

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022318.D
 Acq On : 02 Jun 2021 02:47
 Operator : JC/MD
 Sample : M2572-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20210528

Quant Time: Jun 02 05:34:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

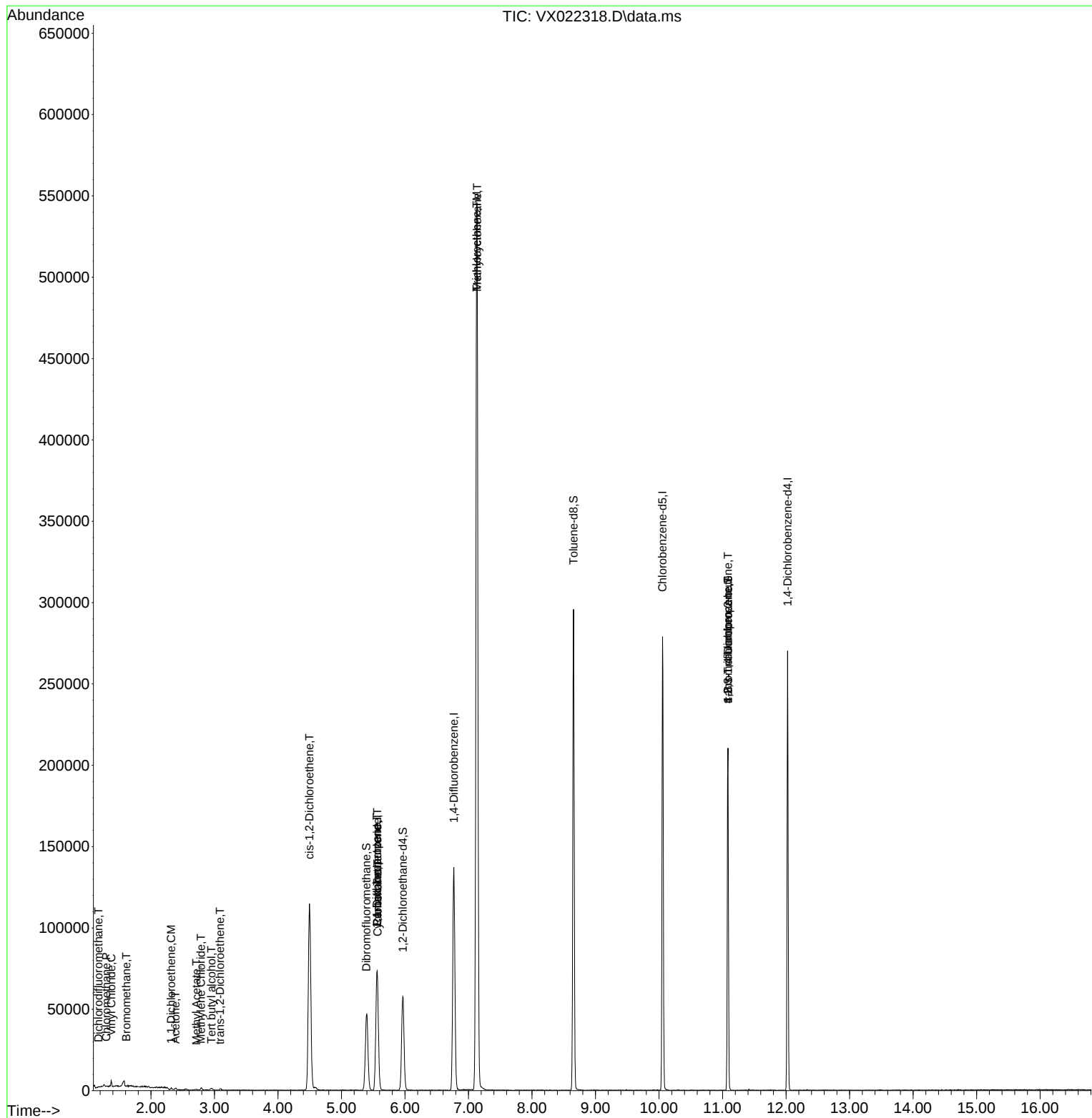
Internal Standards						
1) Pentafluorobenzene	5.562	168	63605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54177	55.22	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.44%			
35) Dibromofluoromethane	5.391	113	41197	47.78	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.56%			
50) Toluene-d8	8.653	98	167377	50.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.78%			
62) 4-Bromofluorobenzene	11.085	95	57894	47.16	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.32%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	282	0.36	ug/l #	42
3) Chloromethane	1.295	50	194	0.23	ug/l #	42
4) Vinyl Chloride	1.374	62	2073	2.35	ug/l	100
5) Bromomethane	1.612	94	188	0.37	ug/l #	76
11) Tert butyl alcohol	2.953	59	943	4.20	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	308	0.42	ug/l #	56
16) Acetone	2.386	43	1191	2.79	ug/l #	81
18) Methyl Acetate	2.715	43	815	0.72	ug/l #	58
20) Methylene Chloride	2.788	84	601	0.63	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	403	0.51	ug/l #	72
27) cis-1,2-Dichloroethene	4.495	96	72550	75.24	ug/l	90
31) Cyclohexane	5.568	56	1848	1.50	ug/l #	59
36) 1,1-Dichloropropene	5.556	75	6191	4.92	ug/l #	46
38) Carbon Tetrachloride	5.562	117	7084	5.76	ug/l #	14
39) Methylcyclohexane	7.135	83	2533	1.78	ug/l #	1
44) Trichloroethene	7.129	130	197891	205.85	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	30522	25.74	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30522	60.98	ug/l #	12

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

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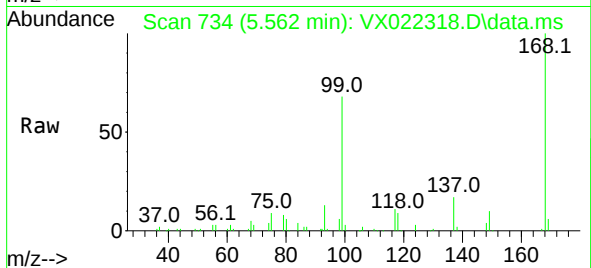
Quant Time: Jun 02 05:34:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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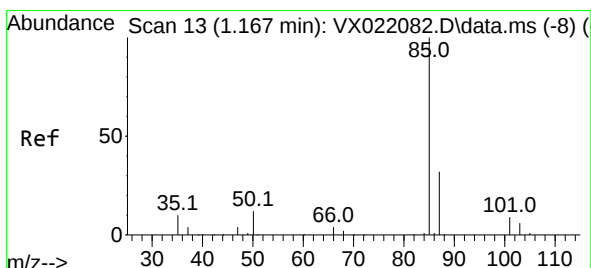
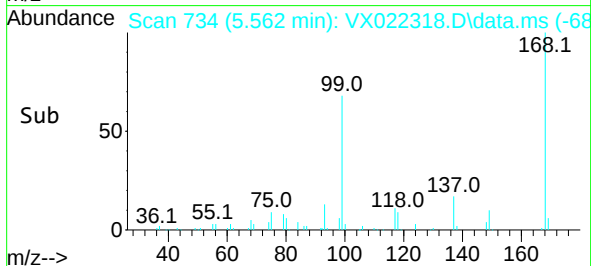
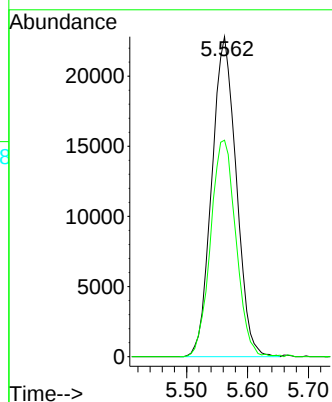


