

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022276.D
 Acq On : 29 May 2021 01:30
 Operator : JC/MD
 Sample : M2561-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 24BR-20210526

Quant Time: May 29 04:58:58 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

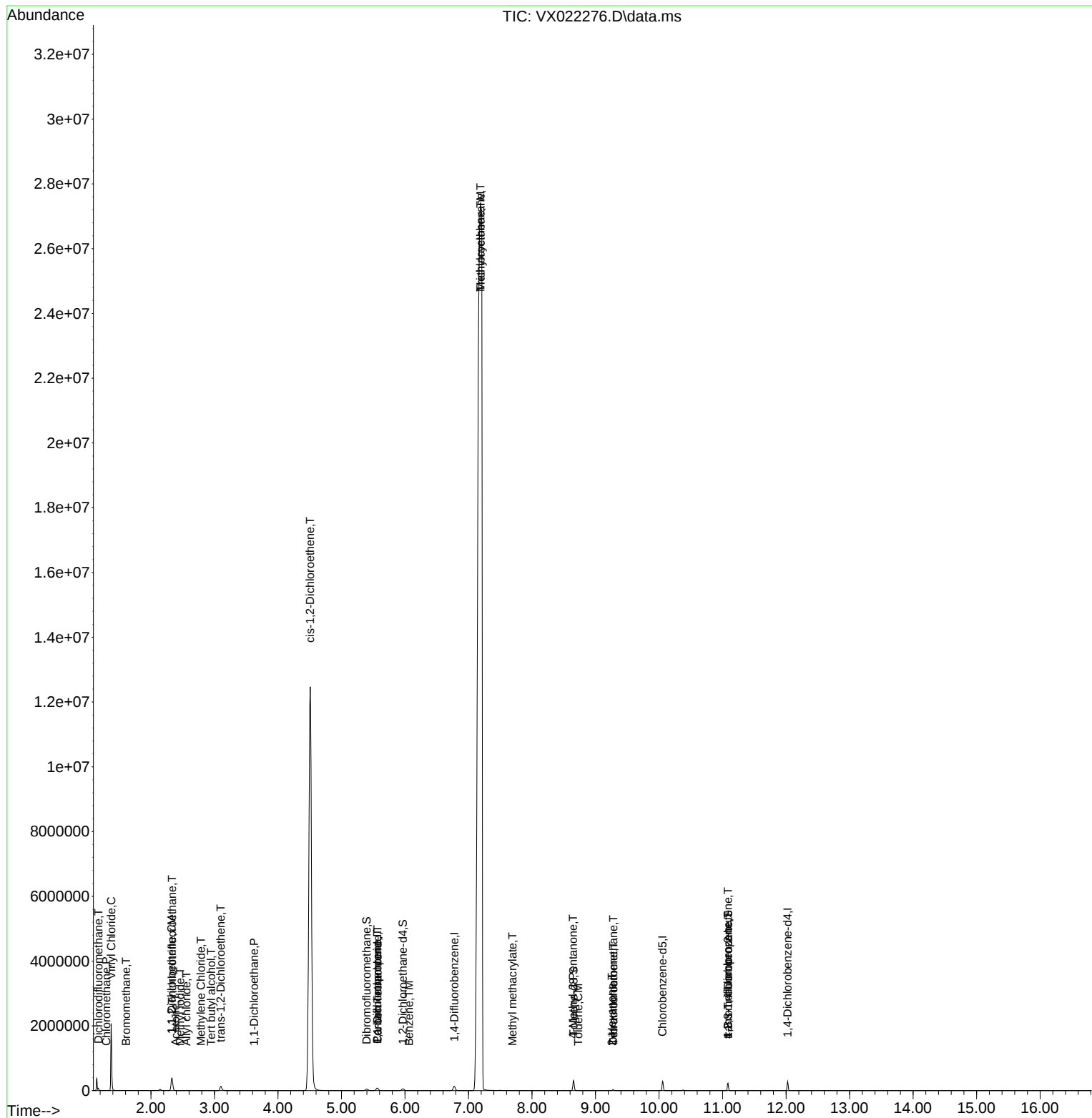
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

