

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024814.D
 Acq On : 14 Oct 2021 15:18
 Operator : JC/MD
 Sample : M4190-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)RE

Quant Time: Oct 14 15:40:45 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)

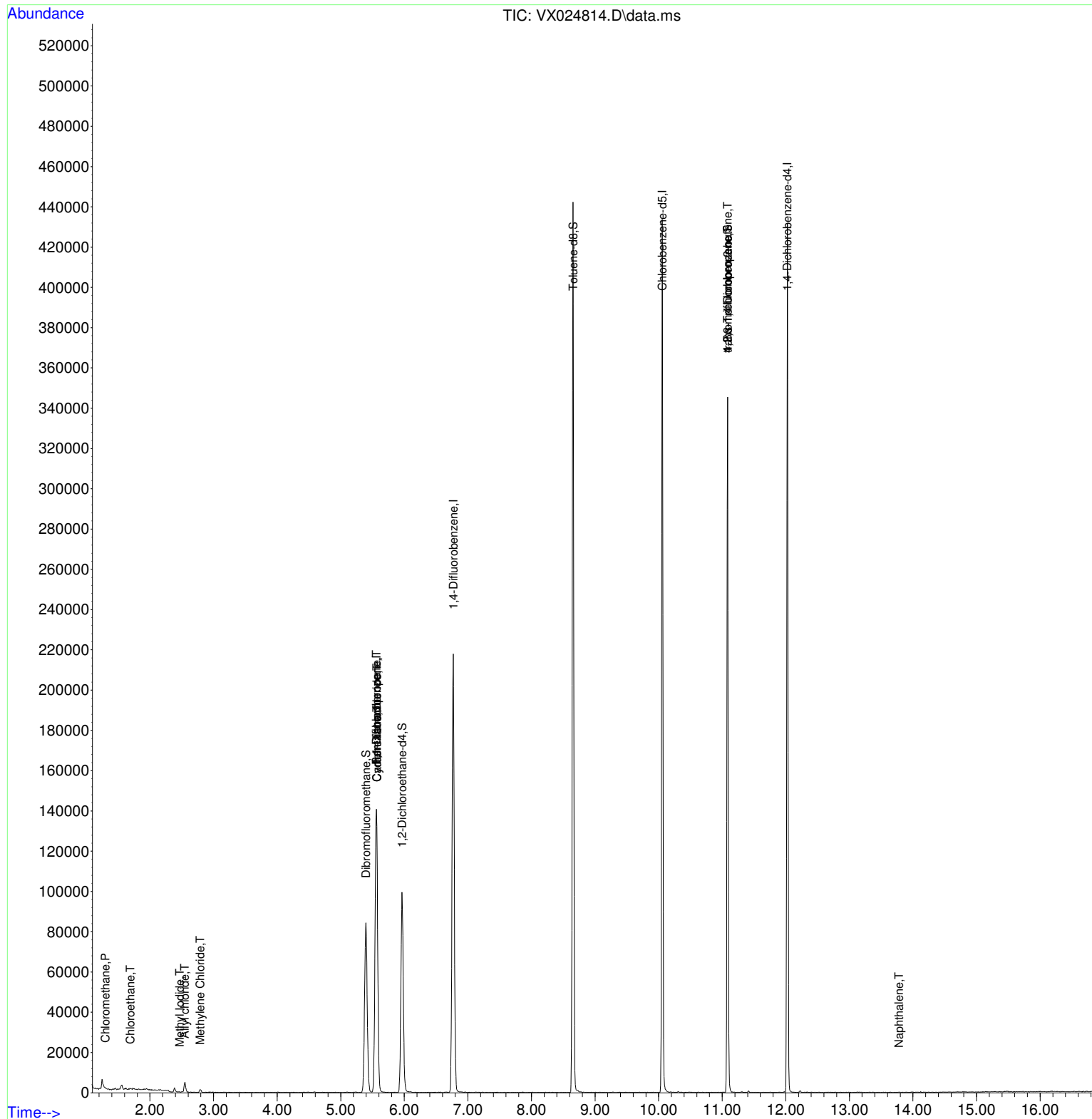
Internal Standards						
1) Pentafluorobenzene	5.562	168	133325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97611	59.57	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.14%#			
35) Dibromofluoromethane	5.397	113	72418	55.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.76%			
50) Toluene-d8	8.653	98	262426	54.74	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.48%			
62) 4-Bromofluorobenzene	11.085	95	90511	48.01	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.02%			
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	301	0.24	ug/l	90
5) Bromomethane	1.618	94	373	Below Cal	#	76
6) Chloroethane	1.691	64	442	0.56	ug/l #	43
10) Methyl Iodide	2.465	142	255	1.07	ug/l #	37
14) Allyl chloride	2.544	41	605	0.29	ug/l #	56
16) Acetone	2.386	43	2285	Below Cal	#	79
20) Methylene Chloride	2.788	84	676	0.49	ug/l #	76
31) Cyclohexane	5.568	56	2688	1.23	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9922	5.15	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14288	6.62	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	46220	25.22	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	46220	67.95	ug/l #	9
95) Naphthalene	13.780	128	116	0.27	ug/l #	69