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

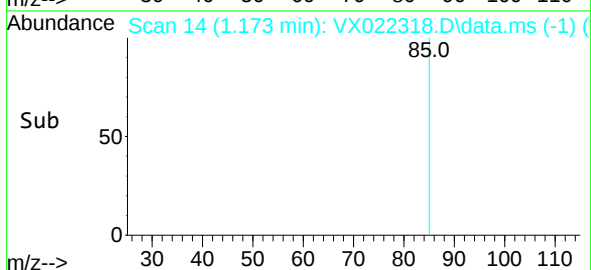
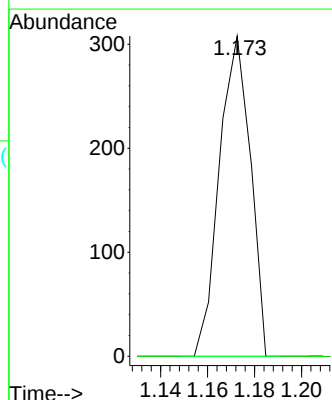
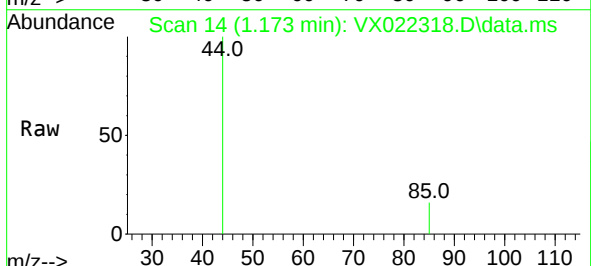


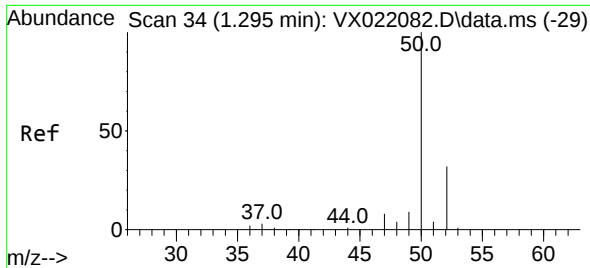
Tgt Ion:168 Resp: 63605
Ion Ratio Lower Upper
168 100
99 67.6 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.36 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 85 Resp: 282
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

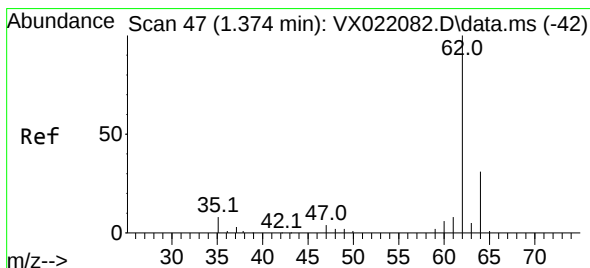
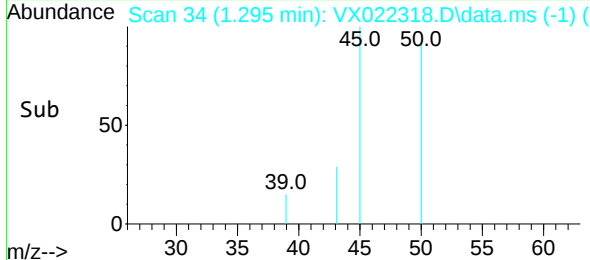
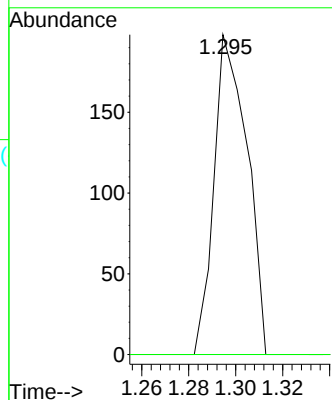
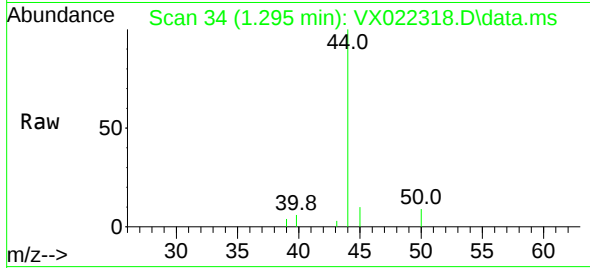




#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

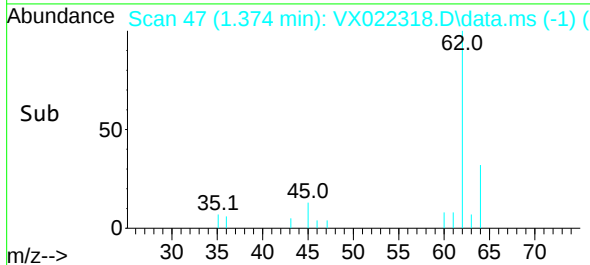
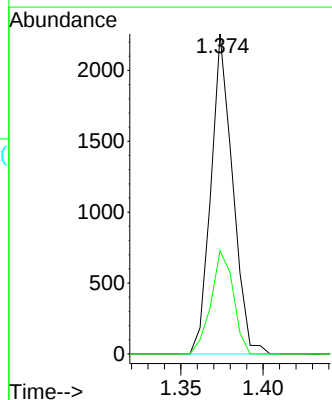
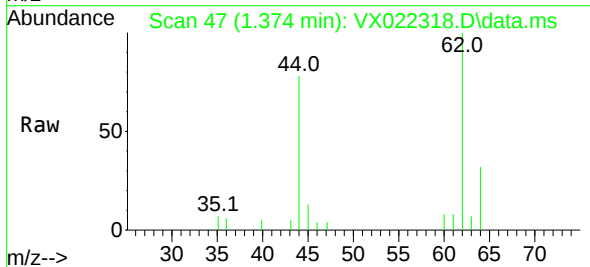
Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

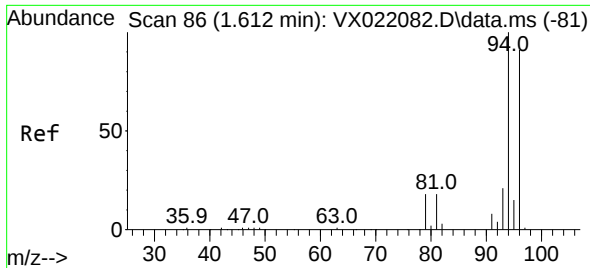
Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



#4
Vinyl Chloride
Concen: 2.35 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 62 Resp: 2073
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5

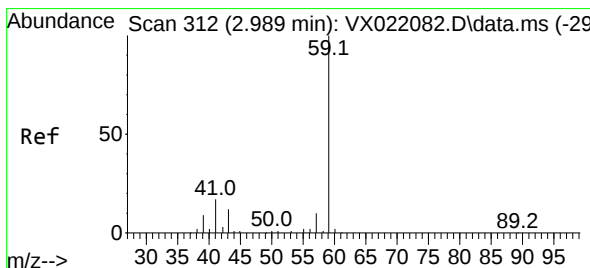
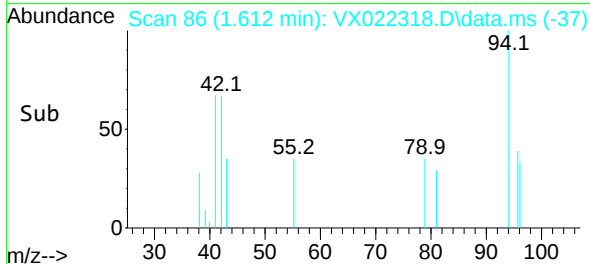
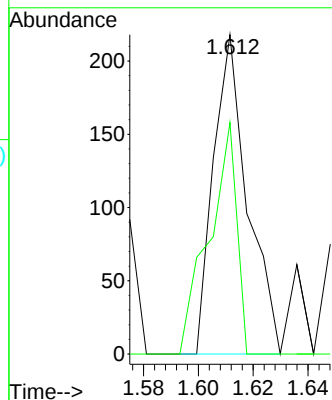
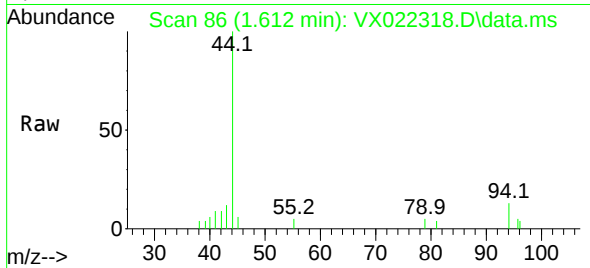




