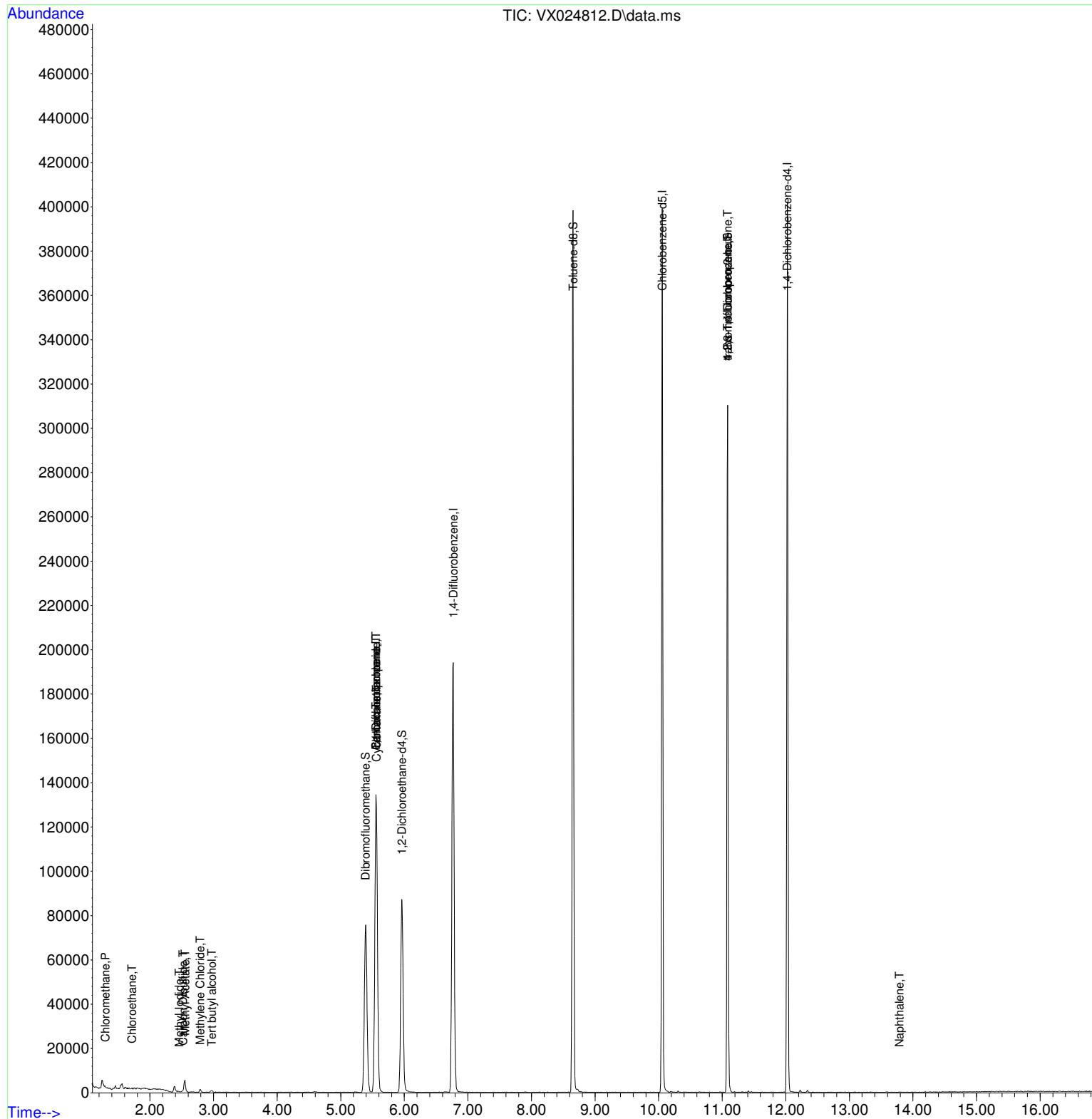
Internal Standards						
1) Pentafluorobenzene	5.556	168	125264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	195114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89504	58.13	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.26%			
35) Dibromofluoromethane	5.391	113	66139	56.94	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.88%			
50) Toluene-d8	8.653	98	236086	54.95	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.90%			
62) 4-Bromofluorobenzene	11.085	95	82580	48.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.74%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	268	0.23	ug/l #	42
5) Bromomethane	1.611	94	393	Below Cal		92
6) Chloroethane	1.715	64	451	0.61	ug/l #	43
10) Methyl Iodide	2.459	142	361	1.15	ug/l #	78
11) Tert butyl alcohol	2.971	59	958	2.95	ug/l #	72
16) Acetone	2.386	43	3019	Below Cal		98
17) Carbon Disulfide	2.520	76	728	0.25	ug/l #	76
18) Methyl Acetate	2.550	43	1623	0.64	ug/l #	52
20) Methylene Chloride	2.788	84	607	0.46	ug/l #	75
31) Cyclohexane	5.562	56	2646	1.29	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	9372	5.43	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13125	6.78	ug/l #	19
59) 2-Hexanone	9.525	43	22	Below Cal	#	25
70) Styrene	10.665	104	149	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.085	75	42819	25.23	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	42819	67.98	ug/l #	9
95) Naphthalene	13.786	128	204	0.29	ug/l #	69

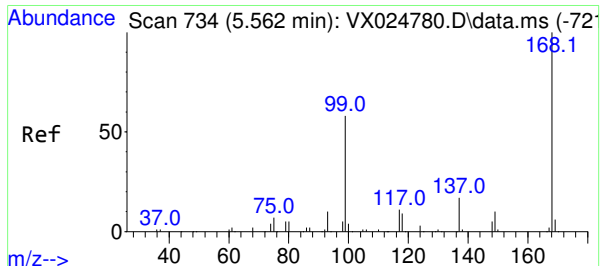
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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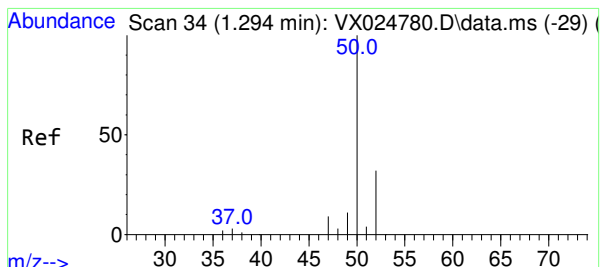
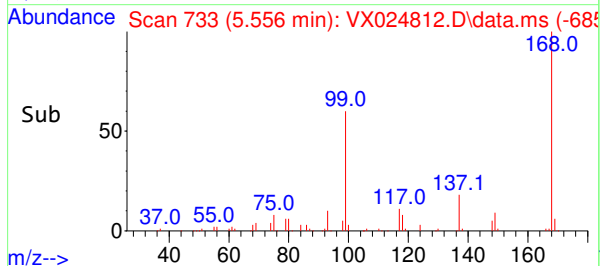
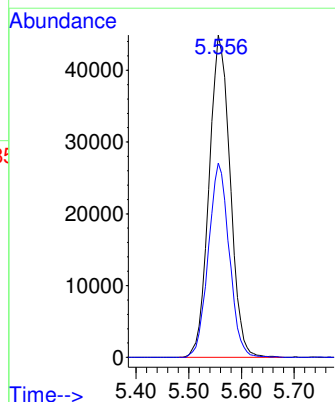
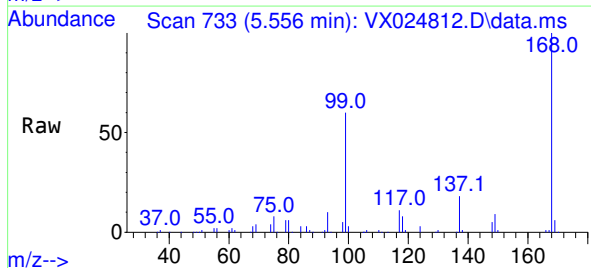