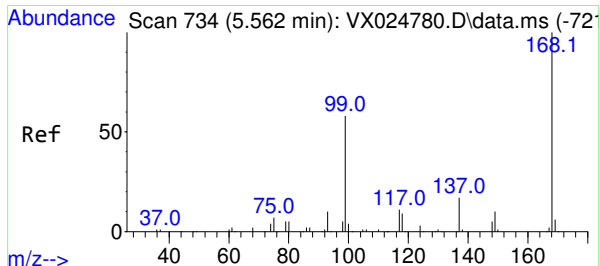
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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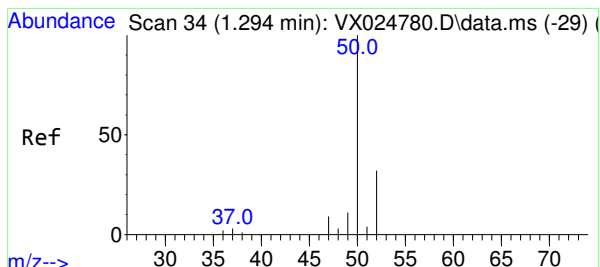
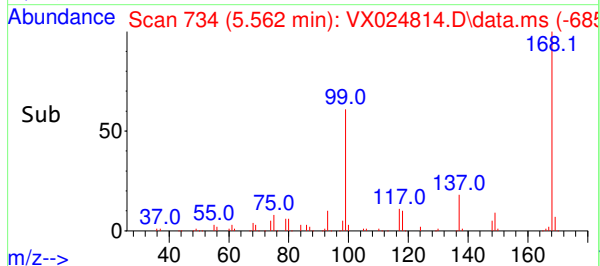
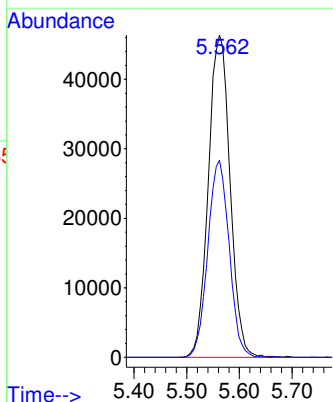
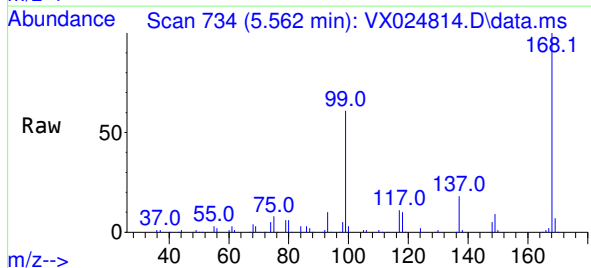




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

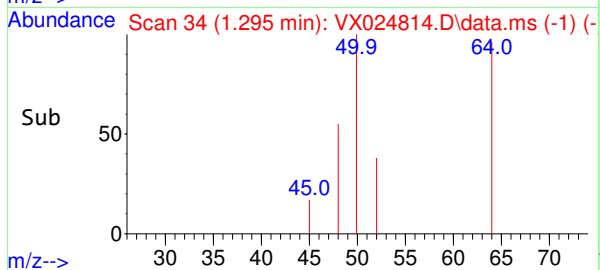
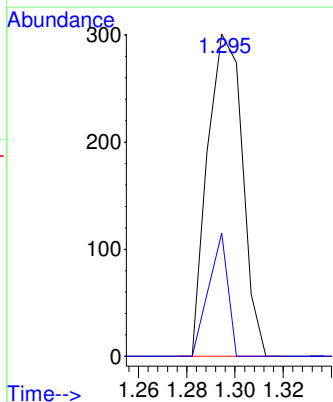
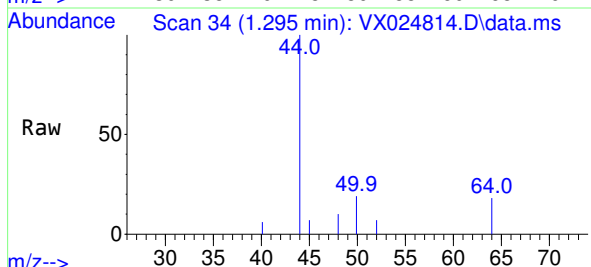
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

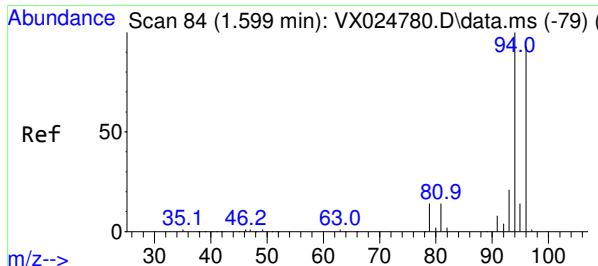
Tgt Ion:168 Resp: 133325
Ion Ratio Lower Upper
168 100
99 61.1 46.4 69.6



#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 50 Resp: 301
Ion Ratio Lower Upper
50 100
52 38.2 25.9 38.9

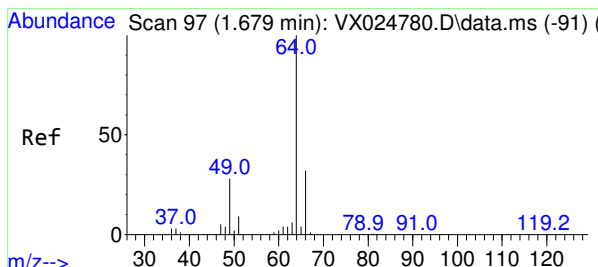
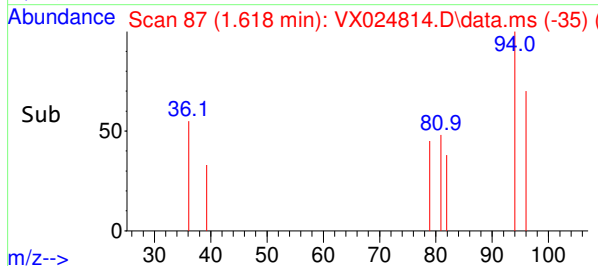
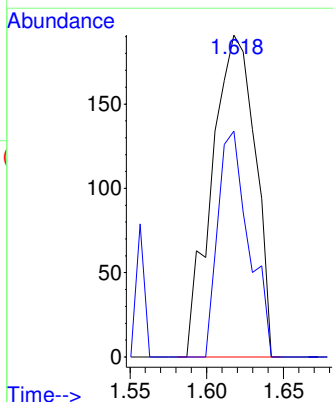
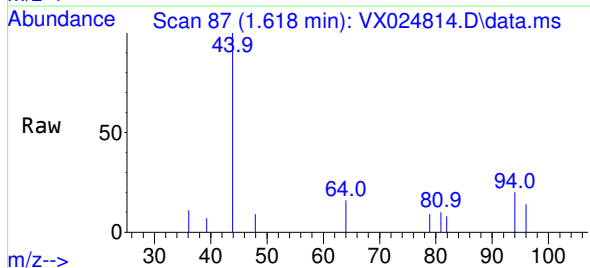