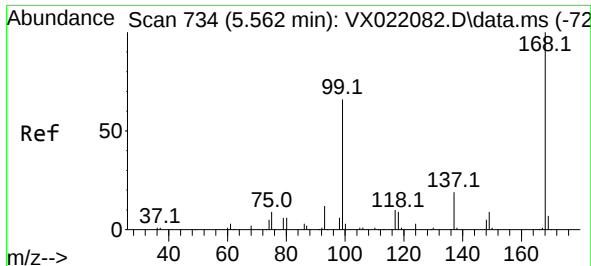
Internal Standards						
1) Pentafluorobenzene	5.562	168	65050	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	140109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55594	55.40	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.80%			
35) Dibromofluoromethane	5.397	113	43936	49.45	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.90%			
50) Toluene-d8	8.653	98	172315	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.70%			
62) 4-Bromofluorobenzene	11.085	95	63441	50.15	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	35103	44.39	ug/l	99
3) Chloromethane	1.295	50	532	0.62	ug/l #	78
4) Vinyl Chloride	1.374	62	1099206	1217.76	ug/l	99
5) Bromomethane	1.605	94	277	0.53	ug/l #	63
9) 1,1,2-Trichlorotrifluo...	2.331	101	108440	140.71	ug/l	91
10) Methyl Iodide	2.459	142	212	0.26	ug/l #	81
11) Tert butyl alcohol	2.947	59	225	0.98	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	53206	71.37	ug/l	97
14) Allyl chloride	2.556	41	405	0.30	ug/l #	39
16) Acetone	2.386	43	1267	2.90	ug/l	92
20) Methylene Chloride	2.788	84	324	0.33	ug/l #	76
21) trans-1,2-Dichloroethene	3.099	96	61546	75.90	ug/l	99
24) 1,1-Dichloroethane	3.623	63	2030	1.31	ug/l #	85
27) cis-1,2-Dichloroethene	4.507	96	7505183	7610.17	ug/l	93
36) 1,1-Dichloropropene	5.562	75	6462	4.99	ug/l #	48
38) Carbon Tetrachloride	5.568	117	7646	6.03	ug/l #	16
39) Methylcyclohexane	7.190	83	299691	203.96	ug/l #	1
40) Benzene	6.062	78	1130	0.28	ug/l	96
44) Trichloroethene	7.190	130	21873025	22081.07	ug/l	92
48) Methyl methacrylate	7.690	41	254	0.21	ug/l #	31
51) 4-Methyl-2-Pentanone	8.647	43	842	0.54	ug/l #	

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Quant Time: May 29 04:58:58 2021
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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

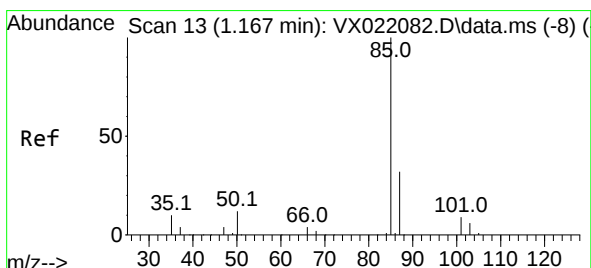
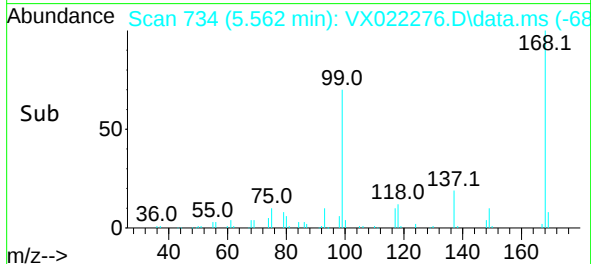
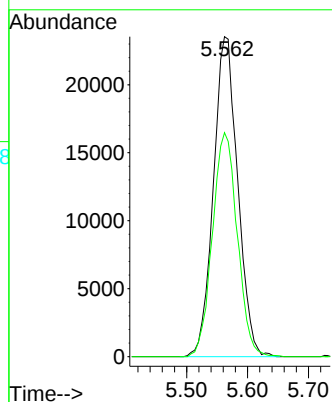
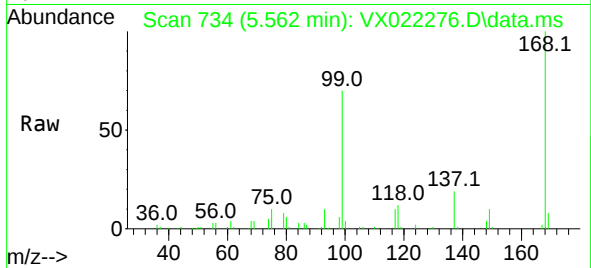