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

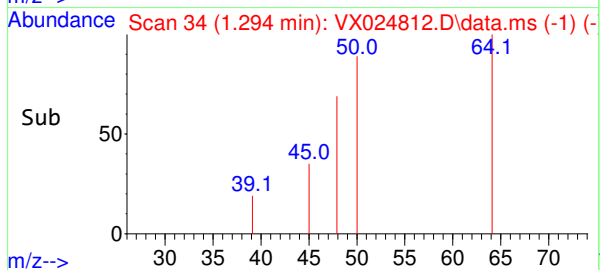
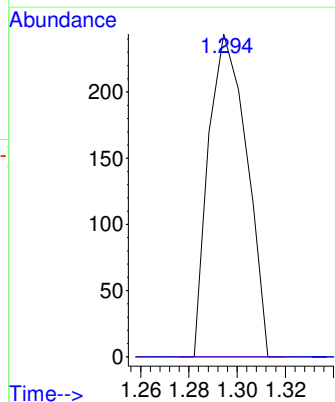
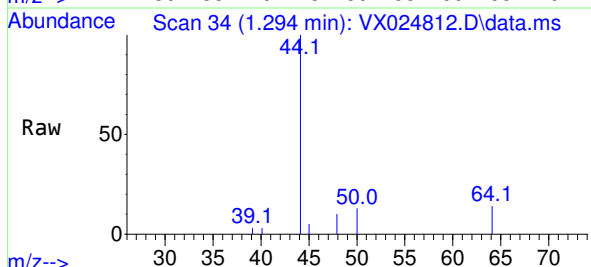
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

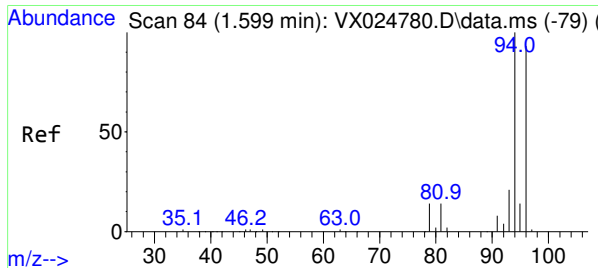
Tgt Ion:168 Resp: 125264
Ion Ratio Lower Upper
168 100
99 60.3 46.4 69.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion: 50 Resp: 268
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

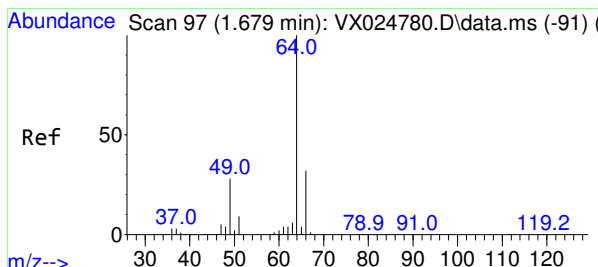
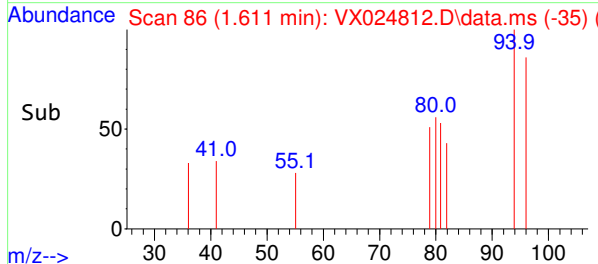
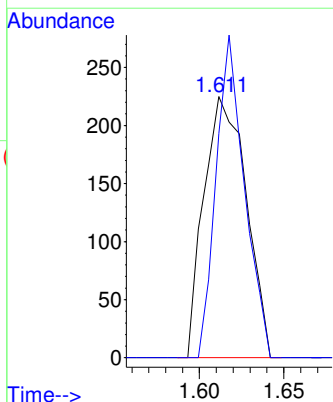
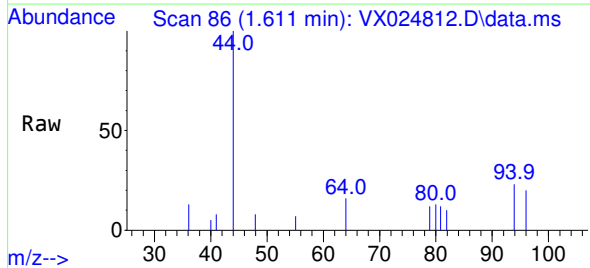




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

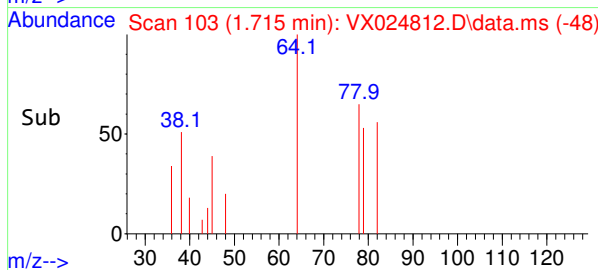
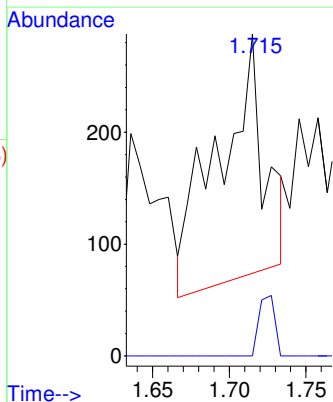
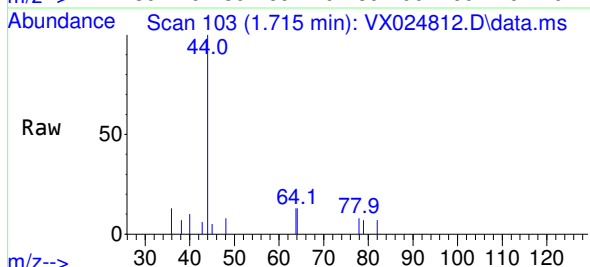
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

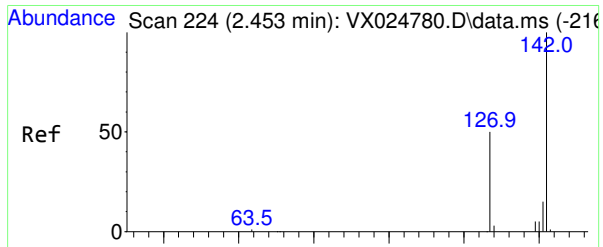
Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 85.8 74.8 112.2