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

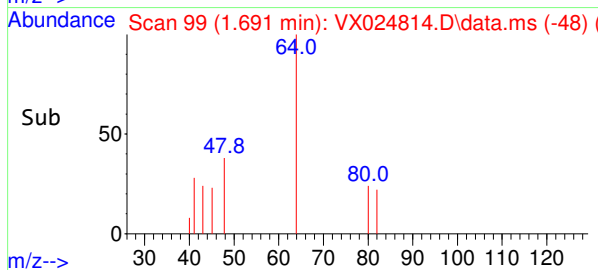
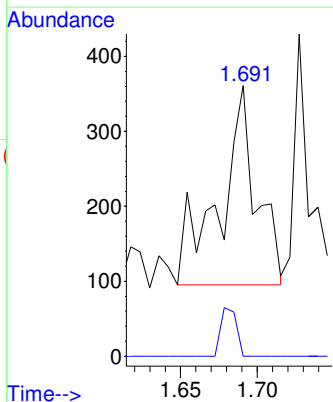
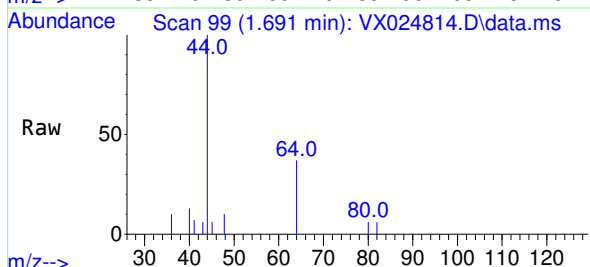
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

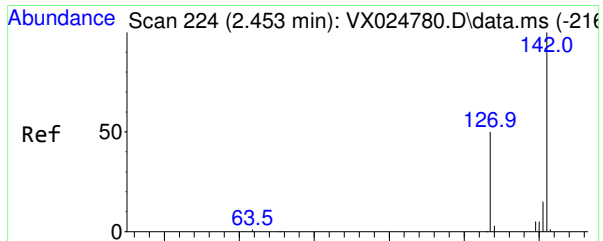
Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 70.2 74.8 112.2#



#6
Chloroethane
Concen: 0.56 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 64 Resp: 442
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

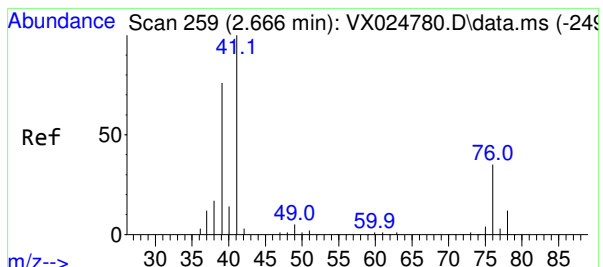
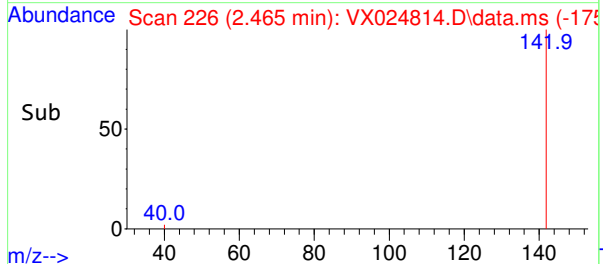
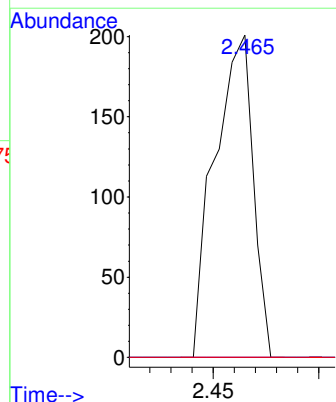
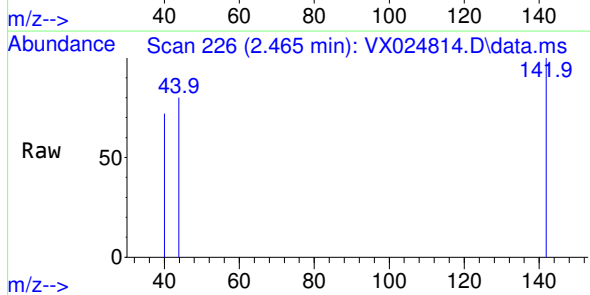




#10
Methyl Iodide
Concen: 1.07 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

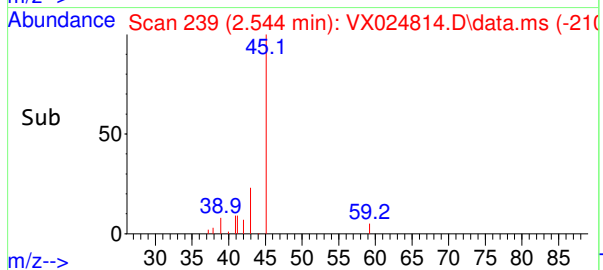
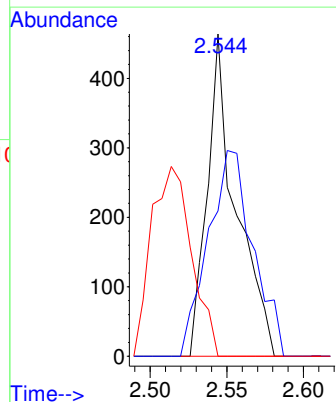
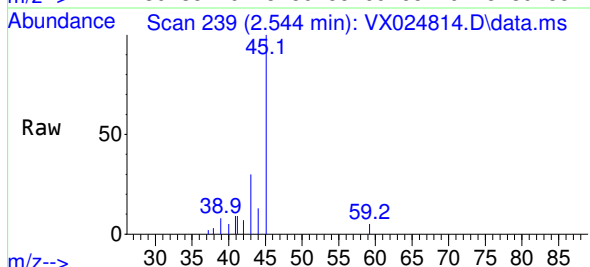
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

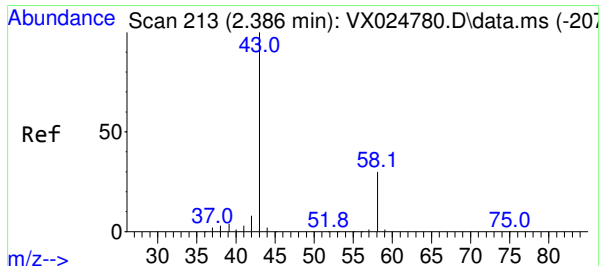
Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 0.29 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 41 Resp: 605
Ion Ratio Lower Upper
41 100
39 99.0 54.6 82.0#
76 0.0 25.3 37.9#

