

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022325.D
 Acq On : 02 Jun 2021 05:32
 Operator : JC/MD
 Sample : M2561-03DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 24BR-20210526DL

Quant Time: Jun 02 05:57:11 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)

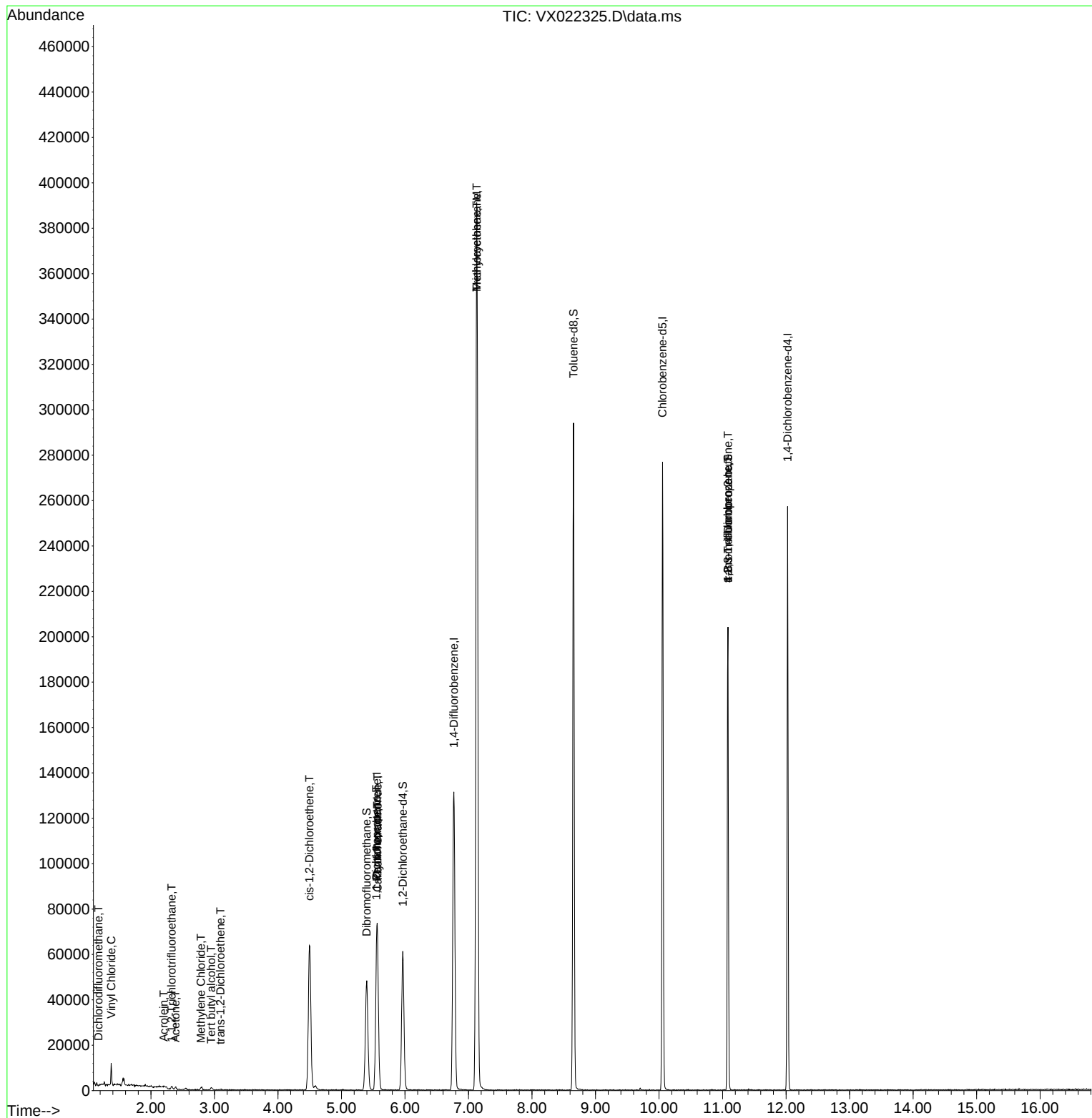
Internal Standards						
1) Pentafluorobenzene	5.556	168	62481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53596	55.61	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.22%		
35) Dibromofluoromethane	5.397	113	40286	46.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.66%		
50) Toluene-d8	8.653	98	165673	49.99	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.98%		
62) 4-Bromofluorobenzene	11.085	95	55638	45.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	155	0.20	ug/l #	42
4) Vinyl Chloride	1.374	62	5077	5.86	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	562	0.76	ug/l #	74
11) Tert butyl alcohol	2.947	59	686	3.11	ug/l #	73
13) Acrolein	2.203	56	78	0.53	ug/l #	14
16) Acetone	2.386	43	1080	2.57	ug/l #	85
20) Methylene Chloride	2.788	84	551	0.59	ug/l #	67
21) trans-1,2-Dichloroethene	3.093	96	157	0.20	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	39809	42.03	ug/l	91
31) Cyclohexane	5.562	56	1882	1.55	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	5988	4.77	ug/l #	48
38) Carbon Tetrachloride	5.568	117	7455	6.08	ug/l #	19
39) Methylcyclohexane	7.129	83	1978	1.39	ug/l #	1
44) Trichloroethene	7.129	130	136908	142.75	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	28963	26.55	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28963	62.91	ug/l #	12

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

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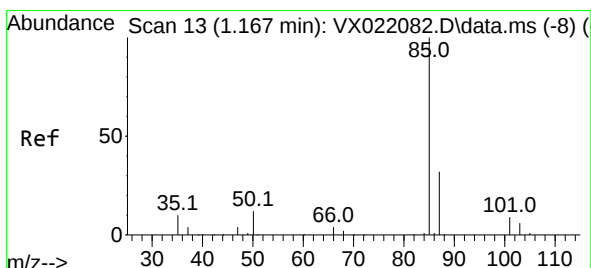
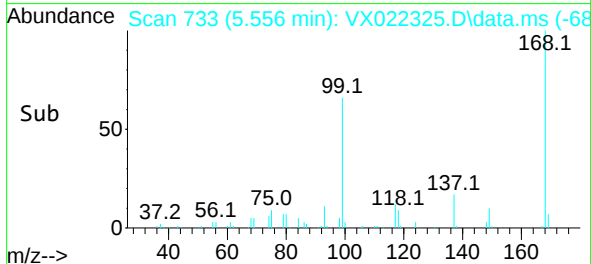
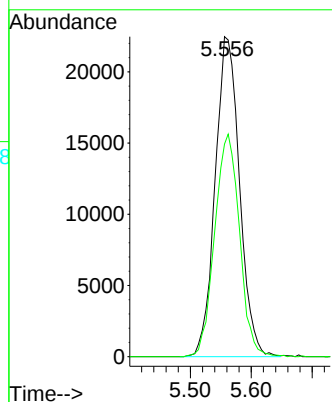
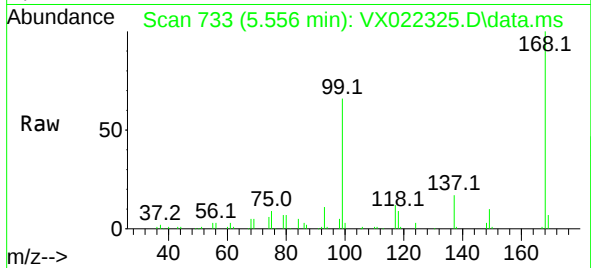