#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

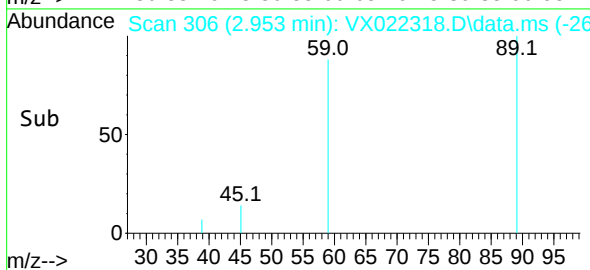
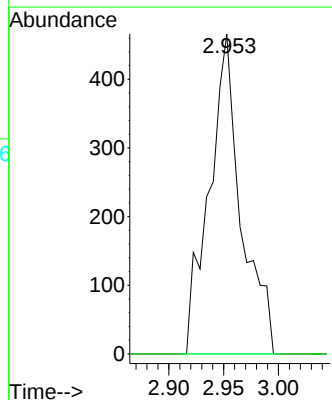
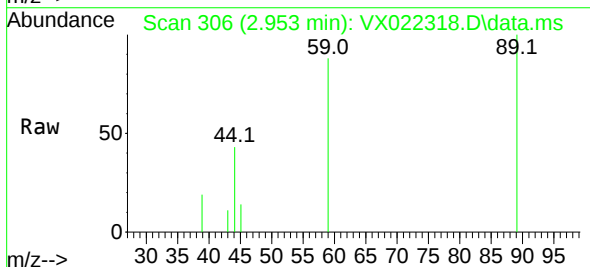
Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

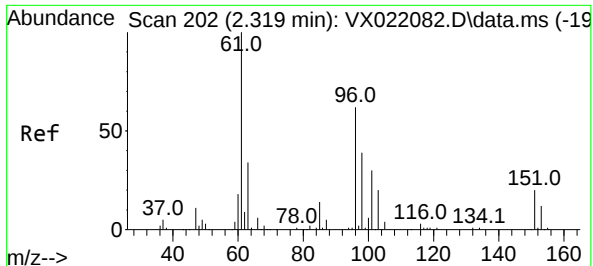
Tgt Ion: 94 Resp: 188
Ion Ratio Lower Upper
94 100
96 72.5 76.4 114.6#



#11
Tert butyl alcohol
Concen: 4.20 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 59 Resp: 943
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.42 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX022318.D

Acq: 02 Jun 2021 02:47

Tgt Ion: 96 Resp: 308

Ion Ratio Lower Upper

96 100

61 85.3 124.6 187.0#

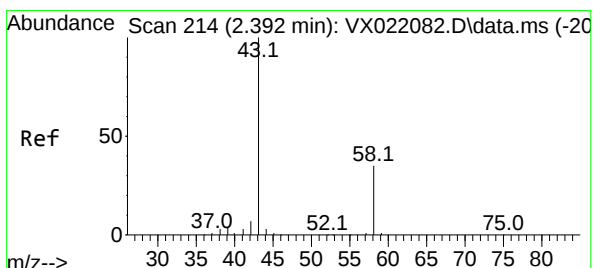
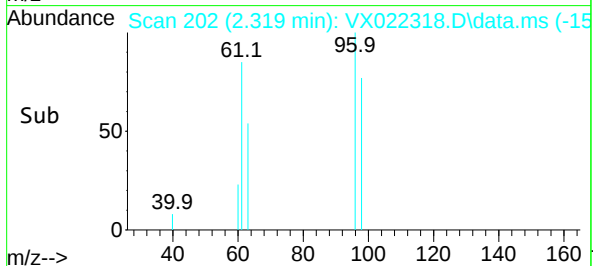
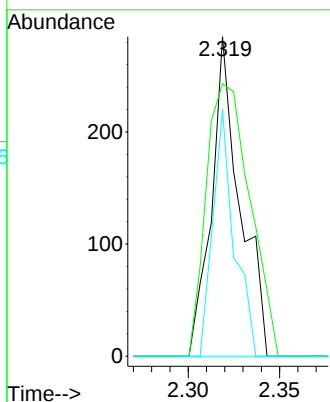
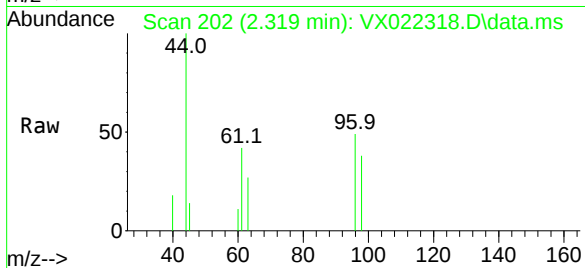
98 77.2 50.6 76.0#

Instrument :

MSVOA_X

ClientSampleId :

45BR-20210528



#16

Acetone

Concen: 2.79 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022318.D

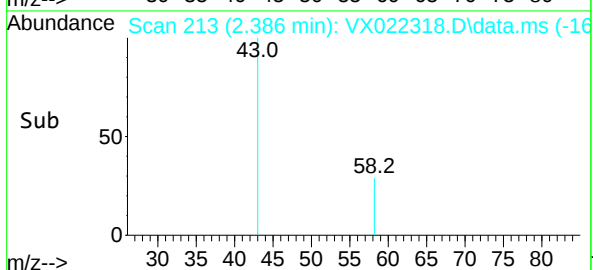
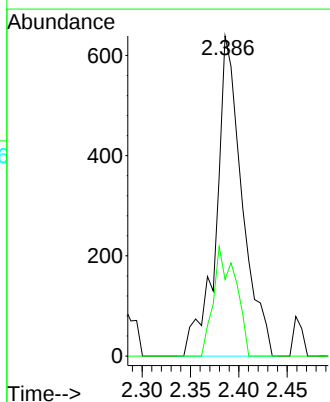
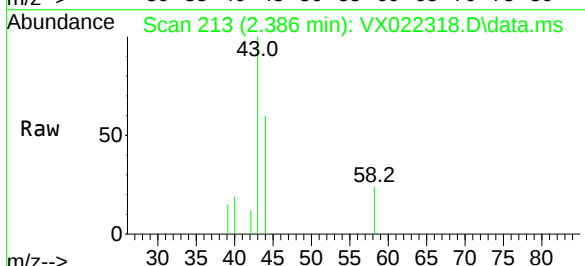
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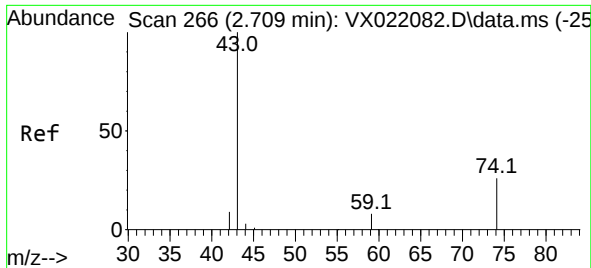
Tgt Ion: 43 Resp: 1191