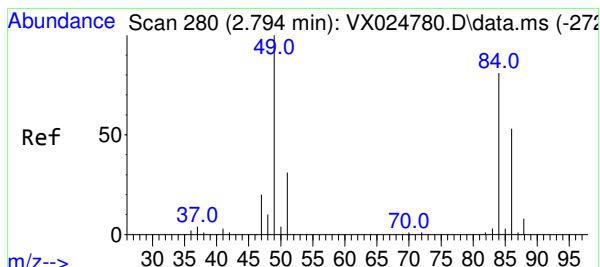
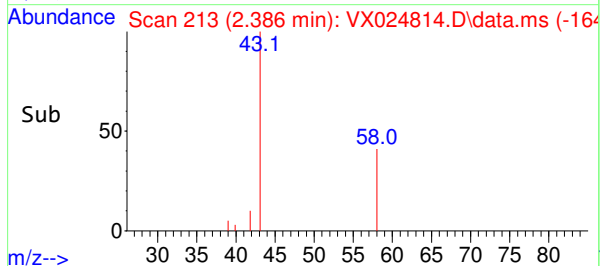
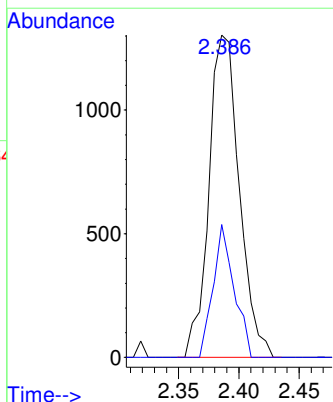
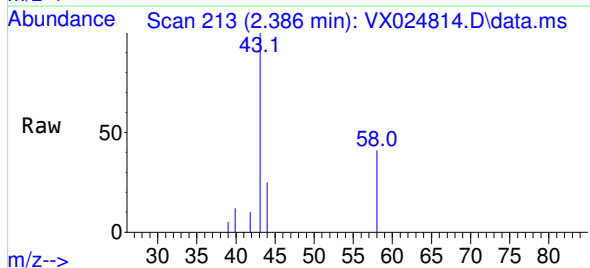




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

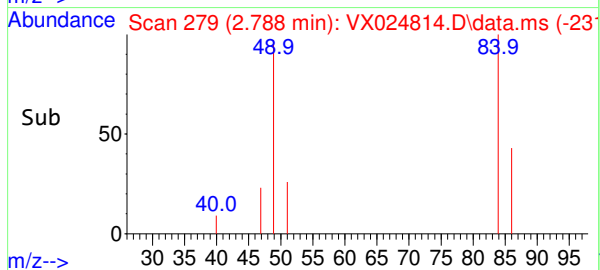
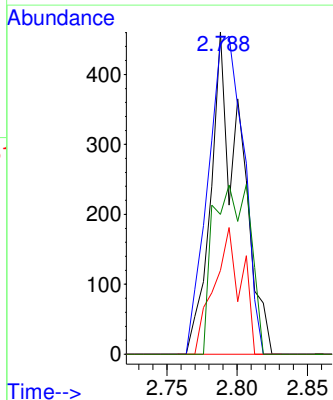
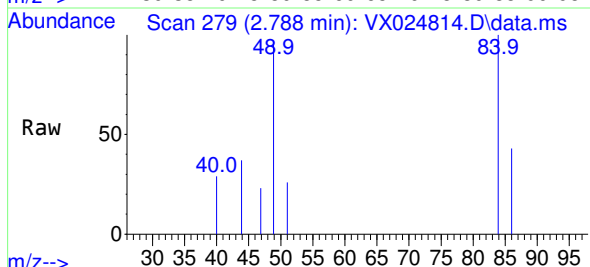
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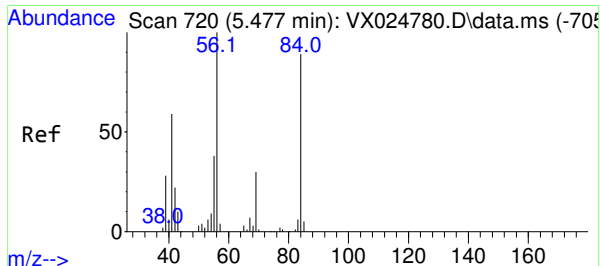
Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 41.3 24.0 36.0#



#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 84 Resp: 676
Ion Ratio Lower Upper
84 100
49 96.5 98.2 147.2#
51 26.0 30.2 45.4#
86 43.4 52.2 78.2#

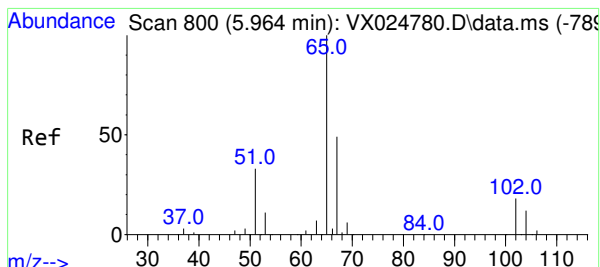
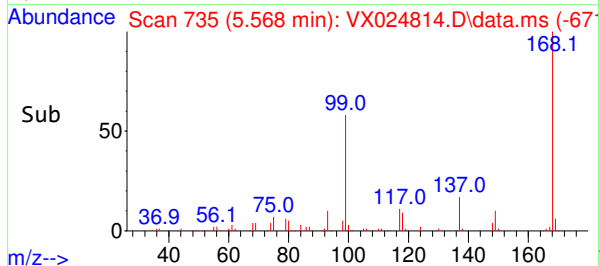
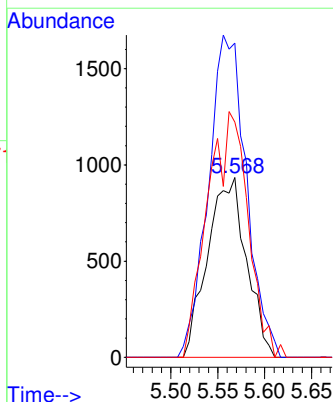
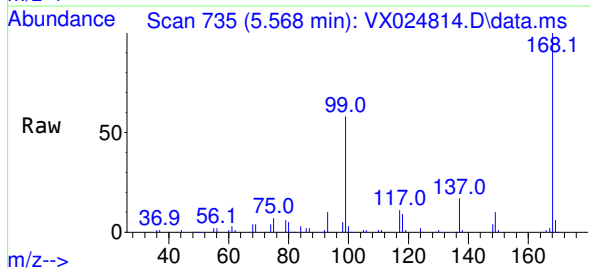