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

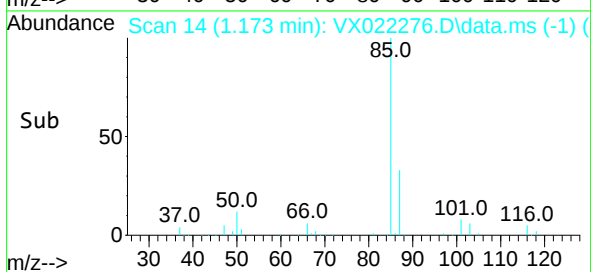
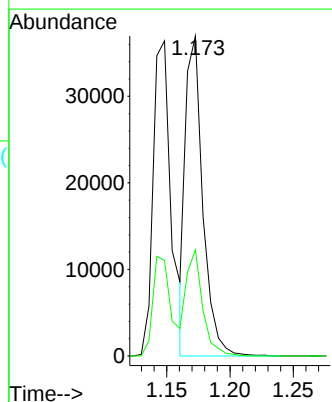
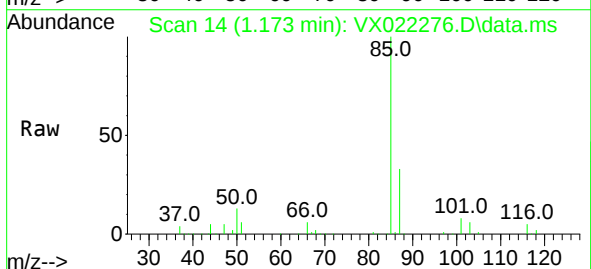
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

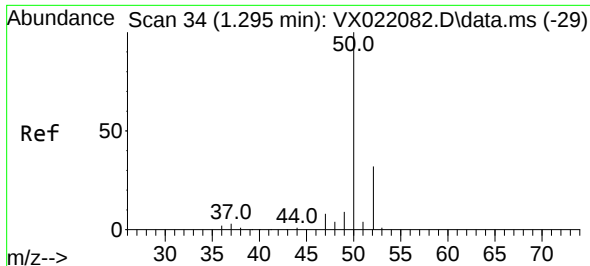
Tgt Ion:168 Resp: 65050
Ion Ratio Lower Upper
168 100
99 70.0 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 44.39 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 85 Resp: 35103
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.2