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

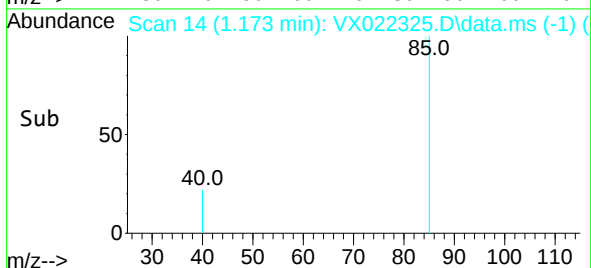
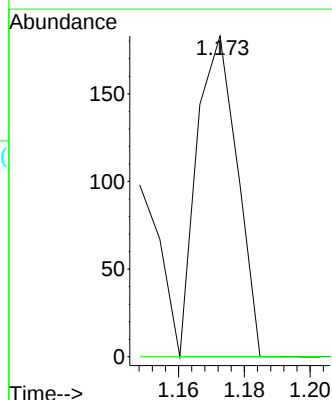
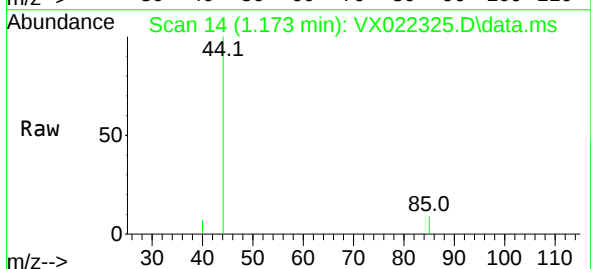
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL

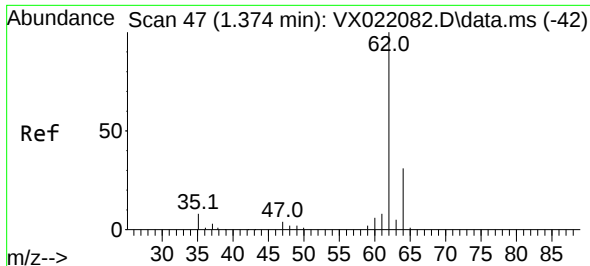
Tgt Ion:168 Resp: 62481
Ion Ratio Lower Upper
168 100
99 66.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.20 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Tgt Ion: 85 Resp: 155
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

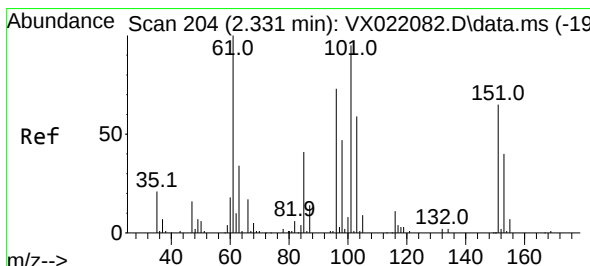
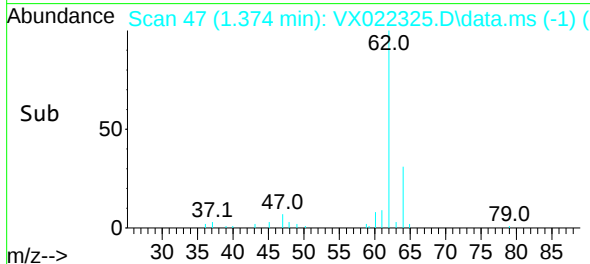
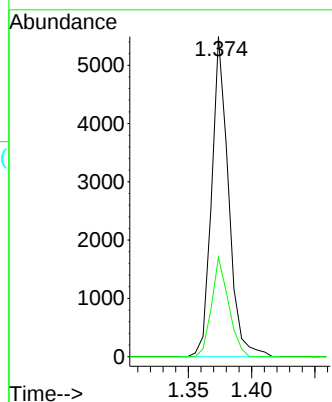
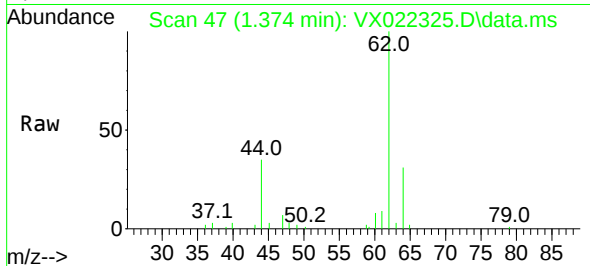




#4
 Vinyl Chloride
 Concen: 5.86 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022325.D
 Acq: 02 Jun 2021 05:32

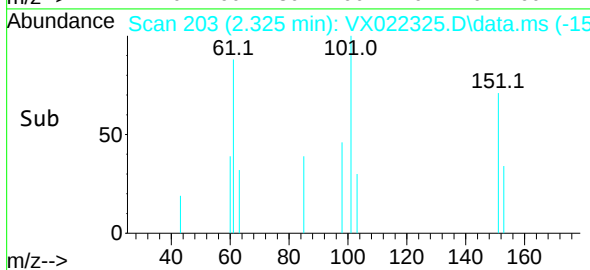
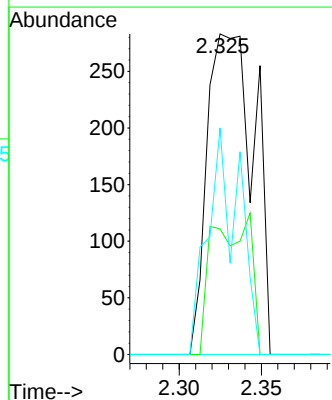
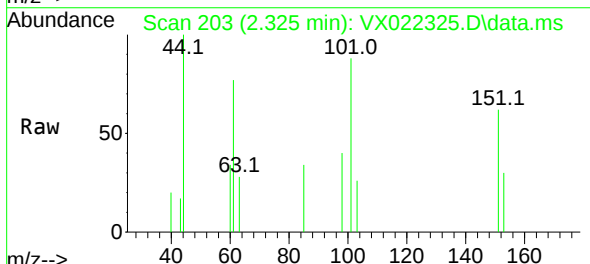
Instrument :
 MSVOA_X
 ClientSampleId :
 24BR-20210526DL

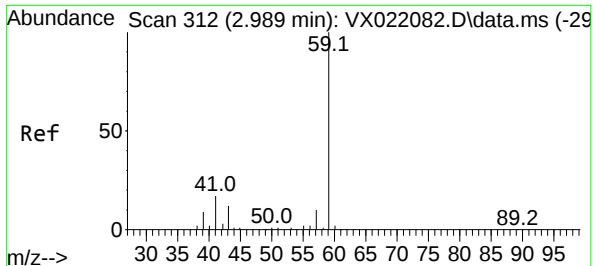
Tgt Ion: 62 Resp: 5077
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.76 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX022325.D
 Acq: 02 Jun 2021 05:32