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

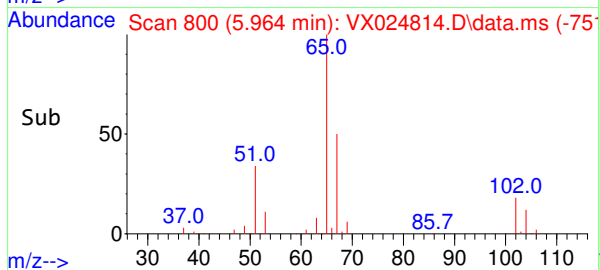
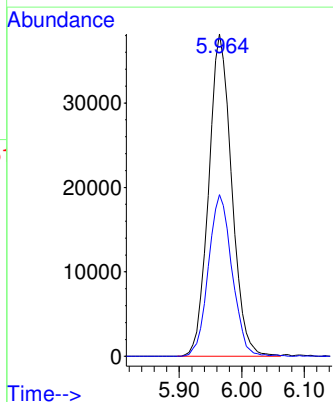
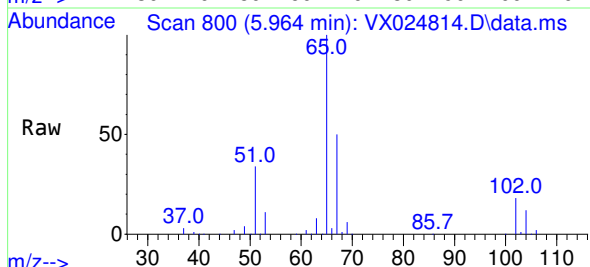
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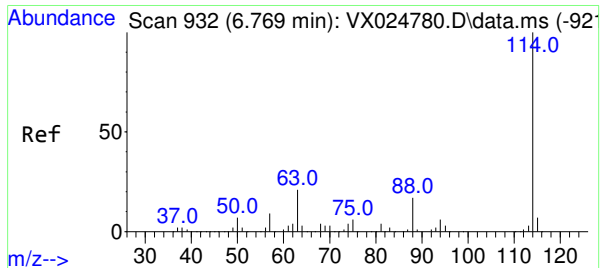
Tgt Ion: 56 Resp: 2688
Ion Ratio Lower Upper
56 100
69 174.8 24.2 36.2#
84 130.8 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 59.57 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 65 Resp: 97611
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.0

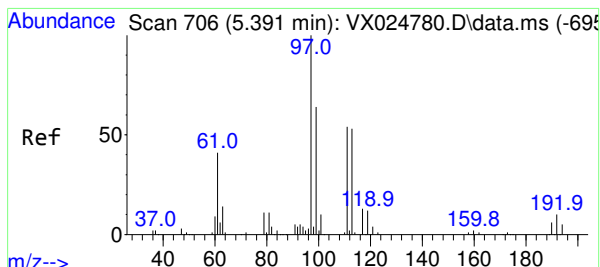
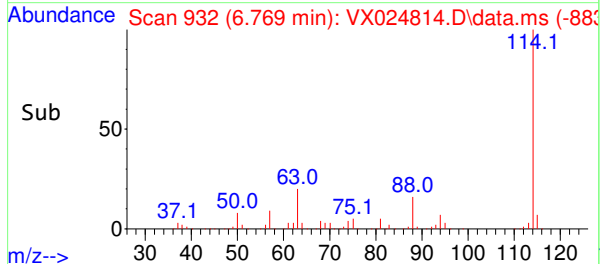
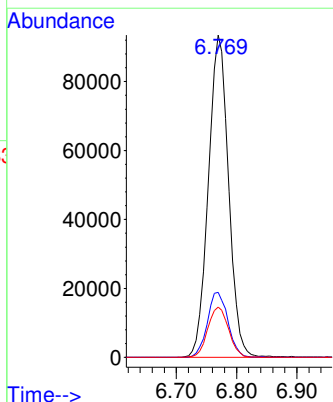
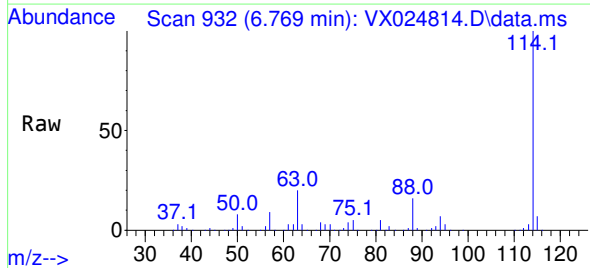




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

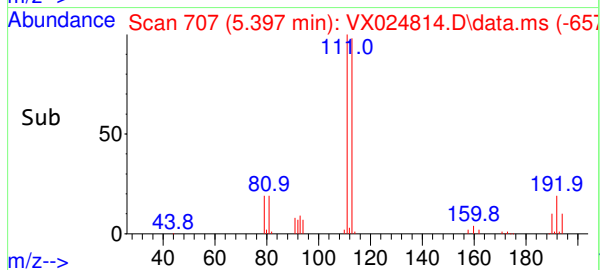
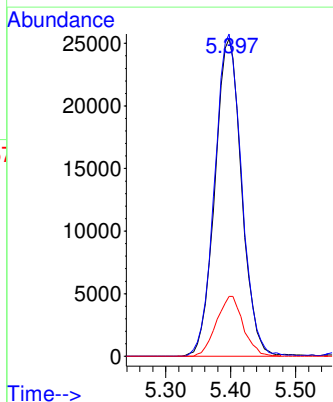
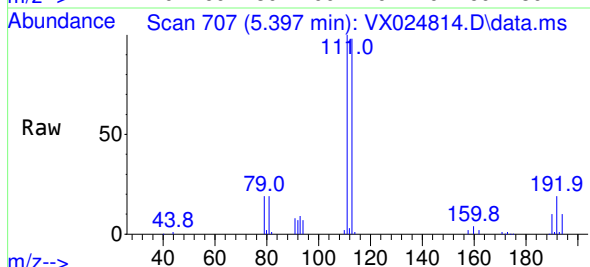
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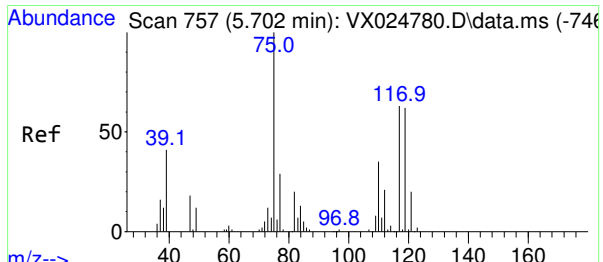
Tgt Ion:	114	Resp:	217689
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.0
88	15.6	0.0	34.8