Ion Ratio Lower Upper

43 100

58 23.9 27.8 41.8#

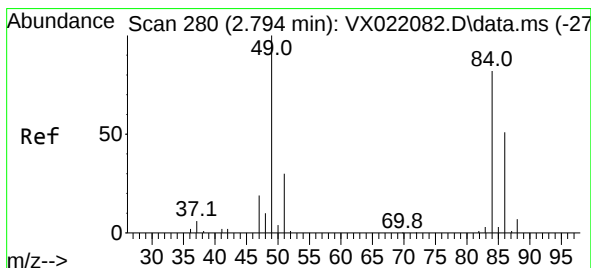
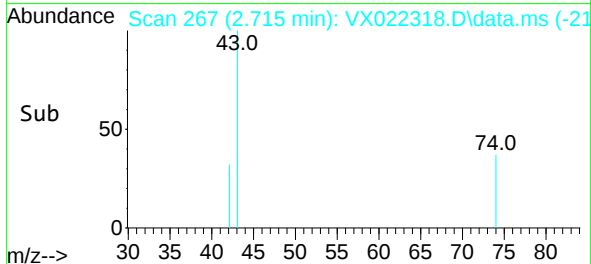
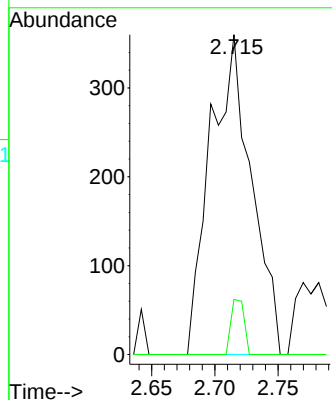
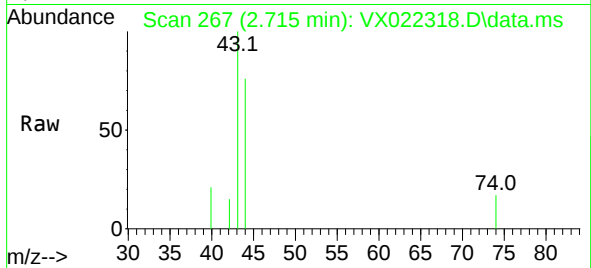




#18
Methyl Acetate
Concen: 0.72 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

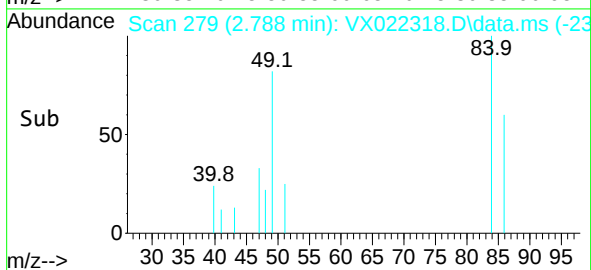
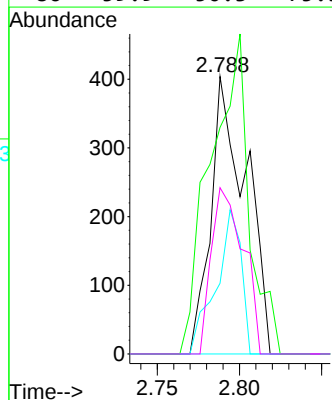
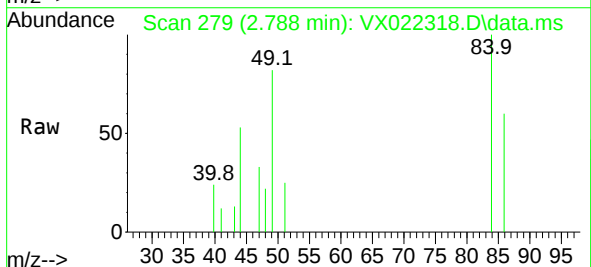
Instrument :
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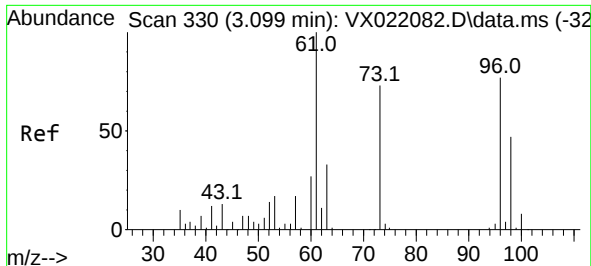
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
74 5.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.63 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 84 Resp: 601
Ion Ratio Lower Upper
84 100
49 81.7 88.6 132.8#
51 25.5 27.0 40.6#
86 59.9 50.3 75.5

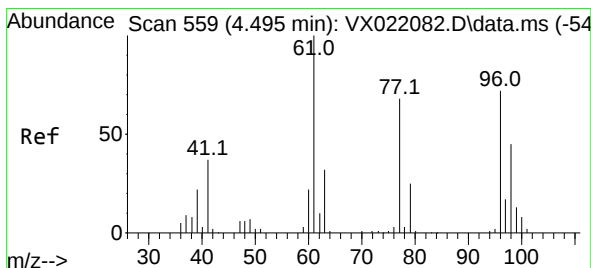
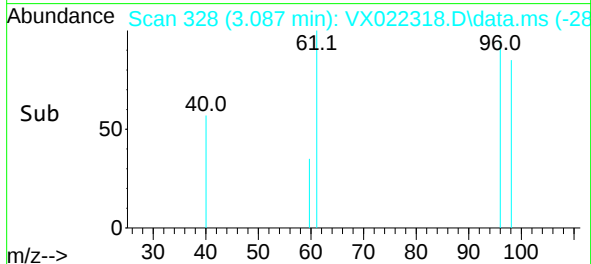
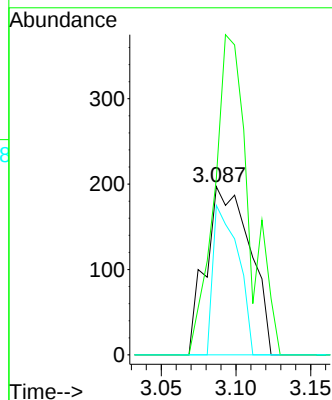
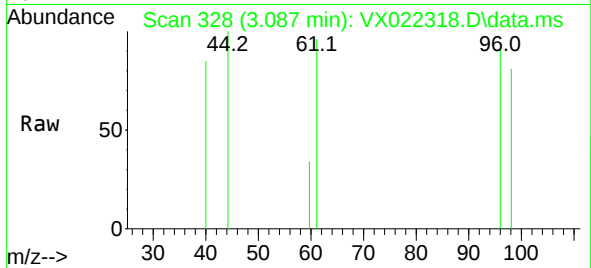




#21
trans-1,2-Dichloroethene
Concen: 0.51 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.012 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