#6
Chloroethane
Concen: 0.61 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.037 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion: 64 Resp: 451
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

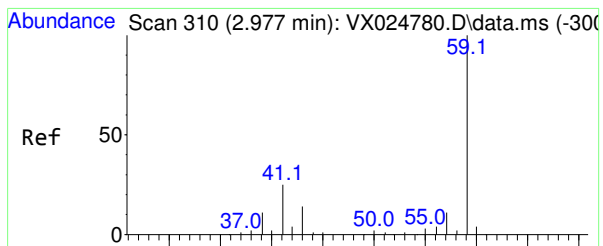
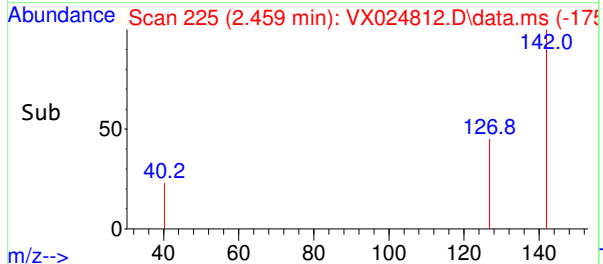
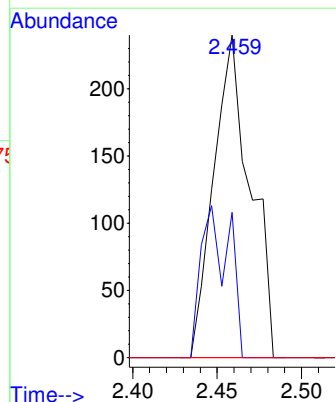
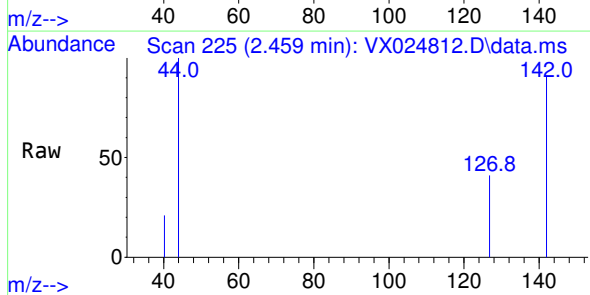




#10
Methyl Iodide
Concen: 1.15 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

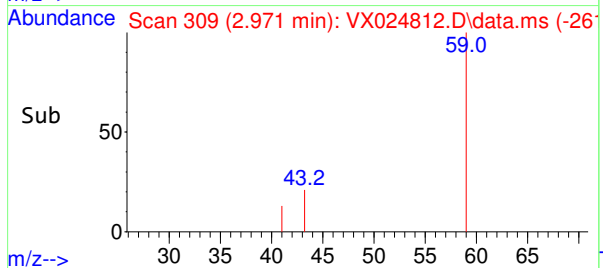
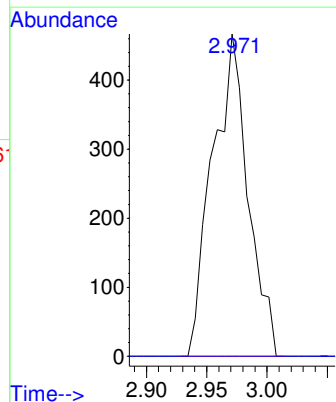
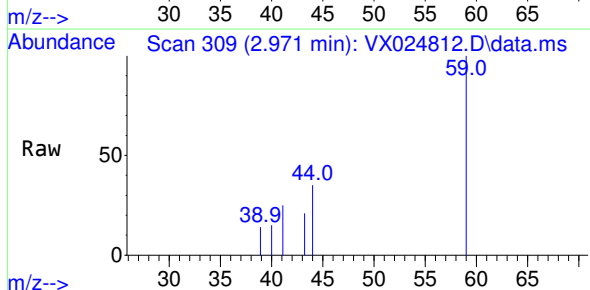
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

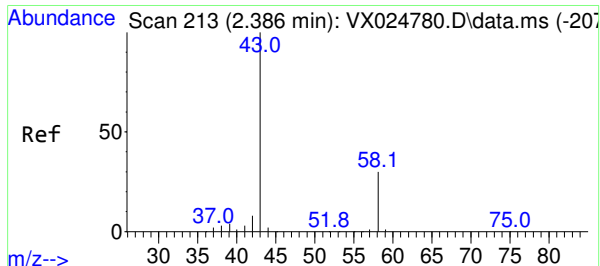
Tgt Ion:142 Resp: 361
Ion Ratio Lower Upper
142 100
127 36.3 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 2.95 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion: 59 Resp: 958
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

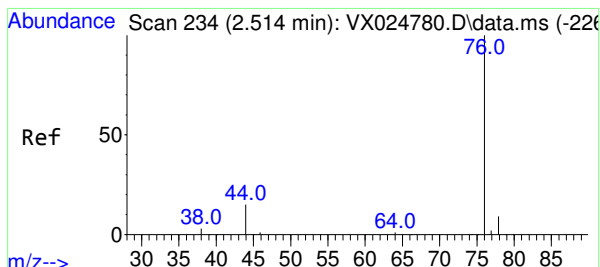
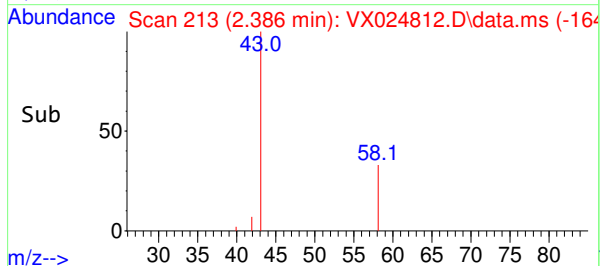
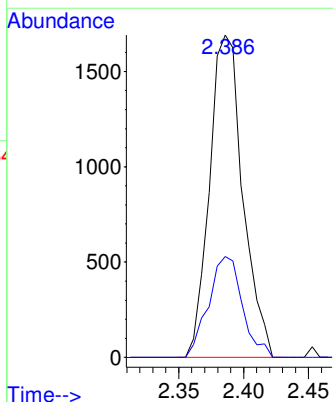
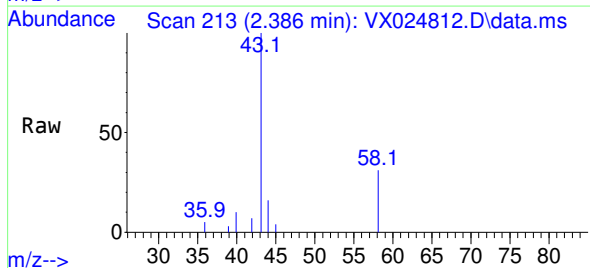