#35
Dibromofluoromethane
Concen: 55.88 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion:	113	Resp:	72418
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	19.0	15.6	23.4

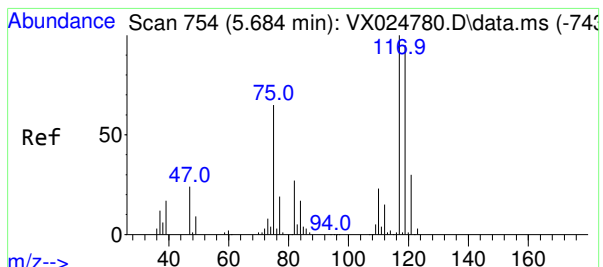
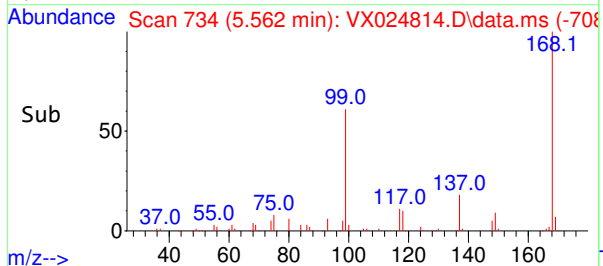
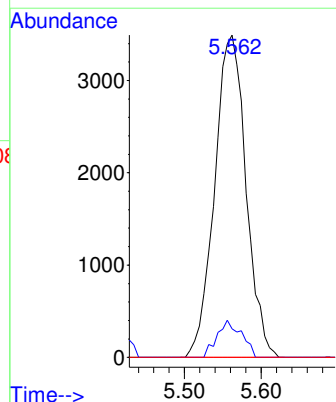
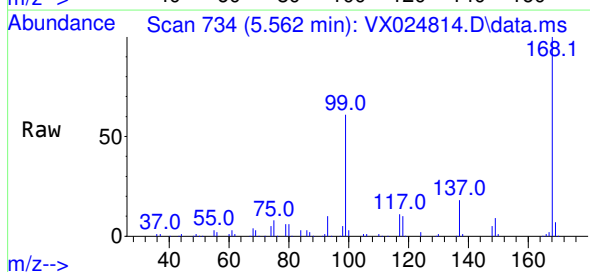




#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

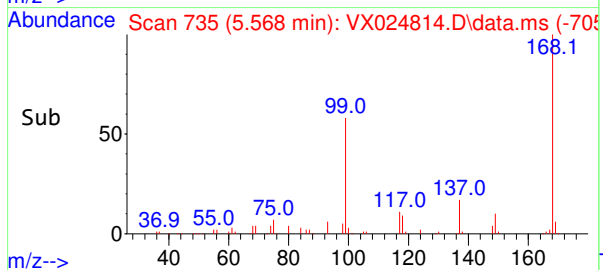
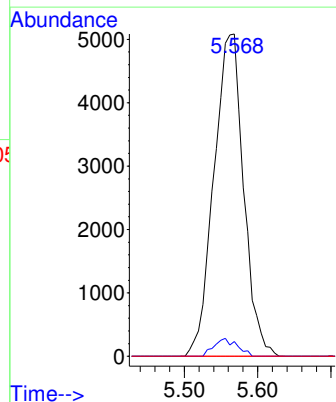
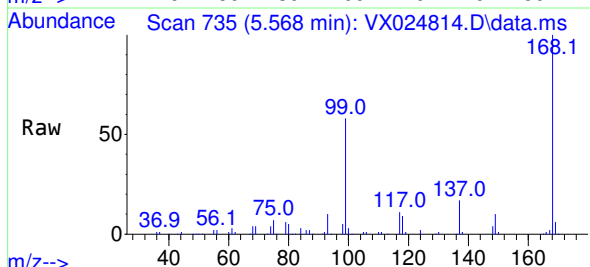
Instrument :
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SW-RR-01-(2.0)RE

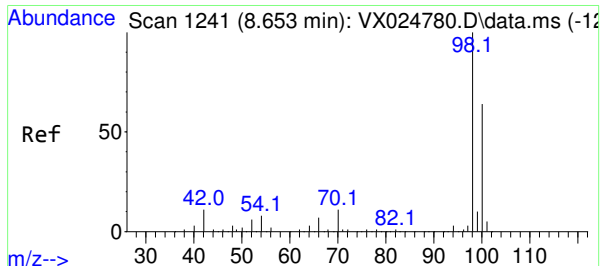
Tgt Ion: 75 Resp: 9922
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 117 Resp: 14288
Ion Ratio Lower Upper
117 100
119 4.6 75.6 113.4#
121 0.0 23.7 35.5#