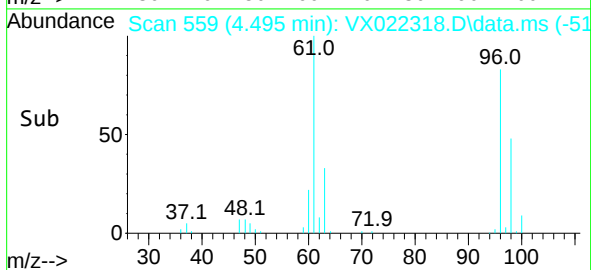
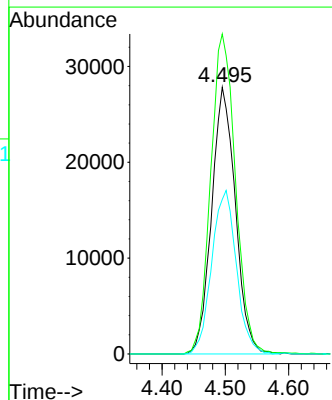
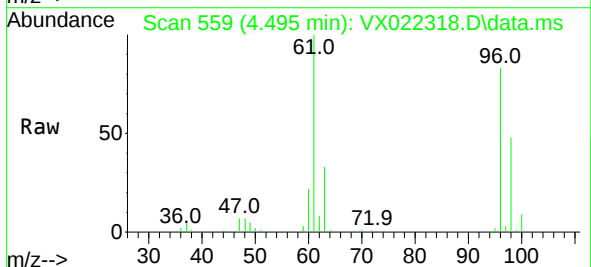
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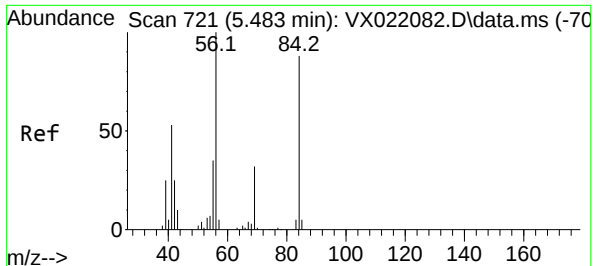
Tgt Ion: 96 Resp: 403
Ion Ratio Lower Upper
96 100
61 105.1 107.7 161.5#
98 88.8 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 75.24 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 96 Resp: 72550
Ion Ratio Lower Upper
96 100
61 125.2 0.0 285.6
98 63.7 0.0 129.6

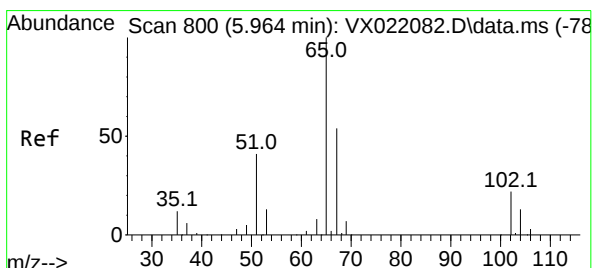
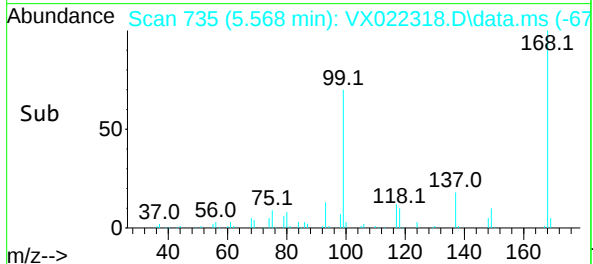
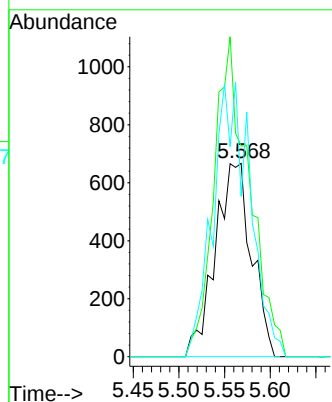
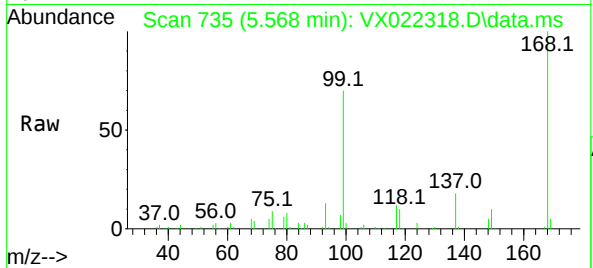




#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

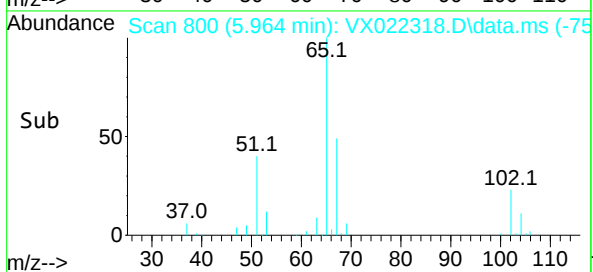
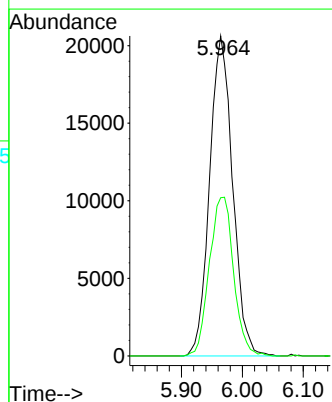
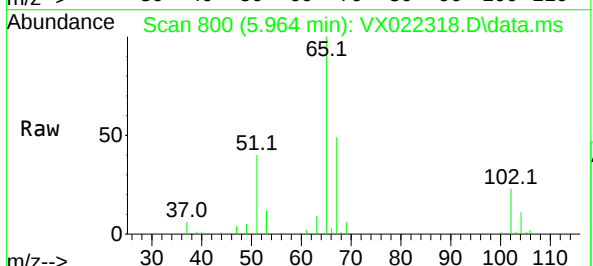
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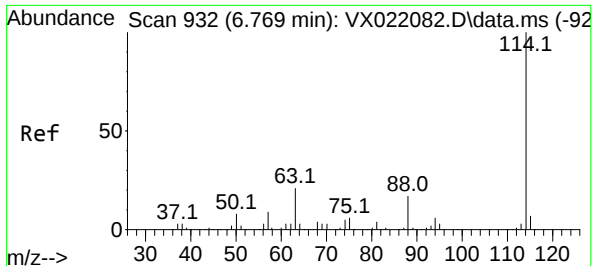
Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 109.0 25.3 37.9#
84 95.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 55.22 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 65 Resp: 54177
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

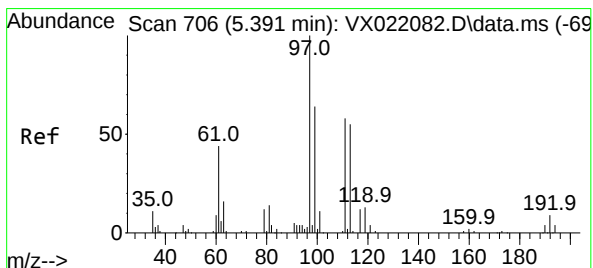
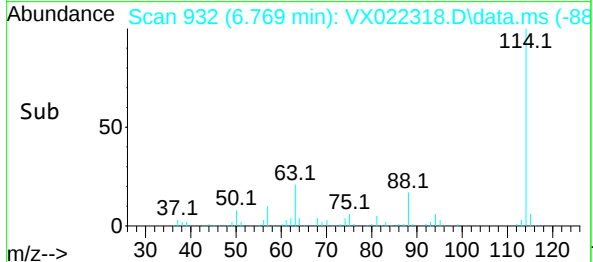
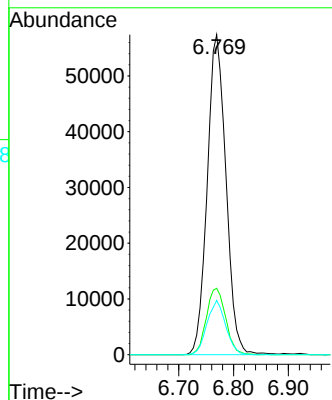
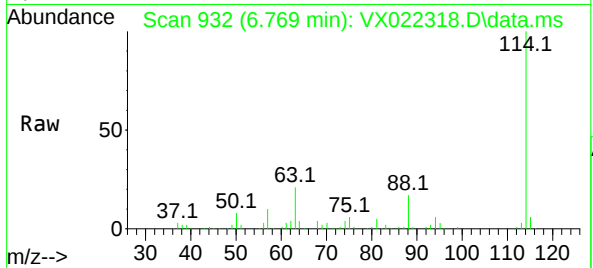