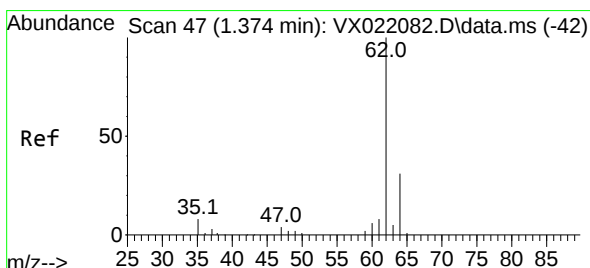
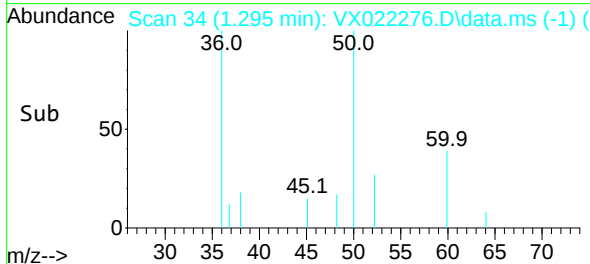
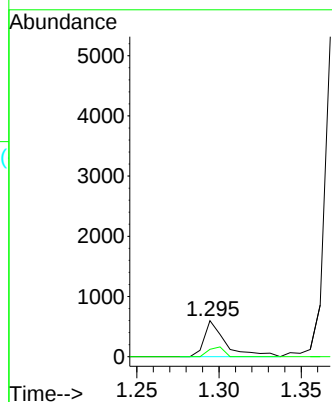
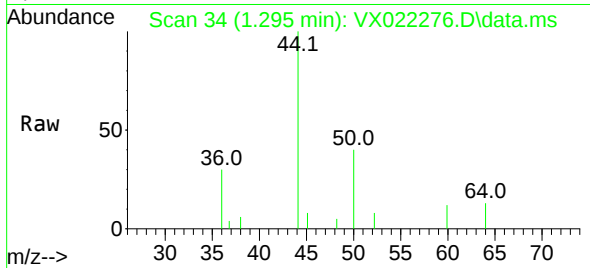




#3
Chloromethane
Concen: 0.62 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

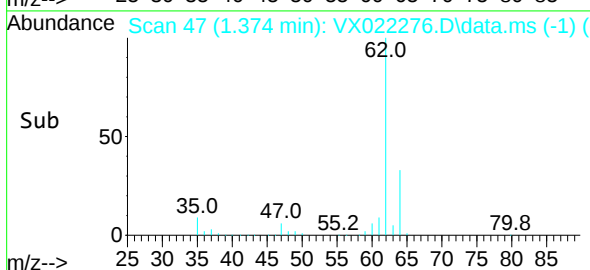
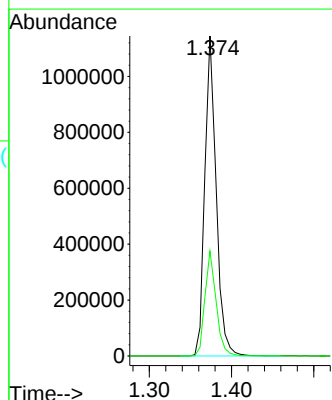
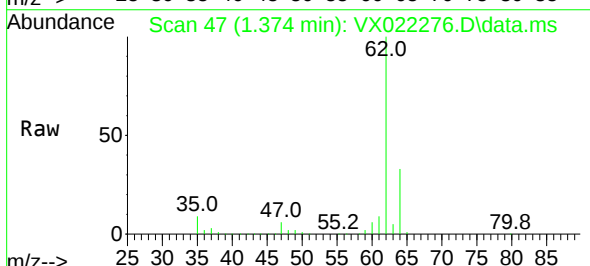
Instrument :
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ClientSampleId :
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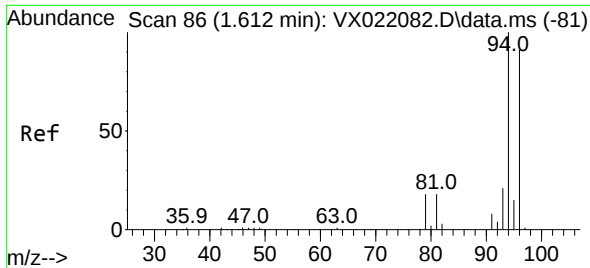
Tgt Ion: 50 Resp: 532
Ion Ratio Lower Upper
50 100
52 20.4 26.4 39.6#