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

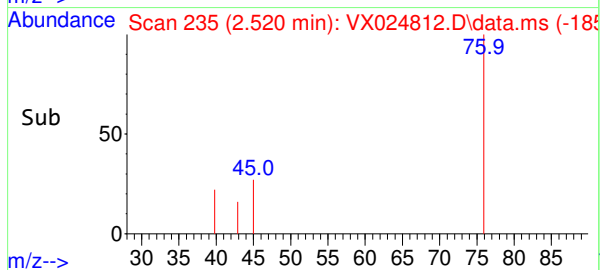
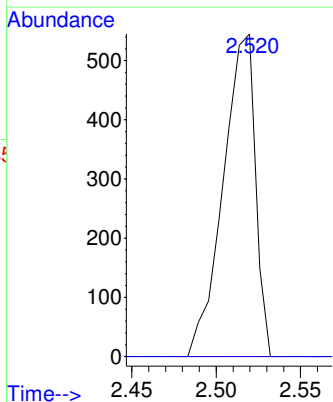
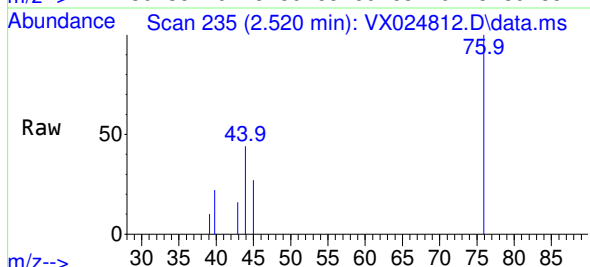
Instrument :
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ClientSampleId :
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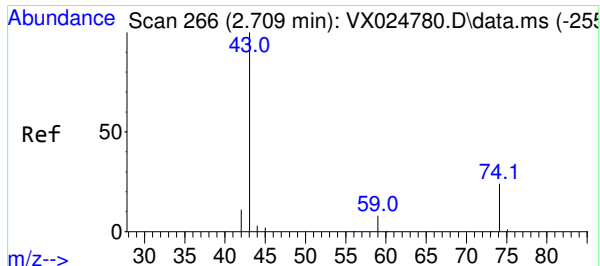
Tgt Ion: 43 Resp: 3019
Ion Ratio Lower Upper
43 100
58 31.3 24.0 36.0



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion: 76 Resp: 728
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#

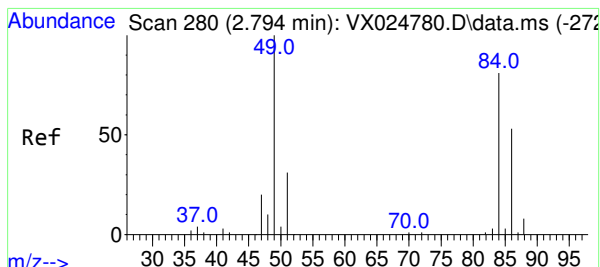
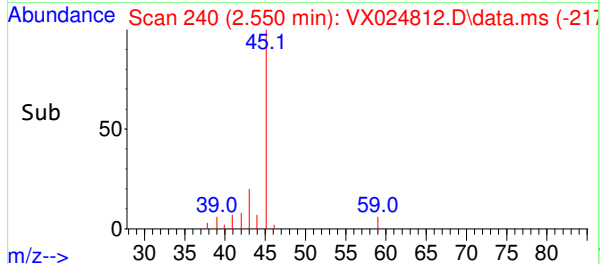
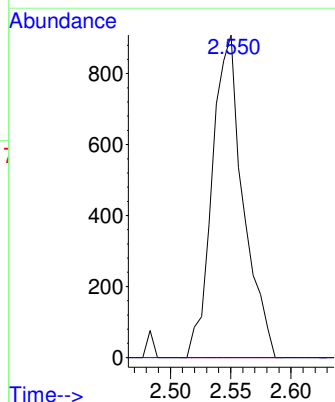
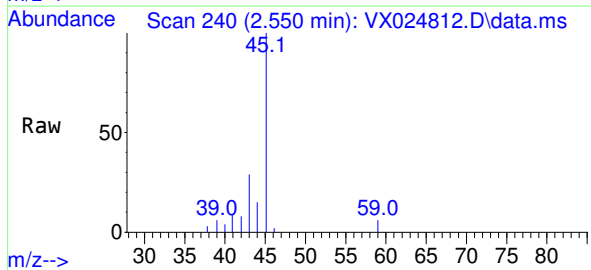




#18
Methyl Acetate
Concen: 0.64 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

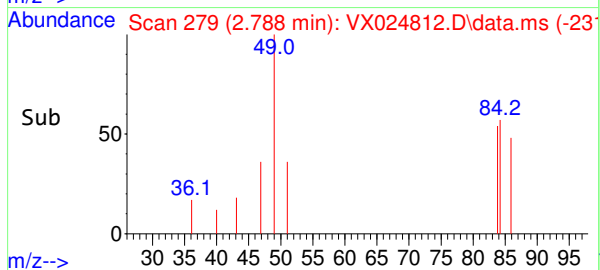
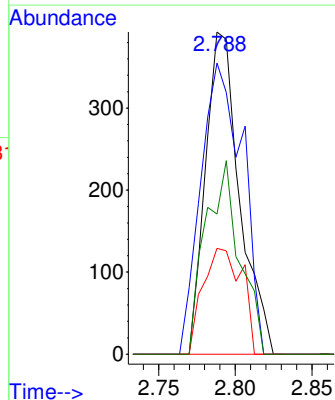
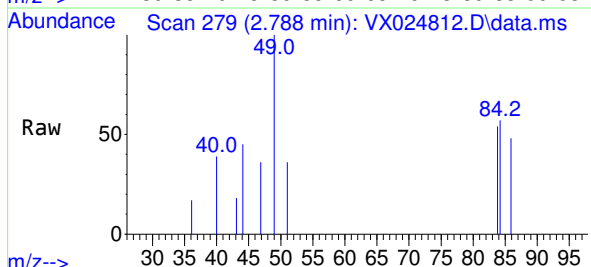
Instrument :
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ClientSampleId :
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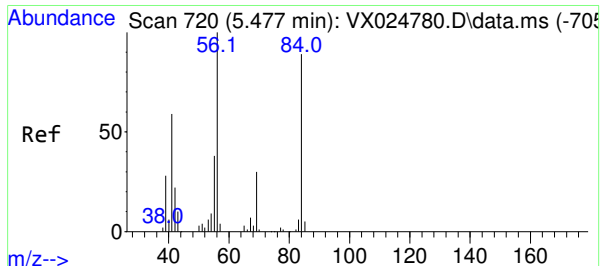
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion: 84 Resp: 607
Ion Ratio Lower Upper
84 100
49 90.3 98.2 147.2#
51 32.8 30.2 45.4
86 43.5 52.2 78.2#