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

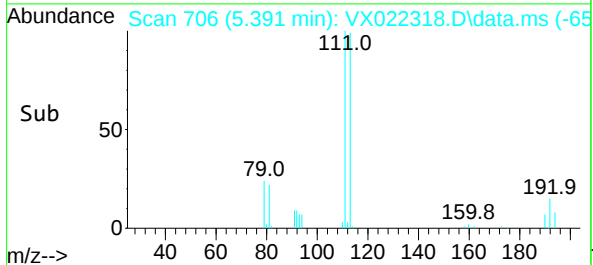
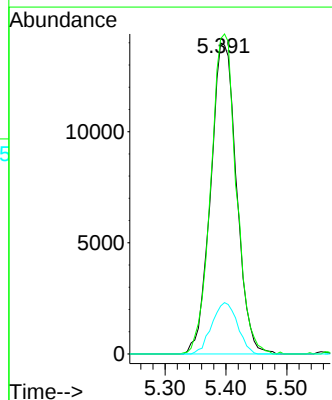
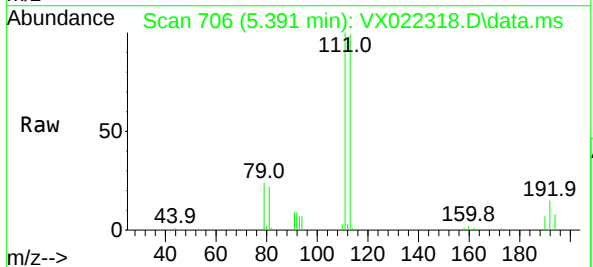
Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

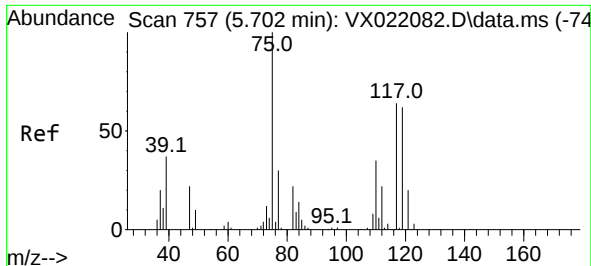
Tgt Ion:114 Resp: 135970
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.78 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion:113 Resp: 41197
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 16.3 16.7 25.1#

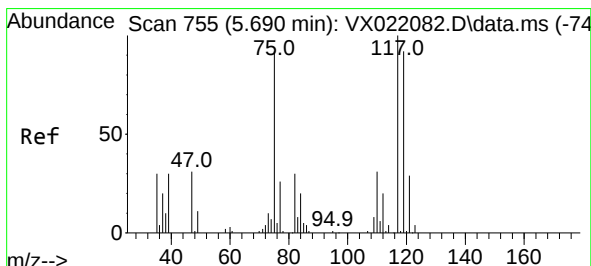
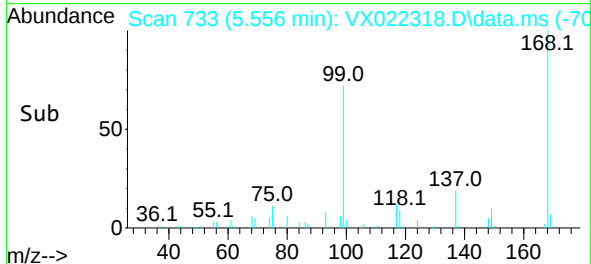
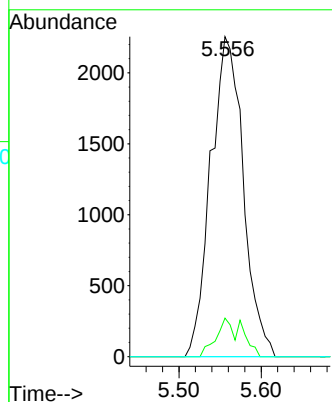
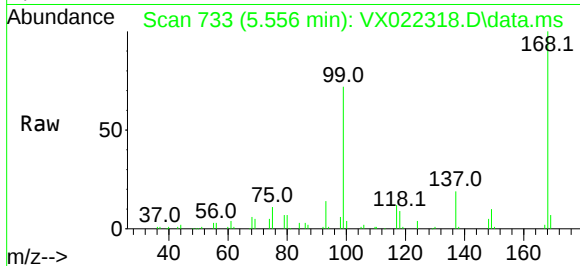




#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

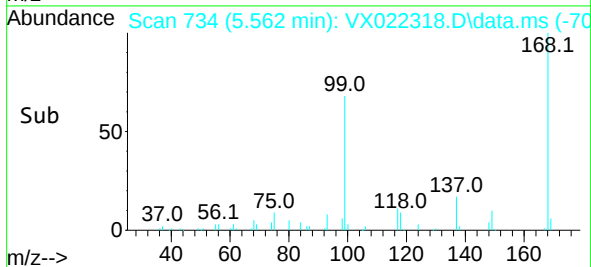
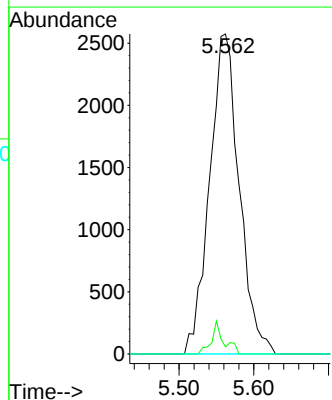
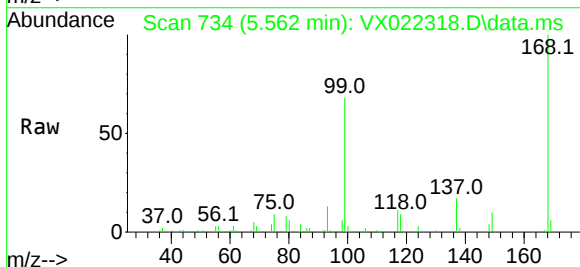
Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

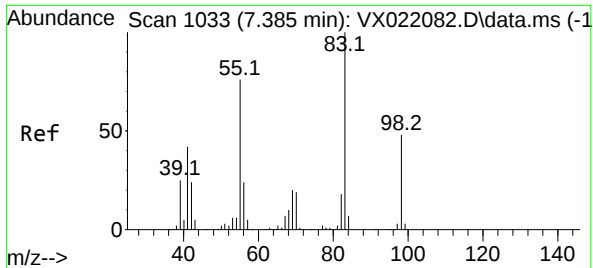
Tgt Ion: 75 Resp: 6191
Ion Ratio Lower Upper
75 100
110 6.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 117 Resp: 7084
Ion Ratio Lower Upper
117 100
119 2.2 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.78 ug/l