#4
Vinyl Chloride
Concen: 1217.76 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 62 Resp: 1099206
Ion Ratio Lower Upper
62 100
64 32.8 25.7 38.5

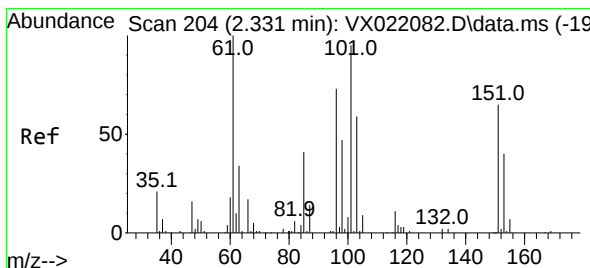
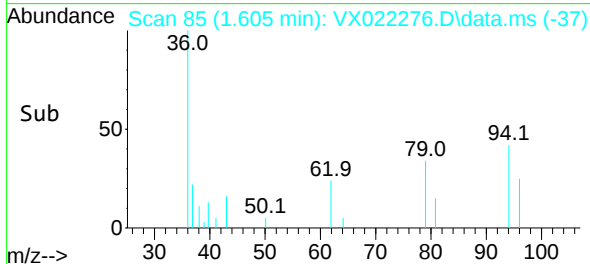
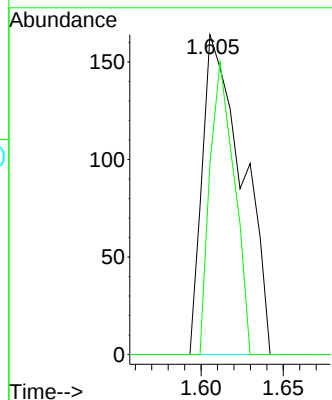
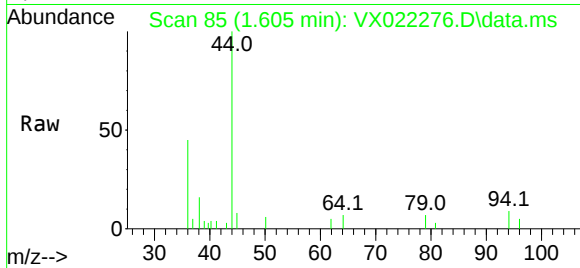




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

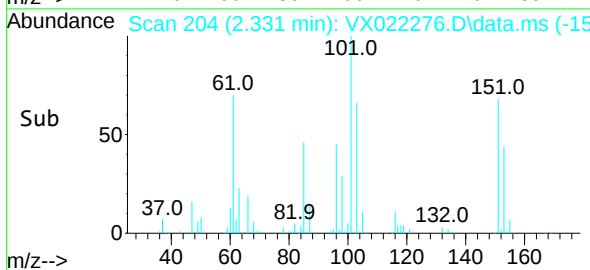
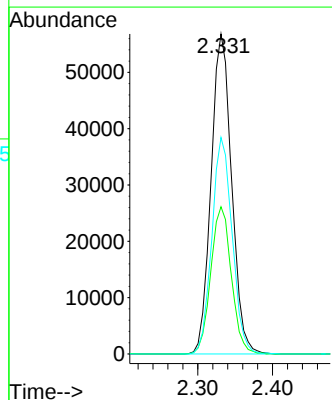
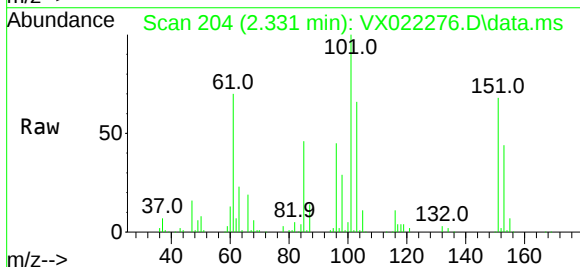
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