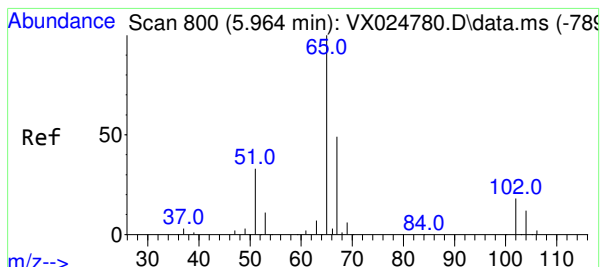
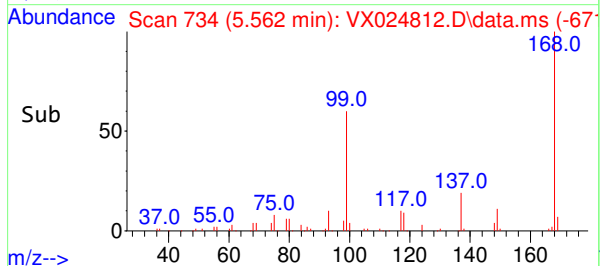
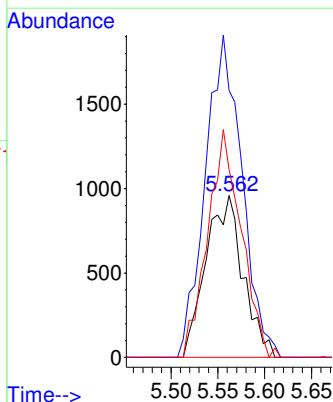
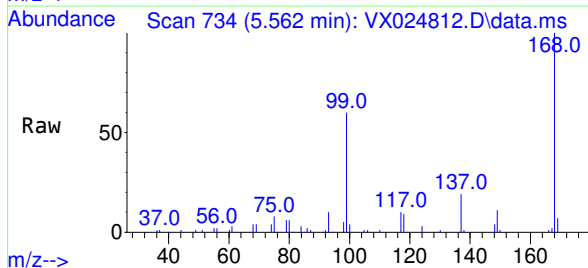




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

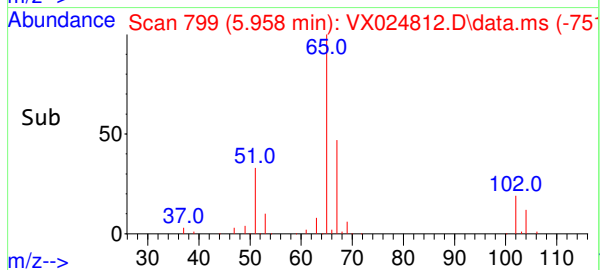
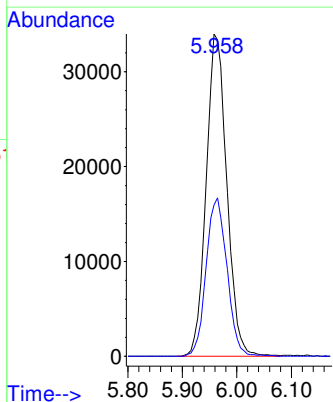
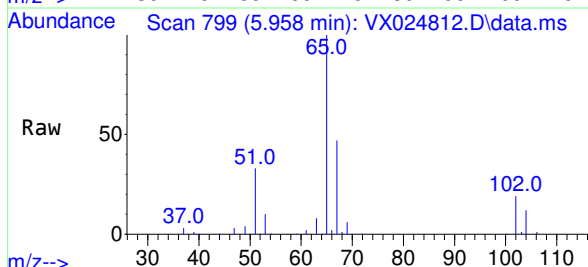
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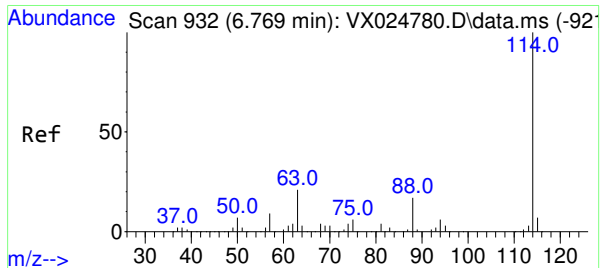
Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
69 164.8 24.2 36.2#
84 116.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 58.13 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion: 65 Resp: 89504
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.0

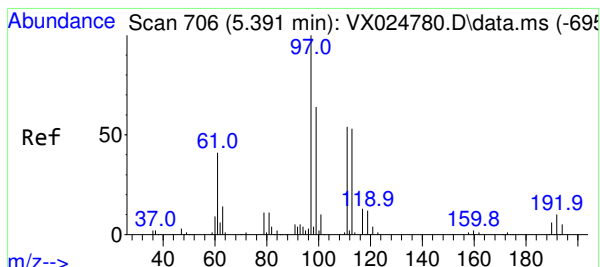
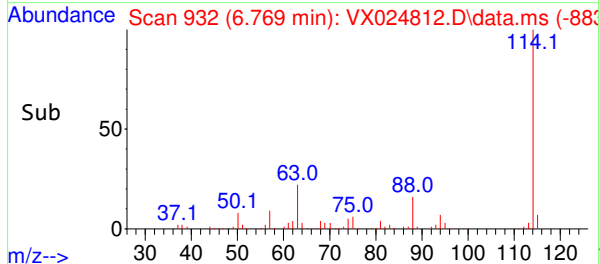
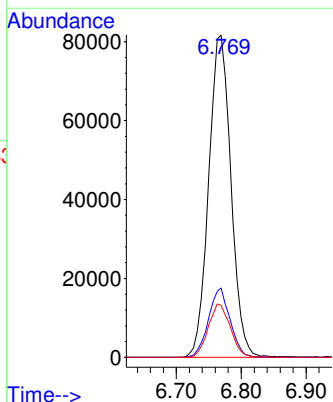
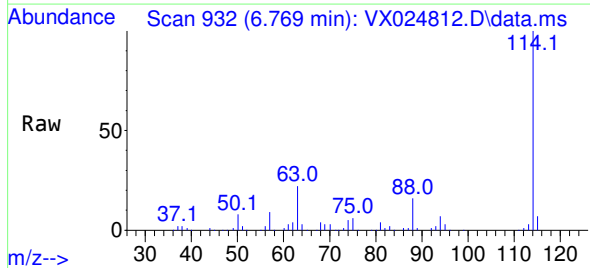




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

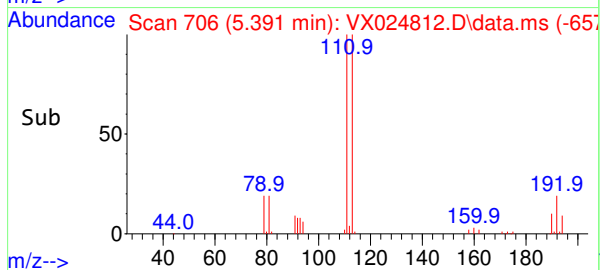
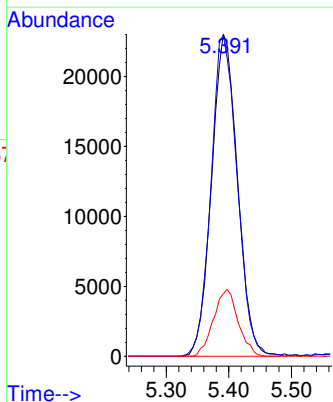
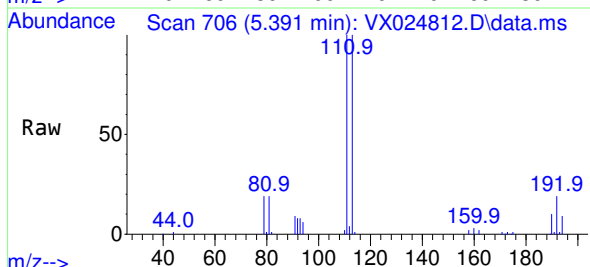
Instrument :
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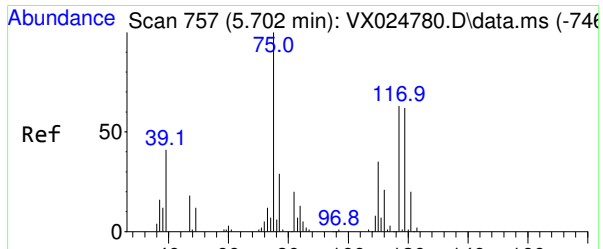
Tgt Ion:	114	Resp:	195114
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.0
88	16.1	0.0	34.8