Tgt Ion: 101 Resp: 562
 Ion Ratio Lower Upper
 101 100
 85 35.4 34.9 52.3
 151 47.3 61.4 92.2#



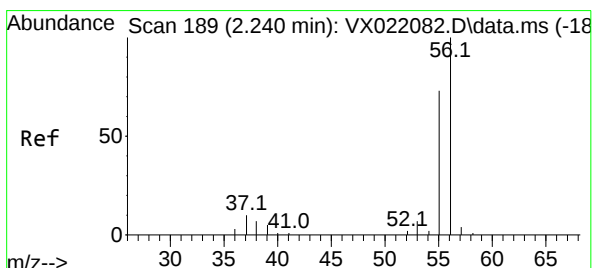
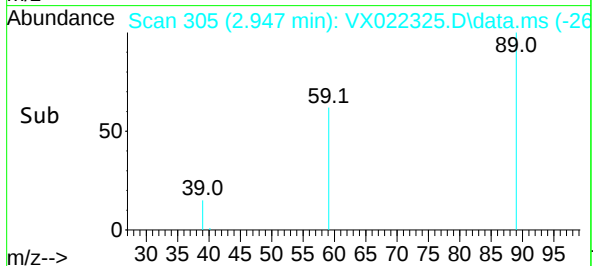
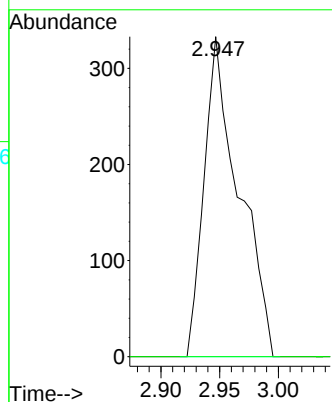
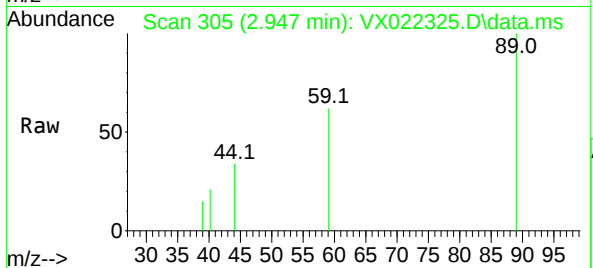


#11

Tert butyl alcohol
Concen: 3.11 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL

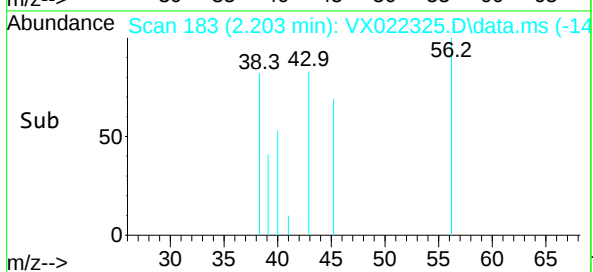
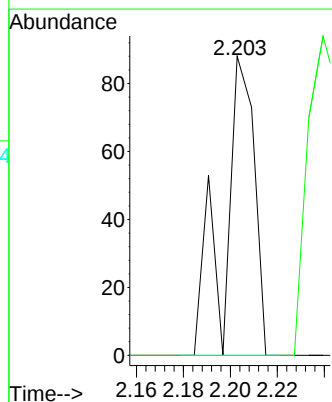
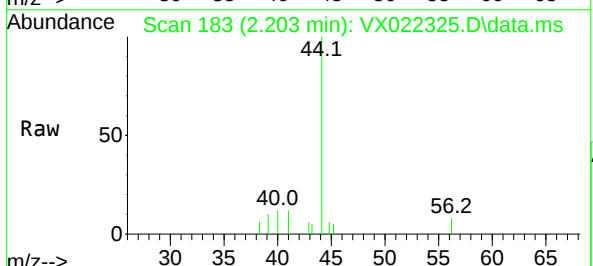
Tgt Ion: 59 Resp: 686
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

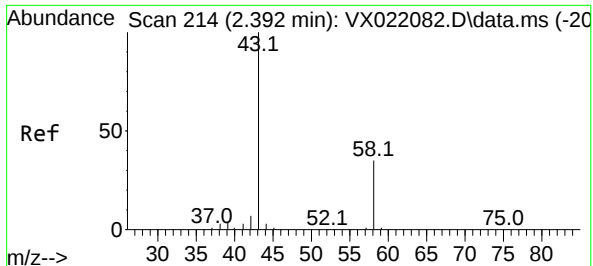


#13

Acrolein
Concen: 0.53 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.037 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

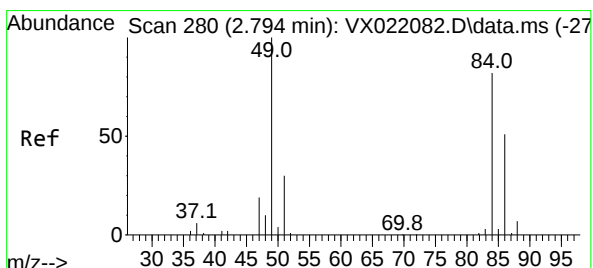
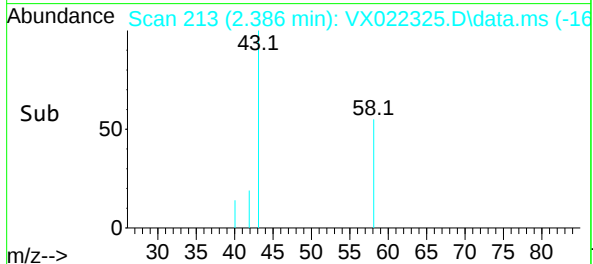
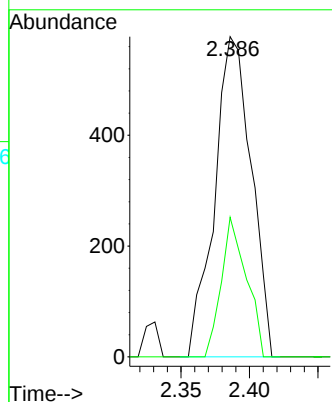
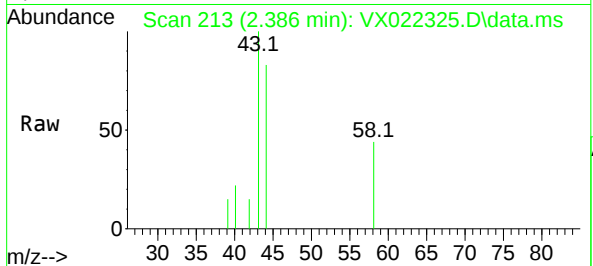