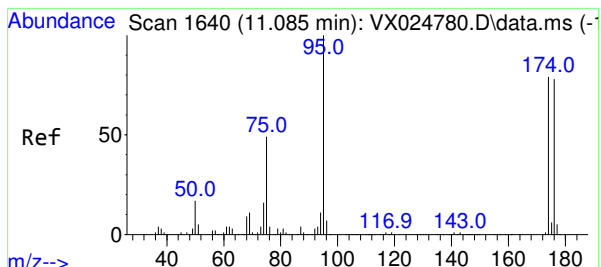
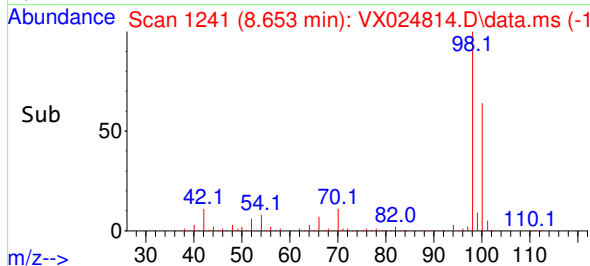
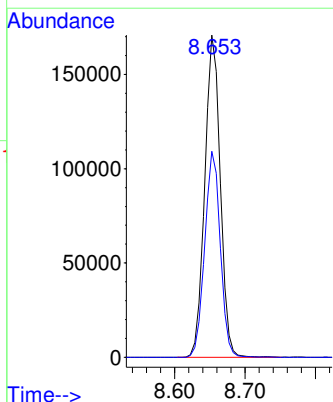
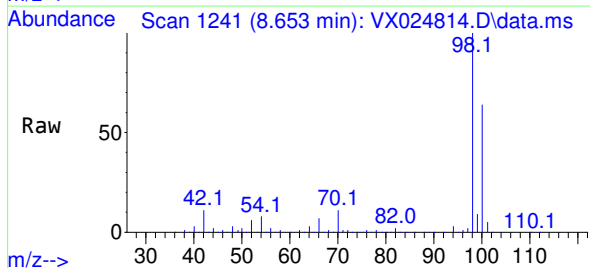




#50
Toluene-d8
Concen: 54.74 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

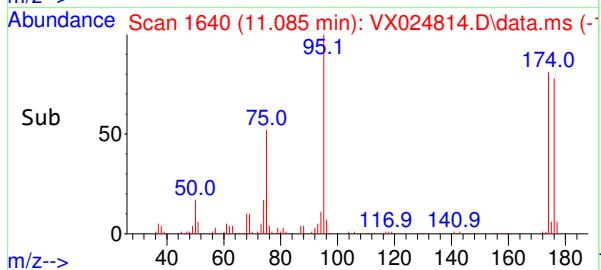
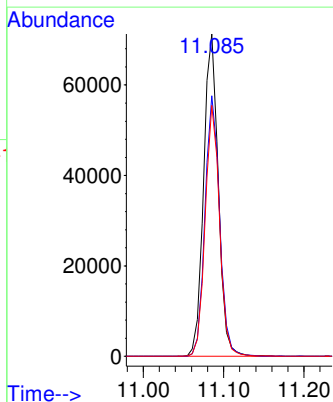
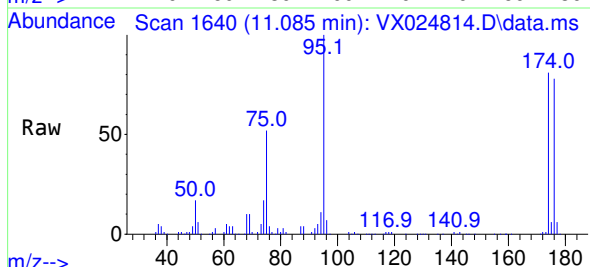
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

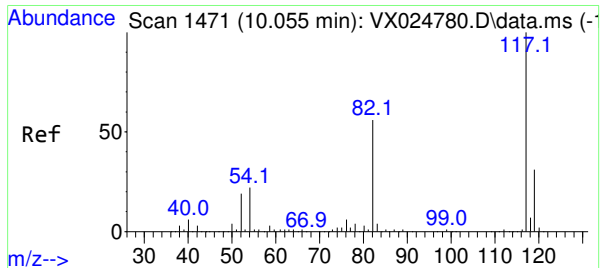
Tgt Ion: 98 Resp: 262426
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.01 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 95 Resp: 90511
Ion Ratio Lower Upper
95 100
174 80.5 0.0 158.0
176 76.3 0.0 153.6

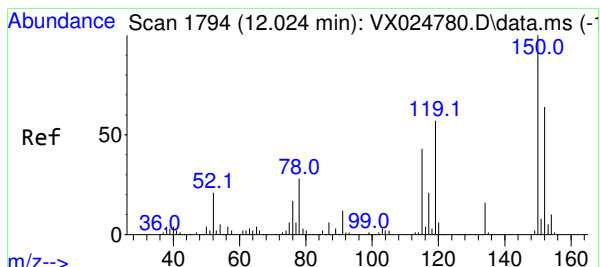
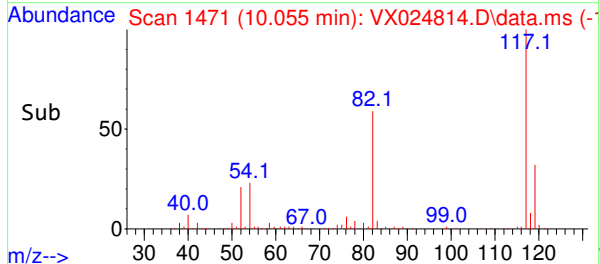
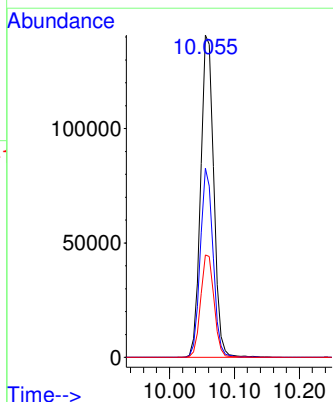
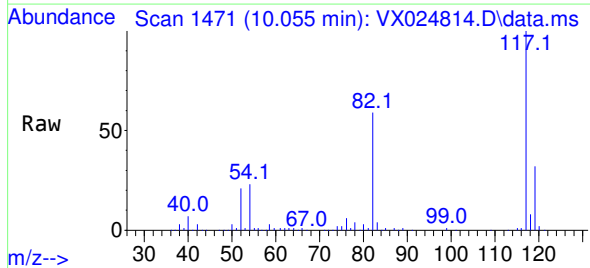