#35
Dibromofluoromethane
Concen: 56.94 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion:	113	Resp:	66139
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.1	123.1
192	19.8	15.6	23.4

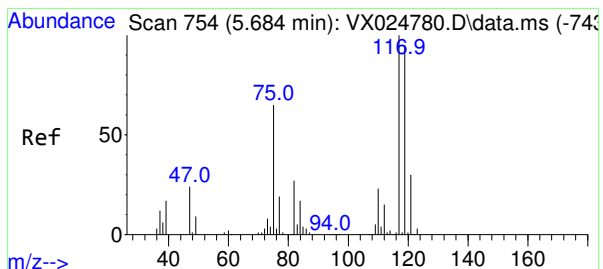
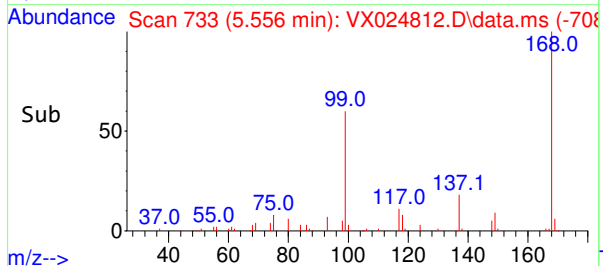
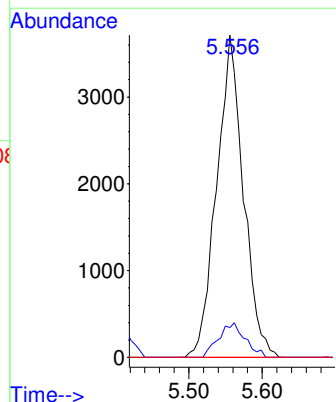
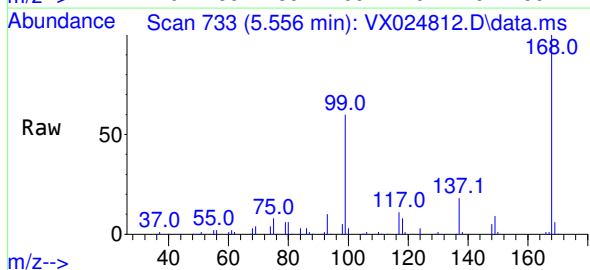




#36
1,1-Dichloropropene
Concen: 5.43 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

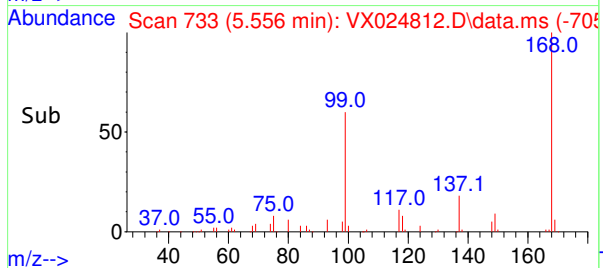
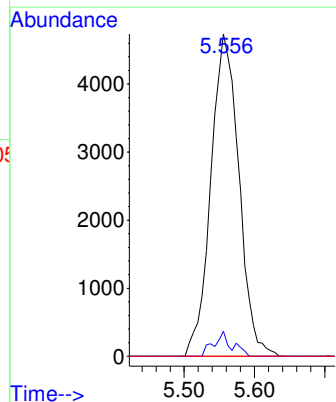
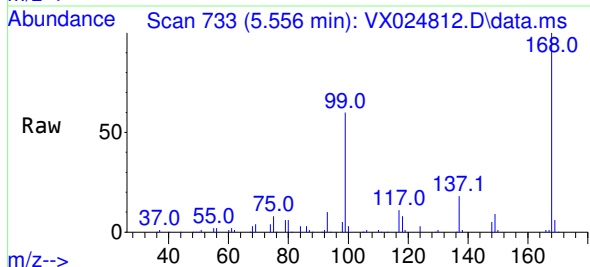
Instrument :
MSVOA_X
ClientSampled :
P287-DITCH

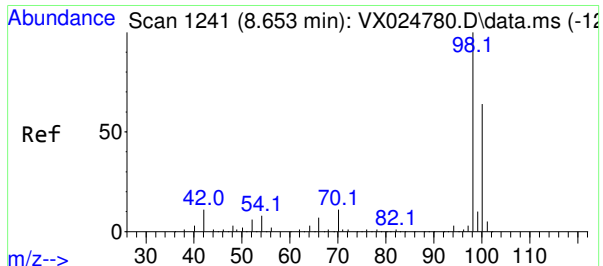
Tgt Ion:	75	Resp:	9372
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.3#
77	0.0	24.4	36.6#



#38
Carbon Tetrachloride
Concen: 6.78 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion:	117	Resp:	13125
Ion	Ratio	Lower	Upper
117	100		
119	7.8	75.6	113.4#
121	0.0	23.7	35.5#

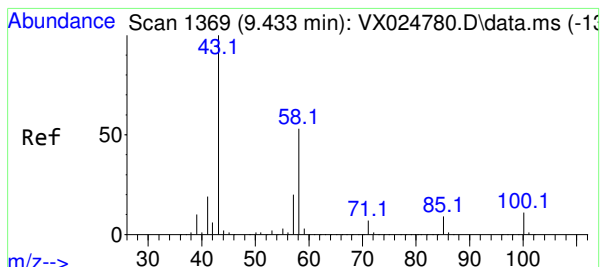
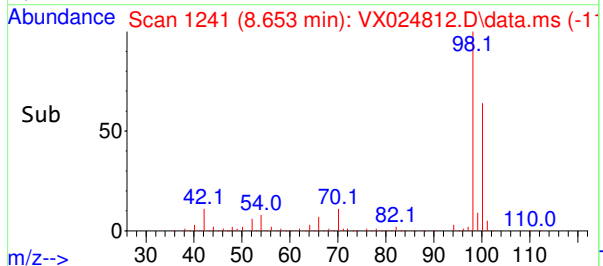
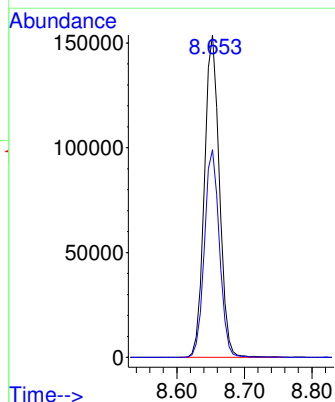
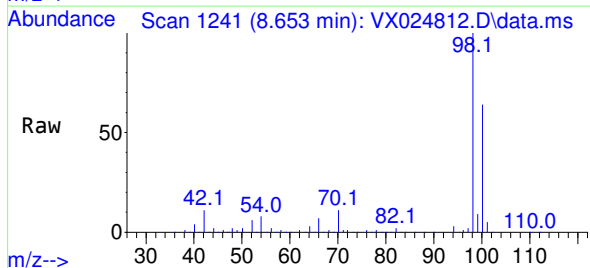