#16
Acetone
Concen: 2.57 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

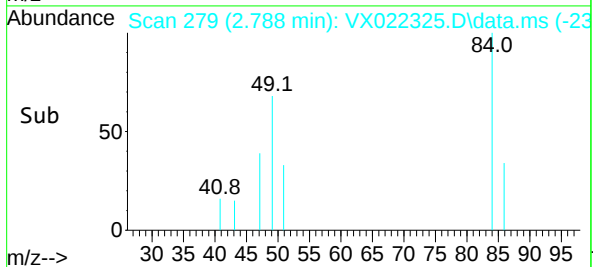
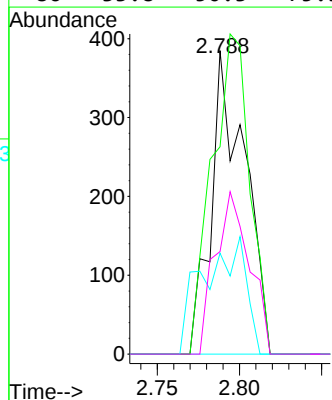
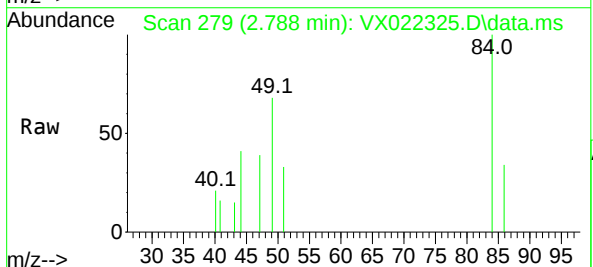
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL

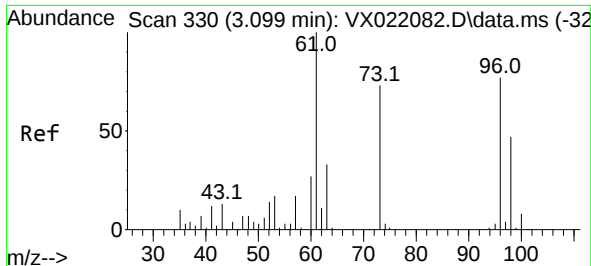
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 43.6 27.8 41.8#



#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

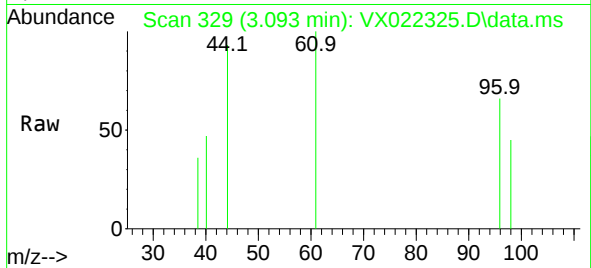
Tgt Ion: 84 Resp: 551
Ion Ratio Lower Upper
84 100
49 68.3 88.6 132.8#
51 33.2 27.0 40.6
86 33.8 50.3 75.5#



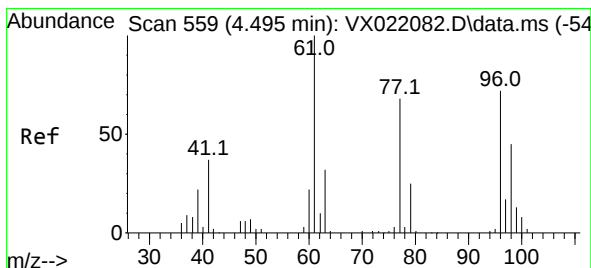
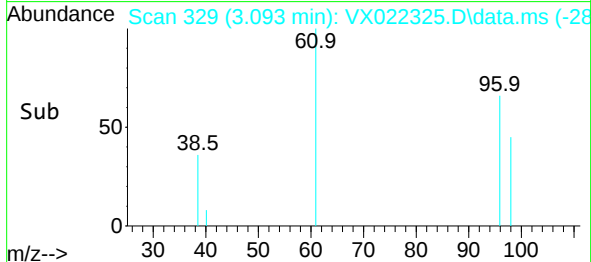
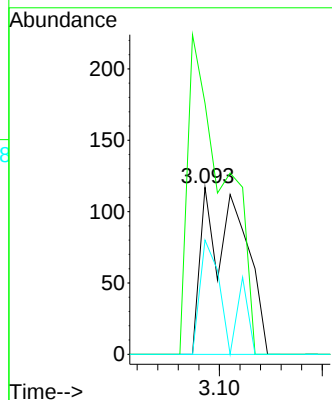


#21
trans-1,2-Dichloroethene
Concen: 0.20 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL

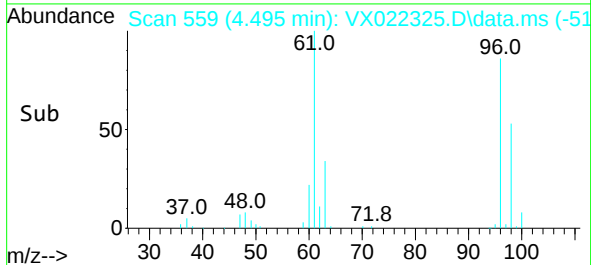
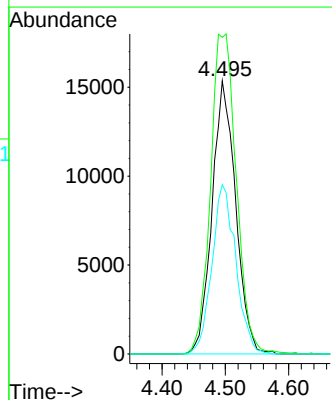
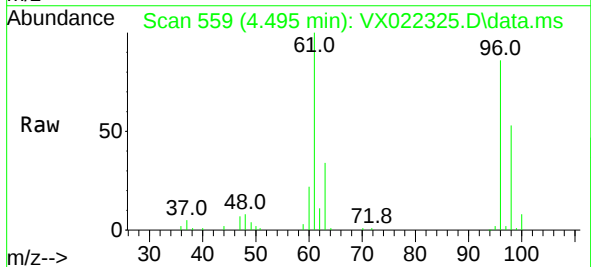


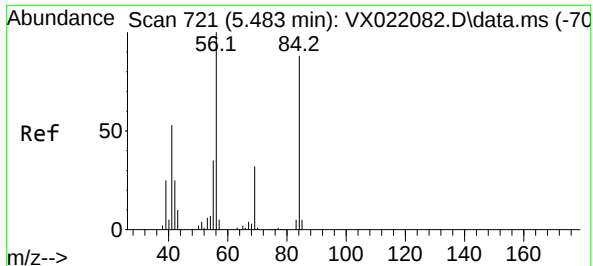
Tgt Ion: 96 Resp: 157
Ion Ratio Lower Upper
96 100
61 150.4 107.7 161.5
98 68.4 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 42.03 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

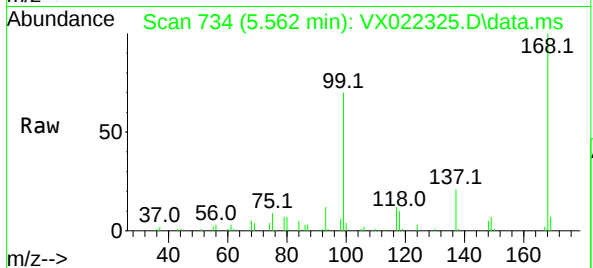
Tgt Ion: 96 Resp: 39809
Ion Ratio Lower Upper
96 100
61 128.4 0.0 285.6
98 62.8 0.0 129.6