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

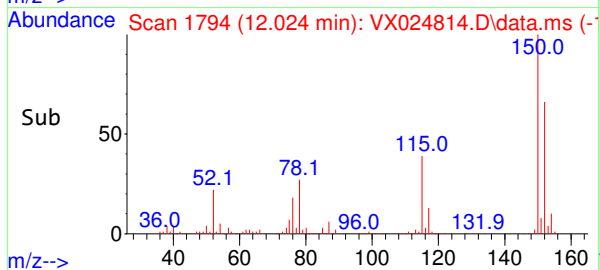
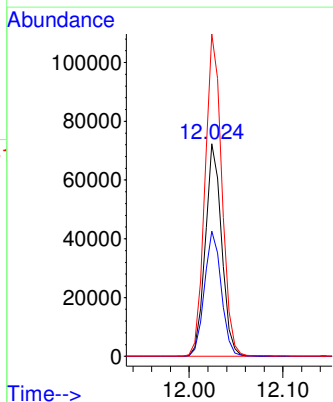
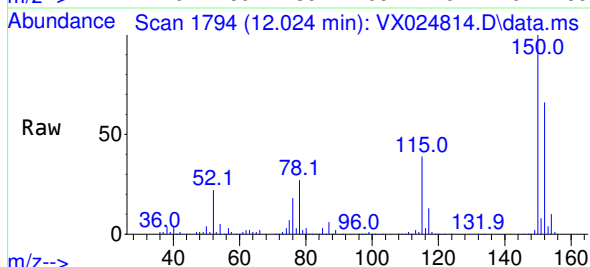
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

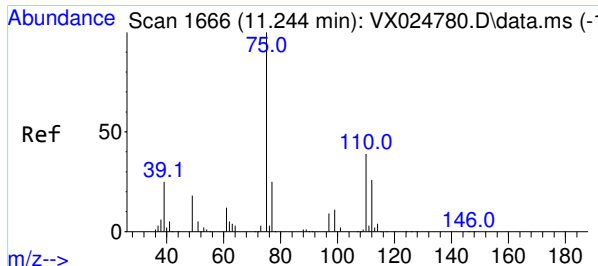
Tgt Ion:	117	Resp:	196342
Ion	Ratio	Lower	Upper
117	100		
82	58.7	44.6	67.0
119	31.8	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion:	152	Resp:	87836
Ion	Ratio	Lower	Upper
152	100		
115	60.7	43.3	129.8
150	156.1	0.0	351.2

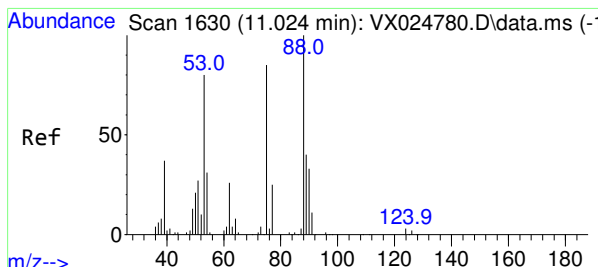
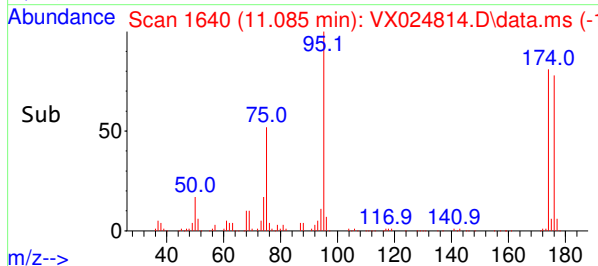
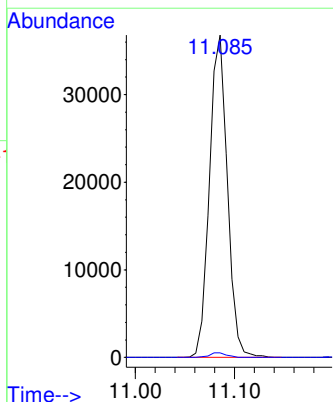
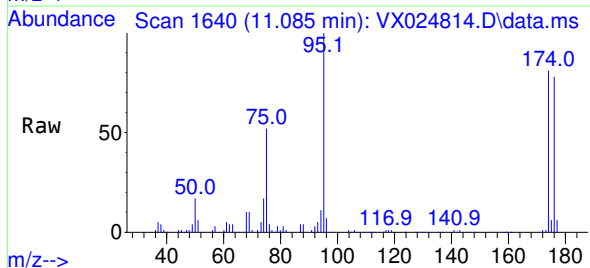




#76
1,2,3-Trichloropropane
Concen: 25.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

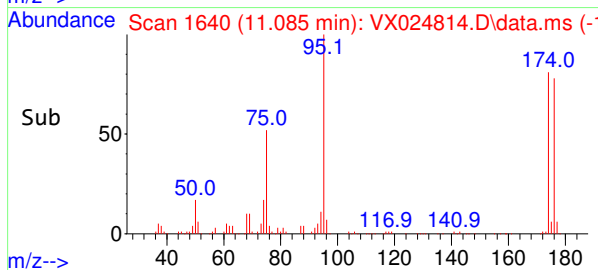
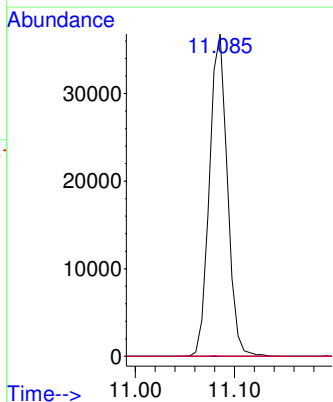
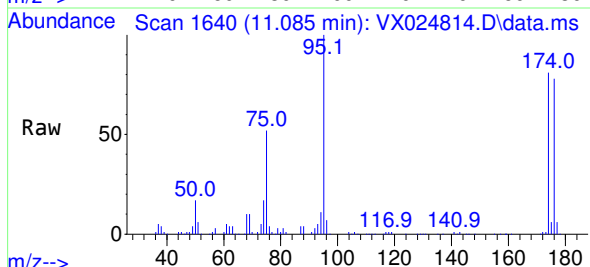
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

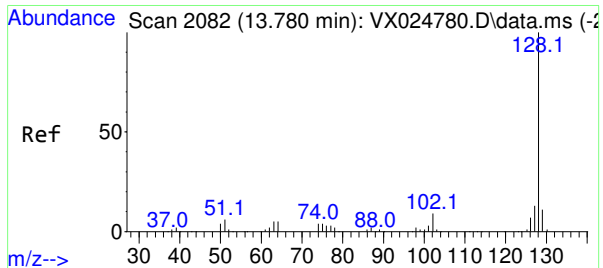
Tgt Ion: 75 Resp: 46220
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Tgt Ion: 75 Resp: 46220
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#





#95
Naphthalene
Concen: 0.27 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024814.D
Acq: 14 Oct 2021 15:18

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

Tgt Ion:	128	Resp:	116
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