RT: 7.135 min Scan# 992

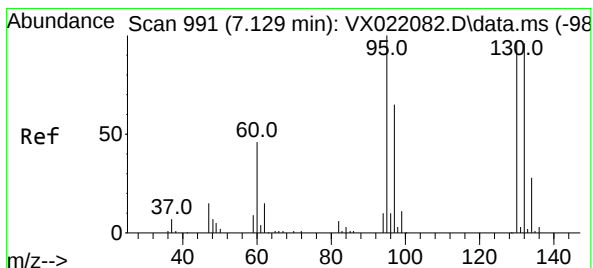
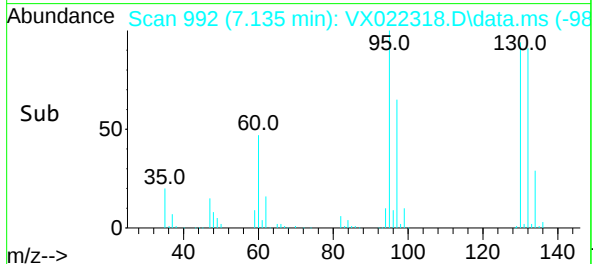
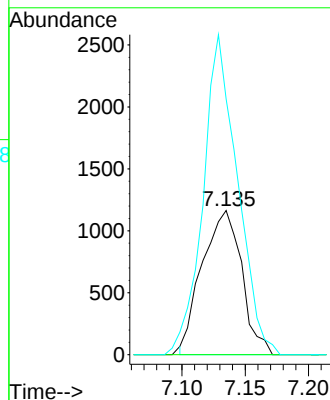
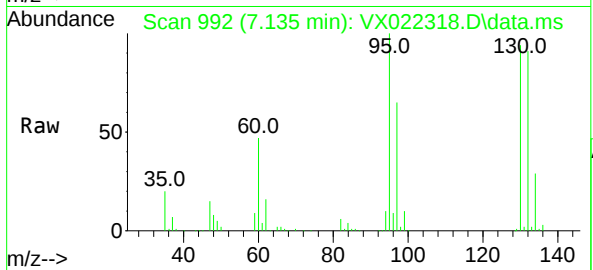
Delta R.T. -0.250 min

Lab File: VX022318.D

Acq: 02 Jun 2021 02:47

Tgt Ion:	83	Resp:	2533
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	177.4	38.1	57.1#

Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528



#44

Trichloroethene

Concen: 205.85 ug/l

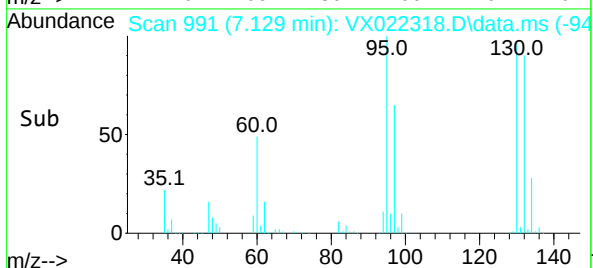
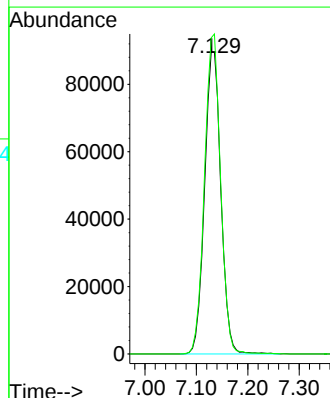
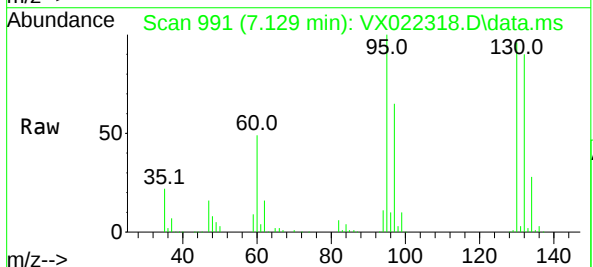
RT: 7.129 min Scan# 991

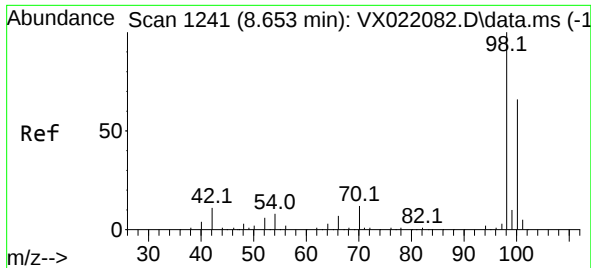
Delta R.T. -0.000 min

Lab File: VX022318.D

Acq: 02 Jun 2021 02:47

Tgt Ion:	130	Resp:	197891
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	198.0

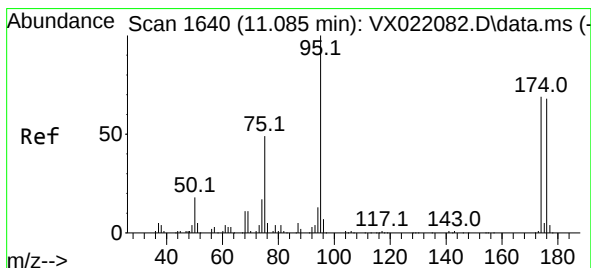
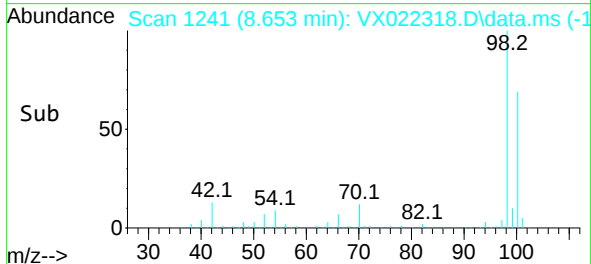
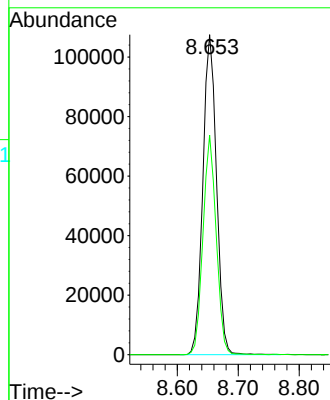
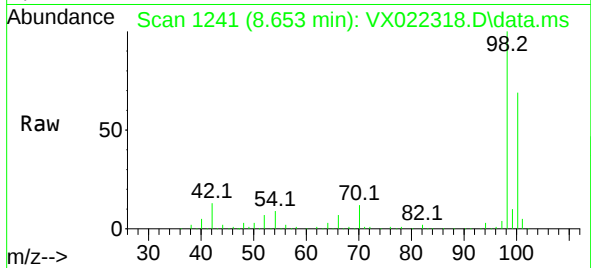




#50
Toluene-d8
Concen: 50.39 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

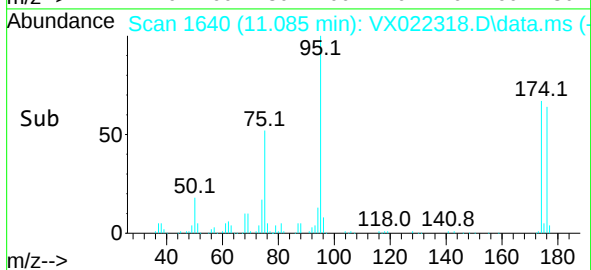
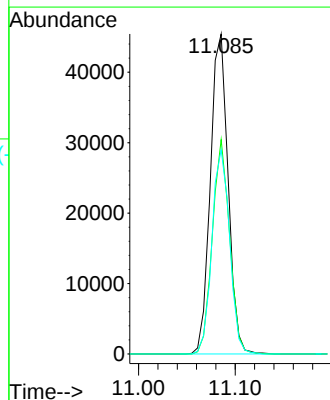
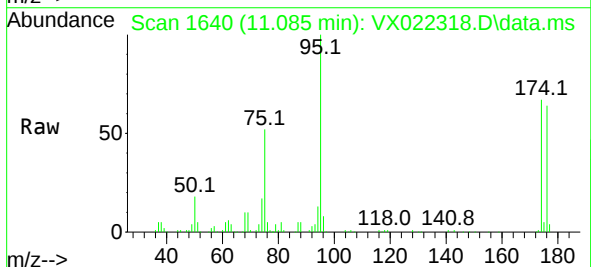
Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