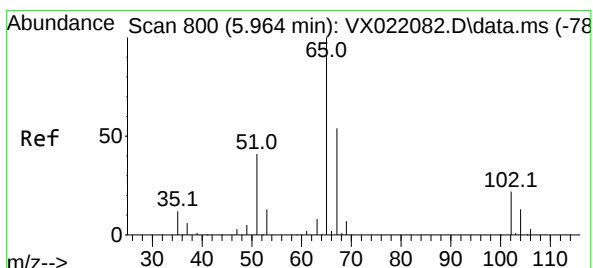
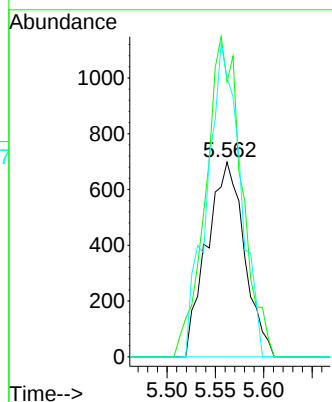
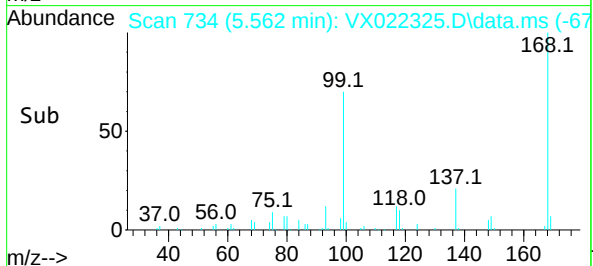


#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

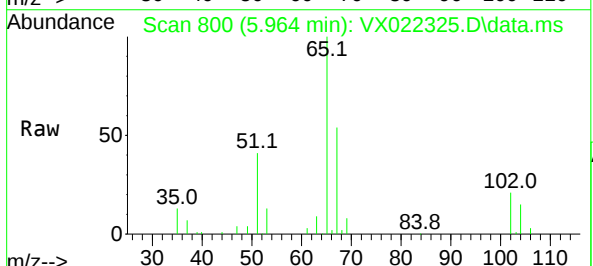
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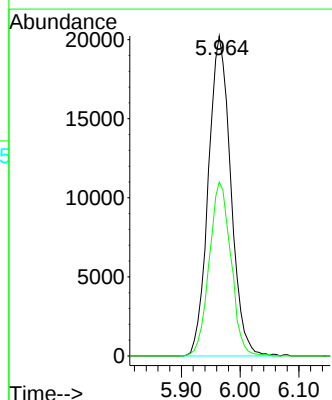
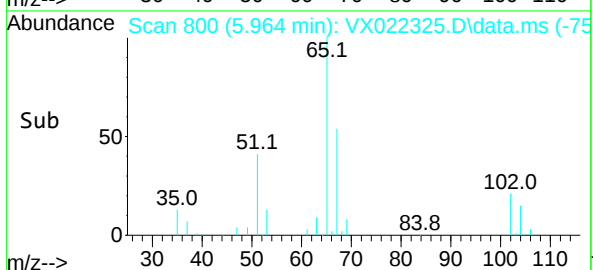
Tgt Ion: 56 Resp: 1882
Ion Ratio Lower Upper
56 100
69 141.4 25.3 37.9#
84 143.4 71.4 107.0#

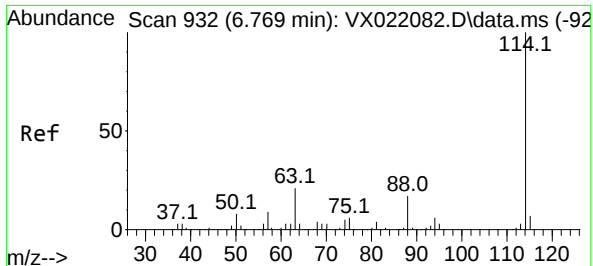


#33
1,2-Dichloroethane-d4
Concen: 55.61 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32



Tgt Ion: 65 Resp: 53596
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

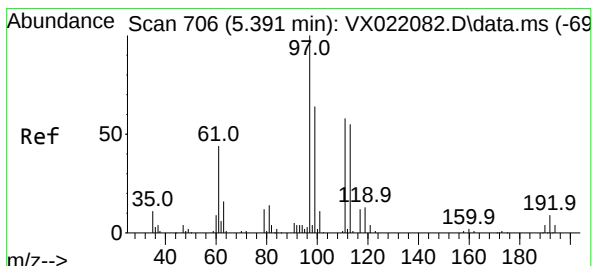
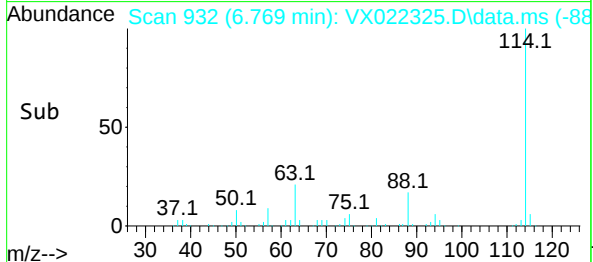
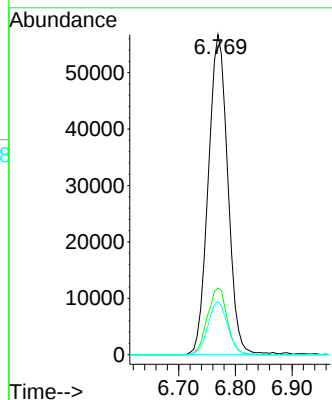
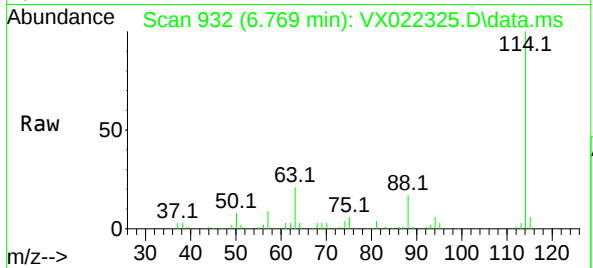




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

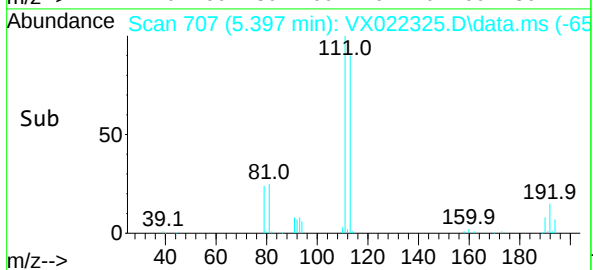
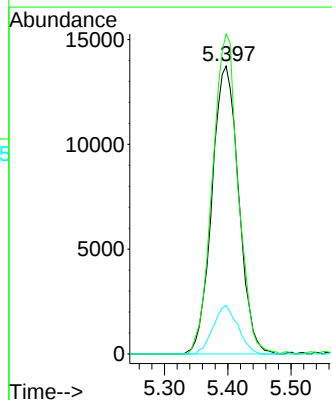
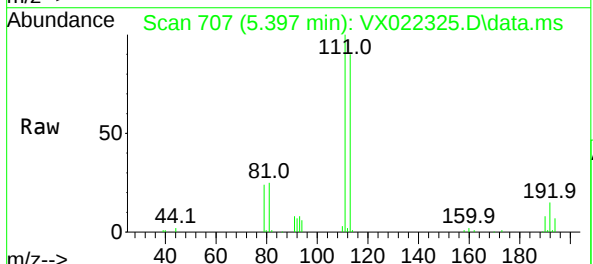
Instrument :
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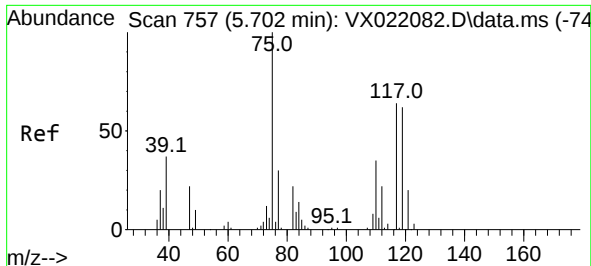
Tgt Ion:114 Resp: 135656
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.83 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Tgt Ion:113 Resp: 40286
Ion Ratio Lower Upper
113 100
111 107.3 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.77 ug/l