#50
Toluene-d8
Concen: 54.95 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

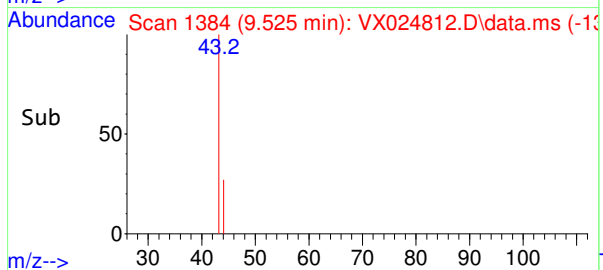
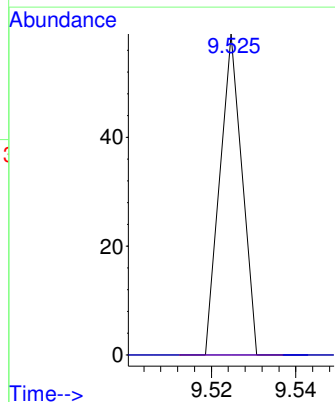
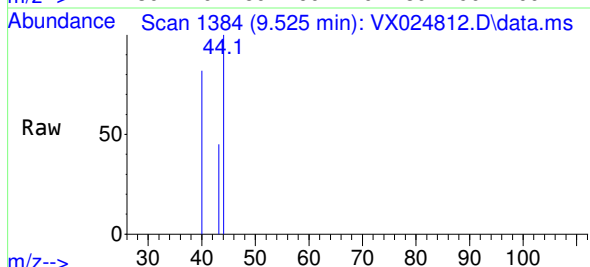
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

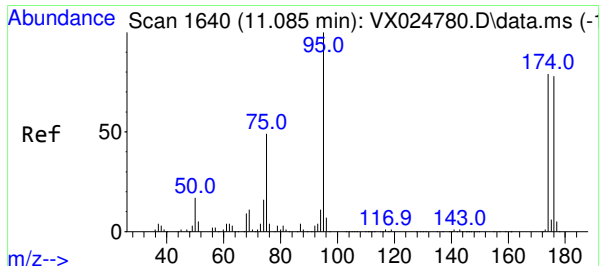
Tgt Ion: 98 Resp: 236086
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#59
2-Hexanone
Concen: Below Cal
RT: 9.525 min Scan# 1384
Delta R.T. 0.092 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#

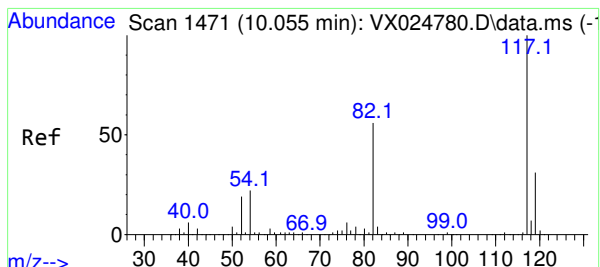
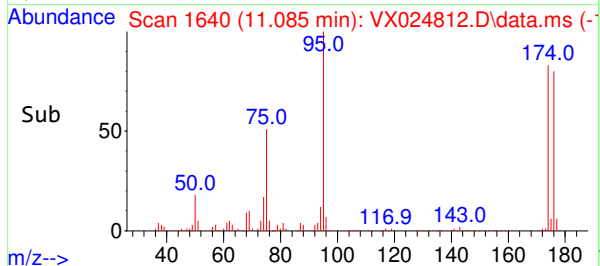
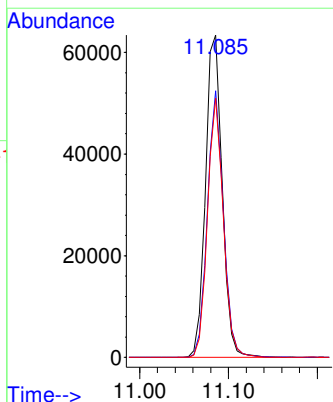
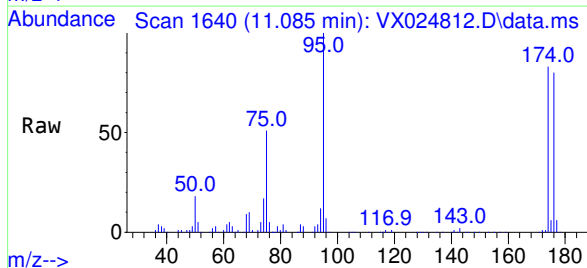




#62
4-Bromofluorobenzene
Concen: 48.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

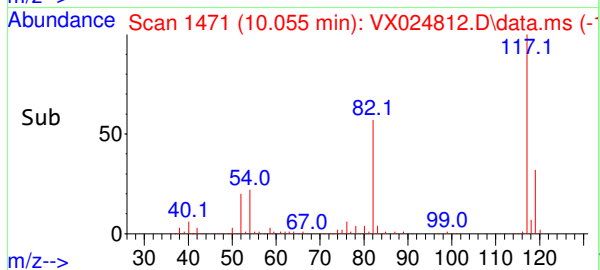
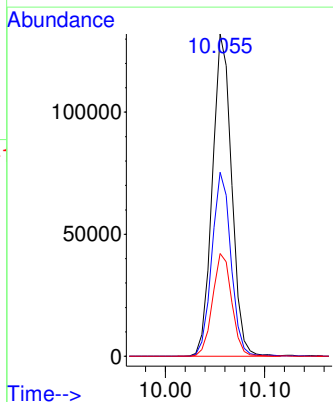
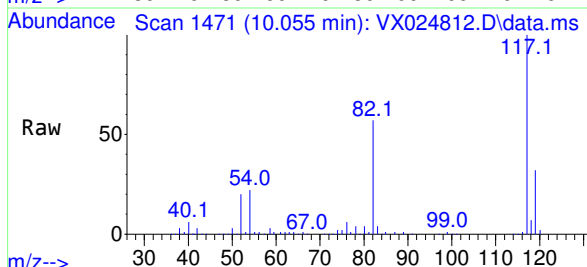
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

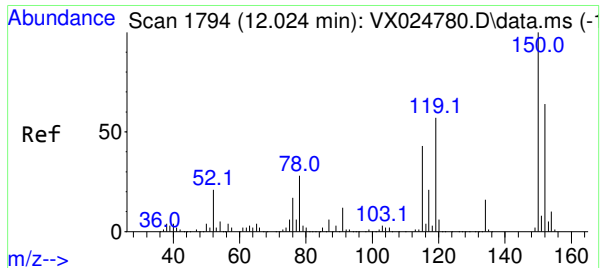
Tgt Ion:	95	Resp:	82580
Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	158.0
176	76.5	0.0	153.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion:	117	Resp:	178944
Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.6	67.0
119	31.9	24.8	37.2