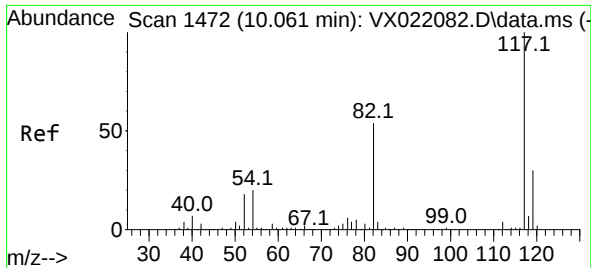
Tgt Ion: 98 Resp: 167377
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 95 Resp: 57894
Ion Ratio Lower Upper
95 100
174 65.0 0.0 154.6
176 63.7 0.0 155.8

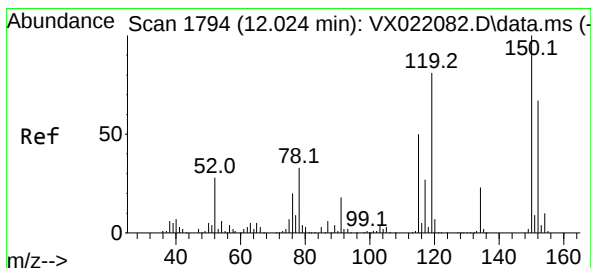
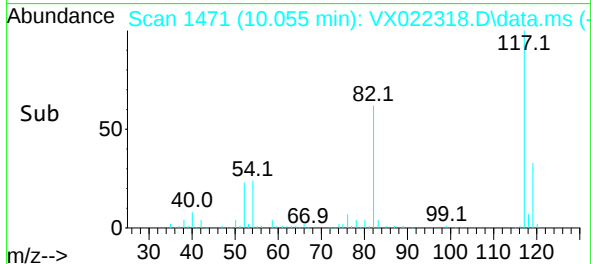
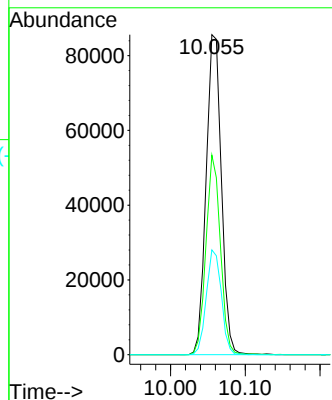
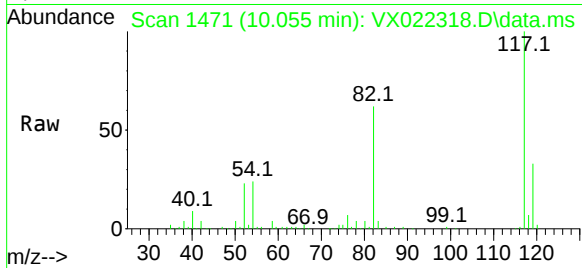




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

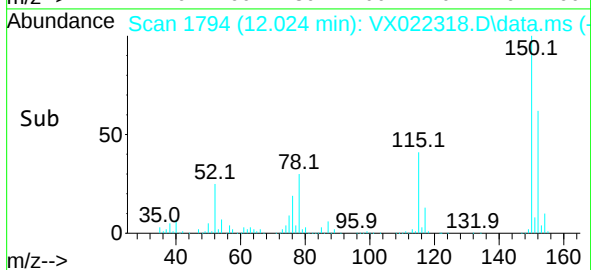
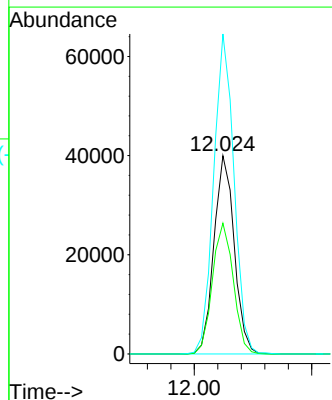
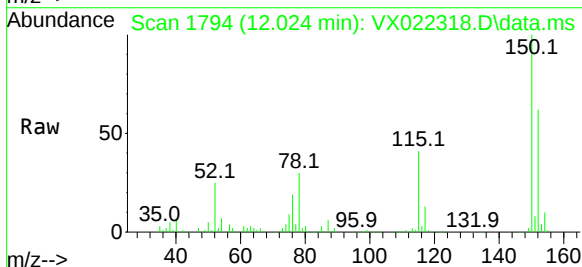
Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

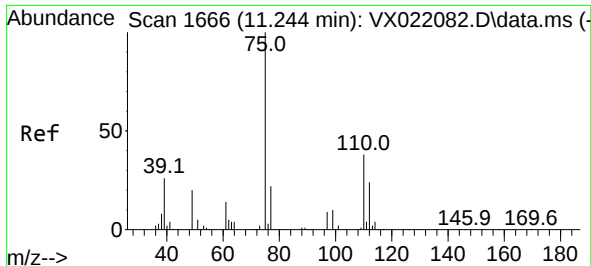
Tgt Ion:117 Resp: 121310
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion:152 Resp: 48073
Ion Ratio Lower Upper
152 100
115 67.7 41.1 123.3
150 161.0 0.0 349.0

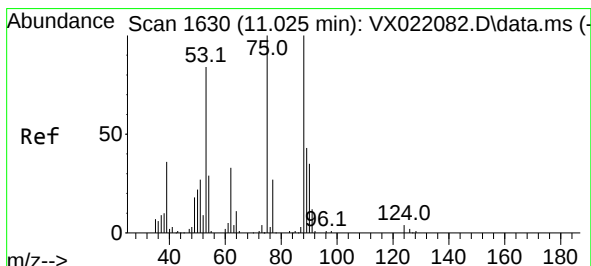
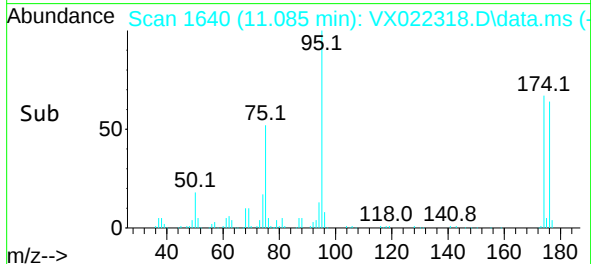
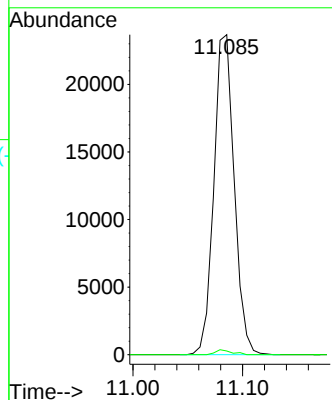
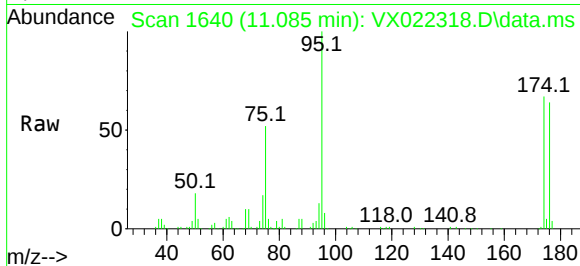




#76
1,2,3-Trichloropropane
Concen: 25.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Instrument :
MSVOA_X
ClientSampleId :
45BR-20210528

Tgt Ion: 75 Resp: 30522
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022318.D
Acq: 02 Jun 2021 02:47

Tgt Ion: 75 Resp: 30522
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