RT: 5.550 min Scan# 732

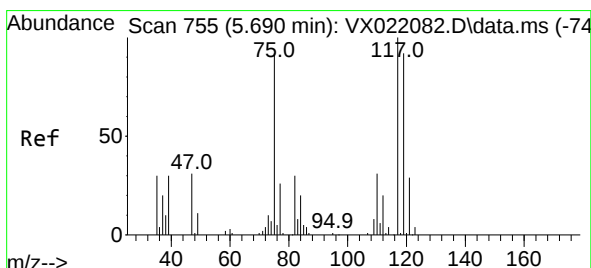
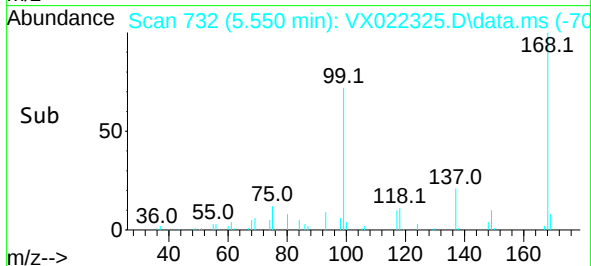
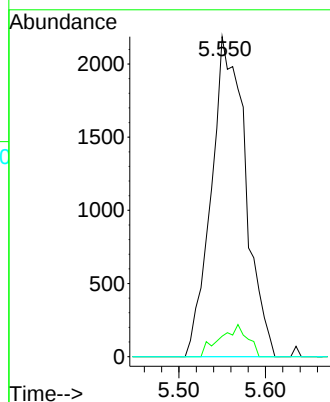
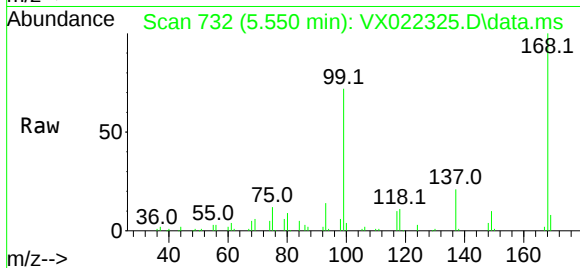
Delta R.T. -0.152 min

Lab File: VX022325.D

Acq: 02 Jun 2021 05:32

Tgt Ion:	75	Resp:	5988
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL



#38

Carbon Tetrachloride

Concen: 6.08 ug/l

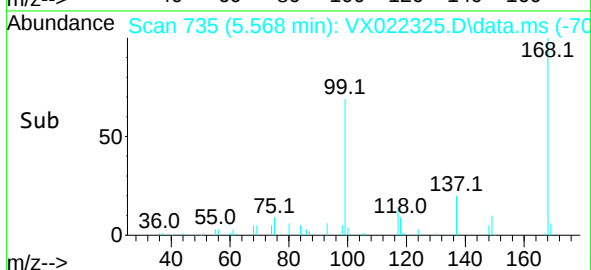
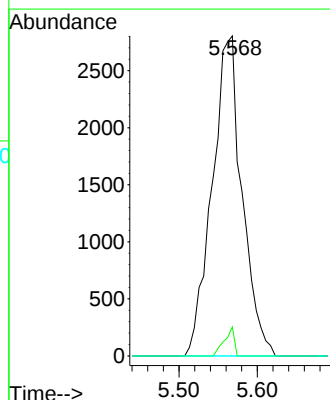
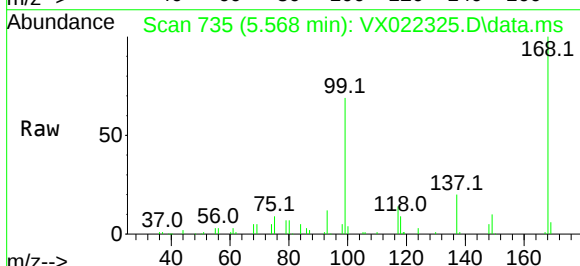
RT: 5.568 min Scan# 735

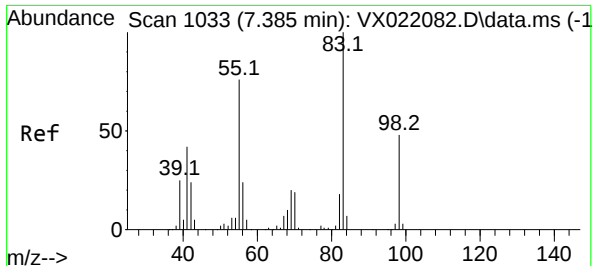
Delta R.T. -0.122 min

Lab File: VX022325.D

Acq: 02 Jun 2021 05:32

Tgt Ion:	117	Resp:	7455
Ion	Ratio	Lower	Upper
117	100		
119	9.1	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 1.39 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022325.D

Acq: 02 Jun 2021 05:32

Tgt Ion: 83 Resp: 1978

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

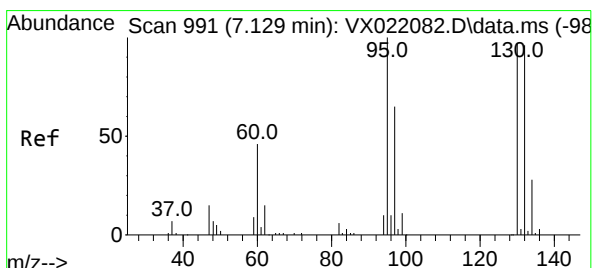
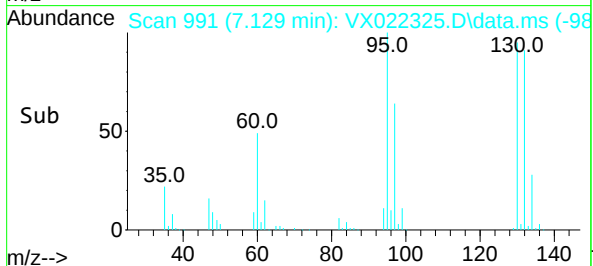
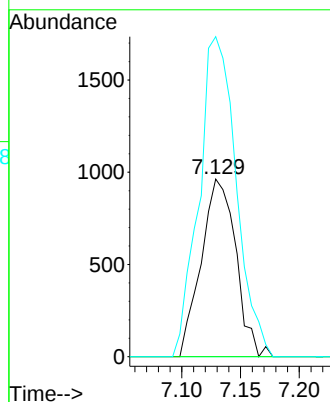
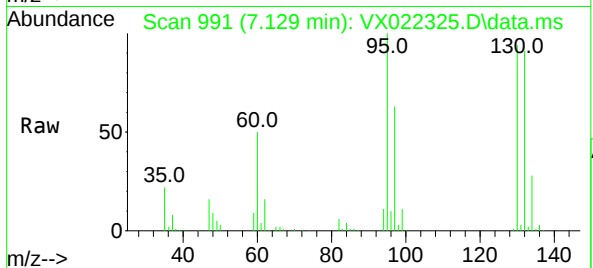
98 180.2 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