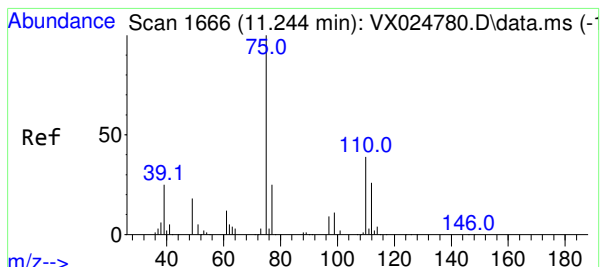
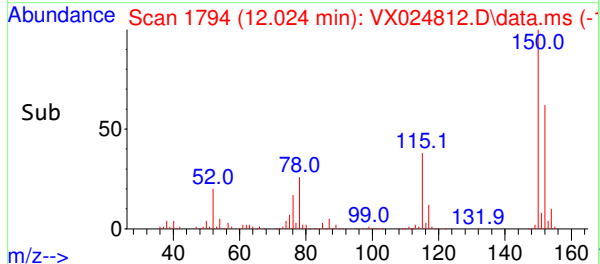
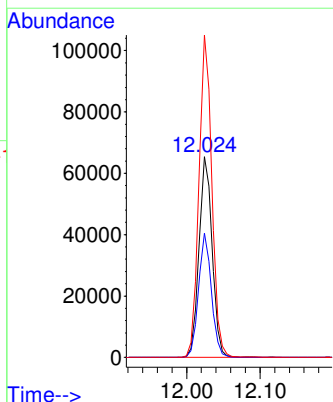
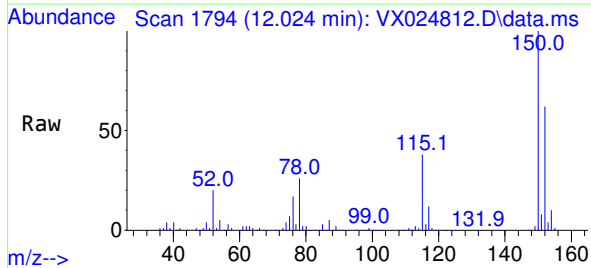




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

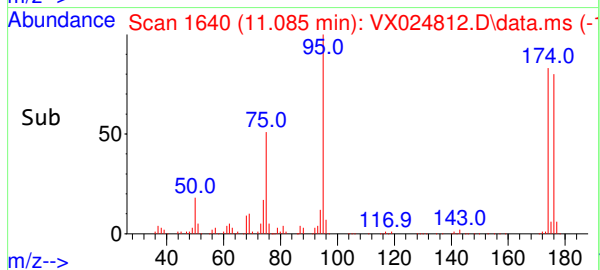
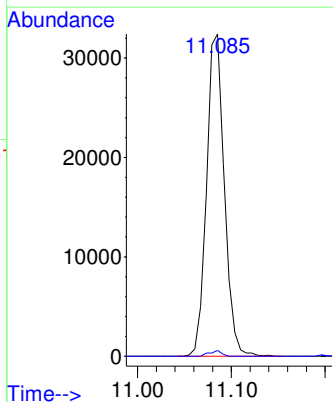
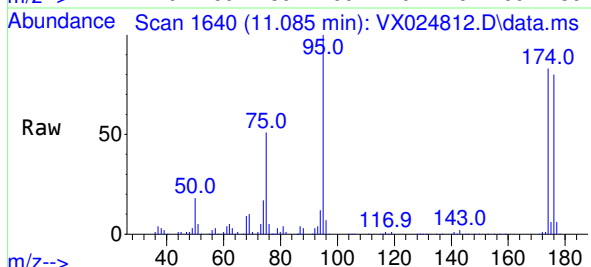
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

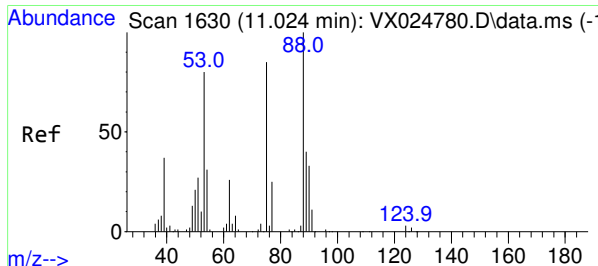
Tgt Ion:	152	Resp:	81333
Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.3	129.8
150	157.5	0.0	351.2



#76
1,2,3-Trichloropropane
Concen: 25.23 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion:	75	Resp:	42819
Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	59.9#

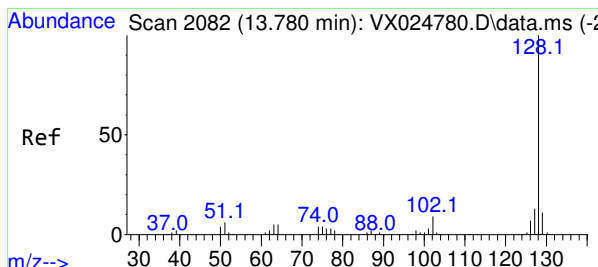
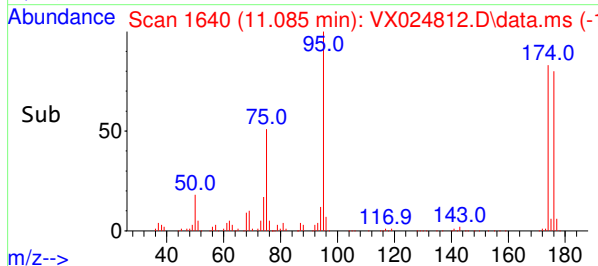
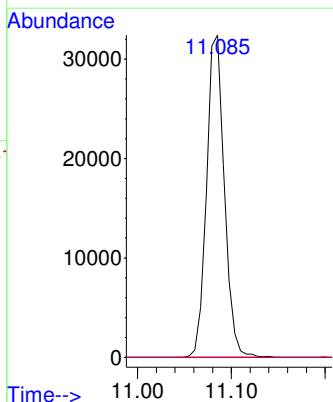
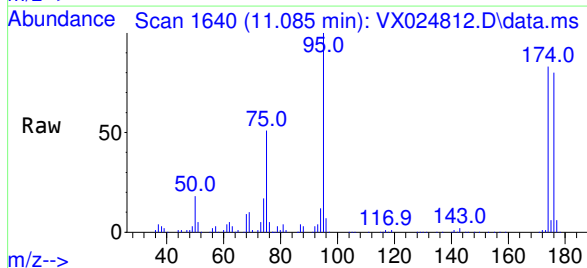




#81
trans-1,4-Dichloro-2-butene
Concen: 67.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.9	122.9#
89	0.0	38.2	57.2#



#95
Naphthalene
Concen: 0.29 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024812.D
Acq: 14 Oct 2021 14:31

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