24BR-20210526DL



#44

Trichloroethene

Concen: 142.75 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022325.D

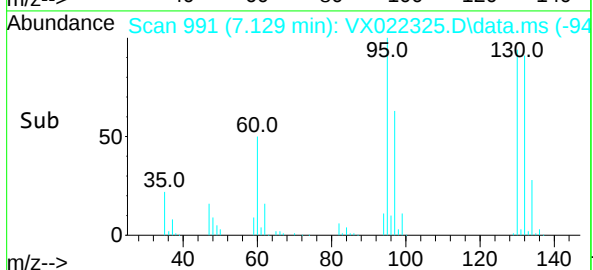
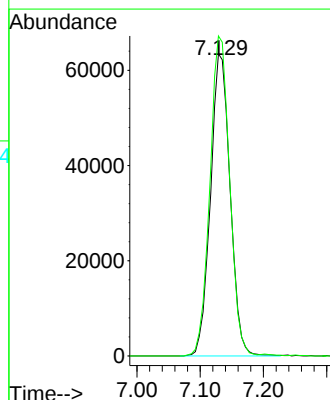
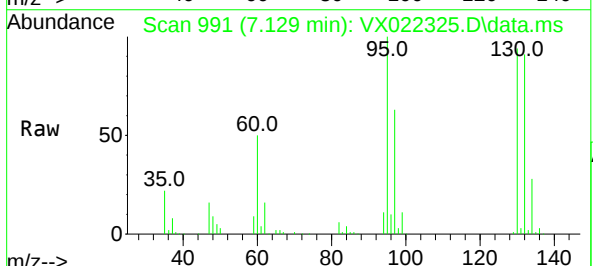
Acq: 02 Jun 2021 05:32

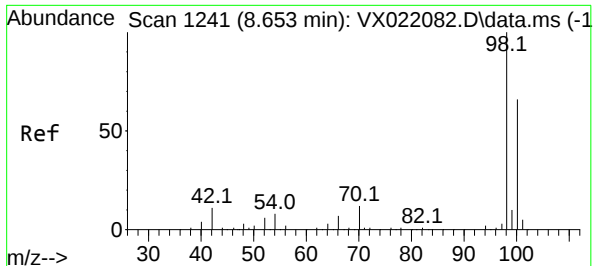
Tgt Ion:130 Resp: 136908

Ion Ratio Lower Upper

130 100

95 105.9 0.0 198.0

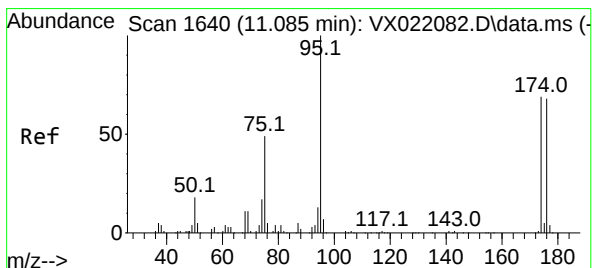
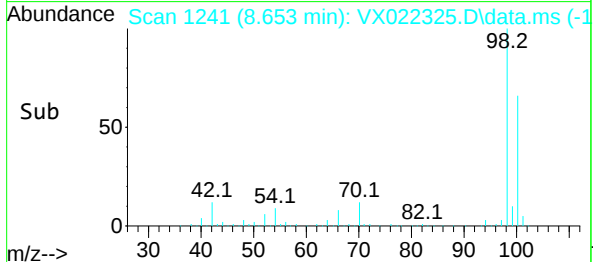
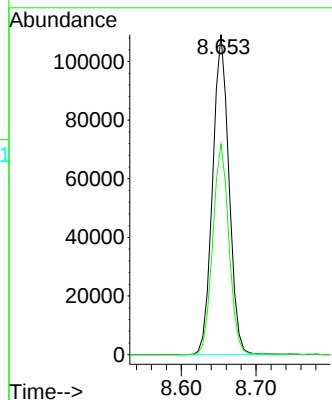
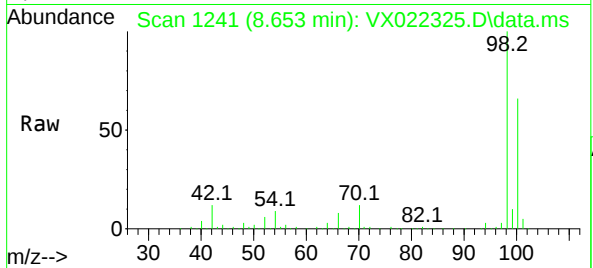




#50
Toluene-d8
Concen: 49.99 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

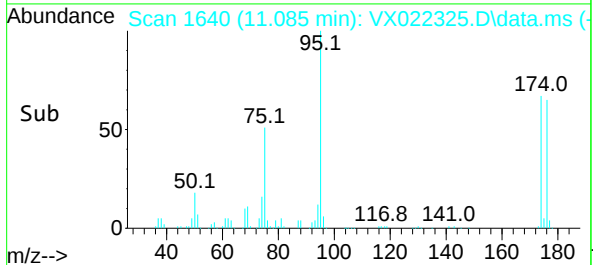
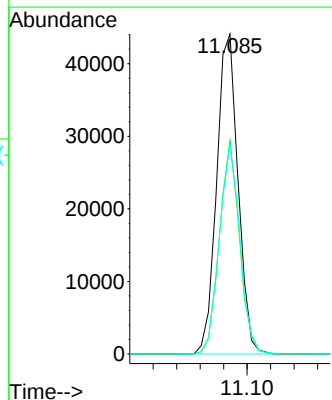
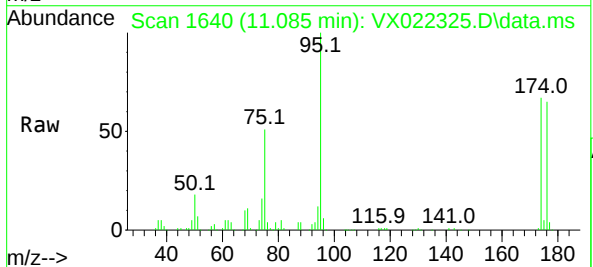
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL

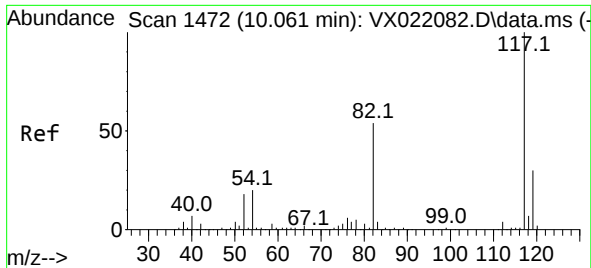
Tgt Ion: 98 Resp: 165673
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.42 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Tgt Ion: 95 Resp: 55638
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 62.8 0.0 155.8

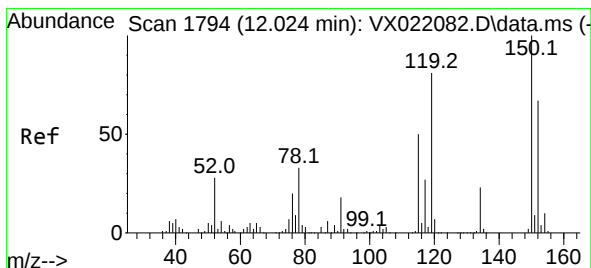
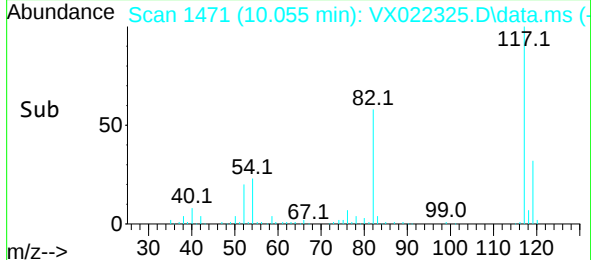
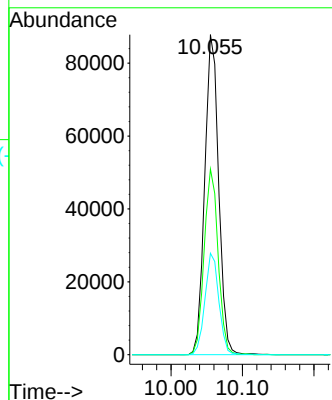
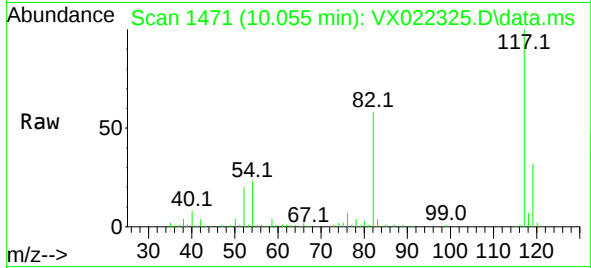




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

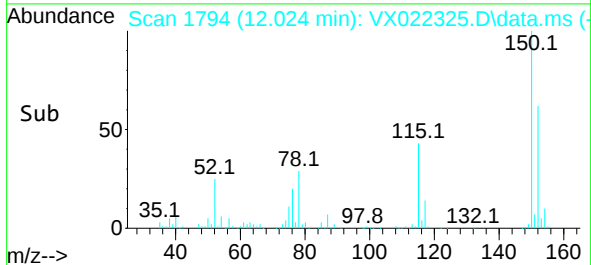
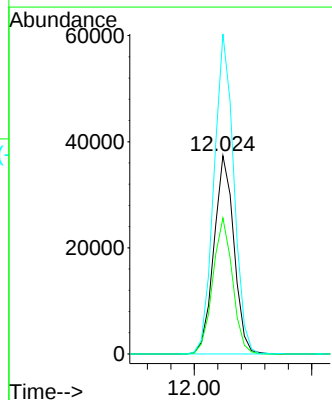
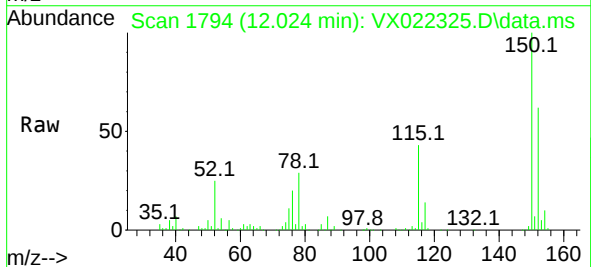
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL

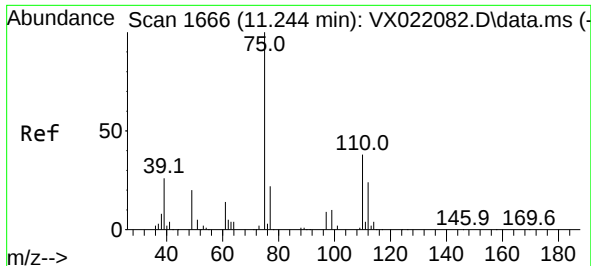
Tgt Ion:117 Resp: 118797
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Tgt Ion:152 Resp: 44216
Ion Ratio Lower Upper
152 100
115 67.1 41.1 123.3
150 159.6 0.0 349.0

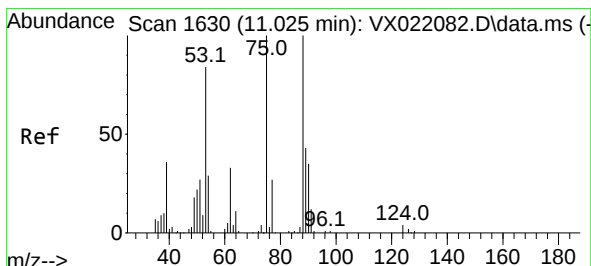
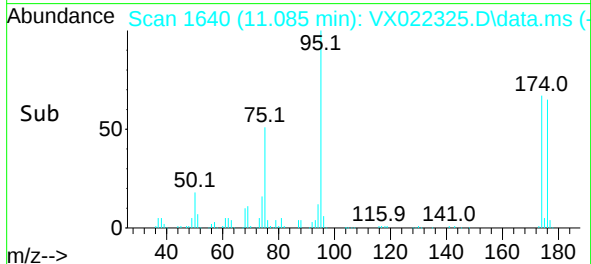
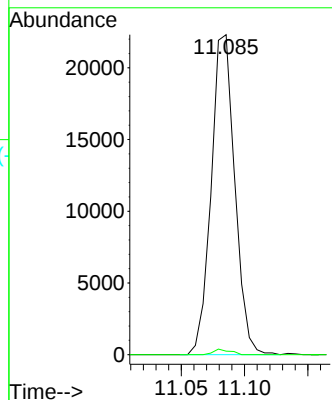
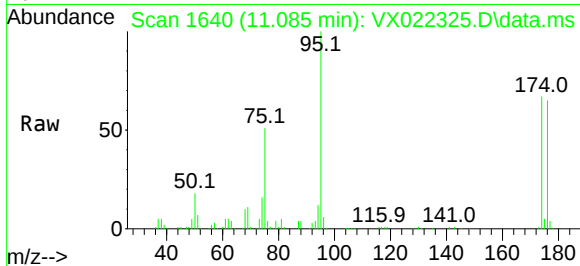




#76
1,2,3-Trichloropropane
Concen: 26.55 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526DL

Tgt Ion: 75 Resp: 28963
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022325.D
Acq: 02 Jun 2021 05:32

Tgt Ion: 75 Resp: 28963
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