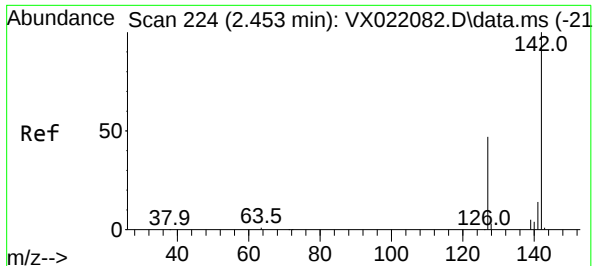
Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 59.8 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.71 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

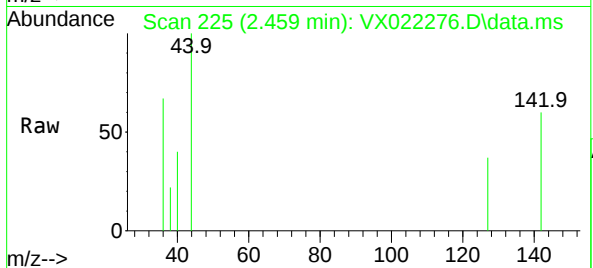
Tgt Ion: 101 Resp: 108440
Ion Ratio Lower Upper
101 100
85 45.9 34.9 52.3
151 67.0 61.4 92.2



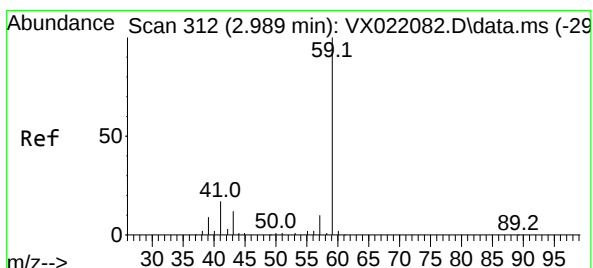
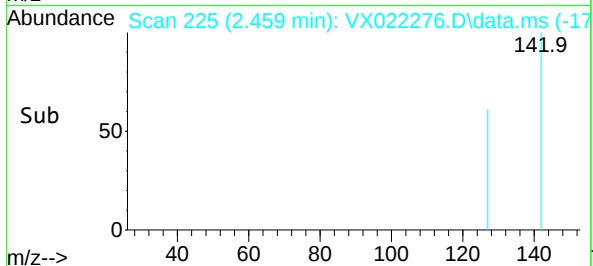
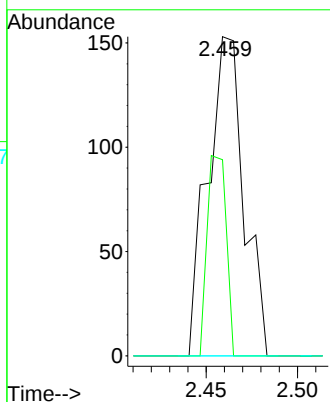


#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

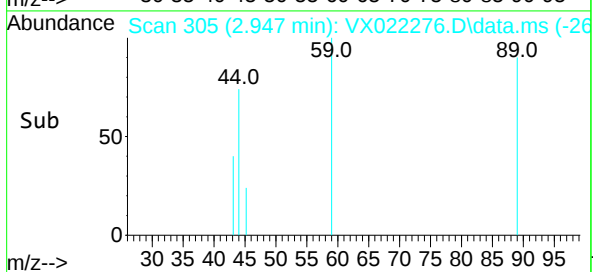
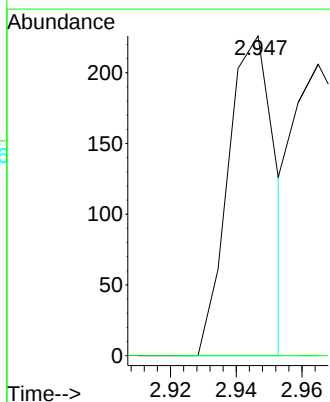
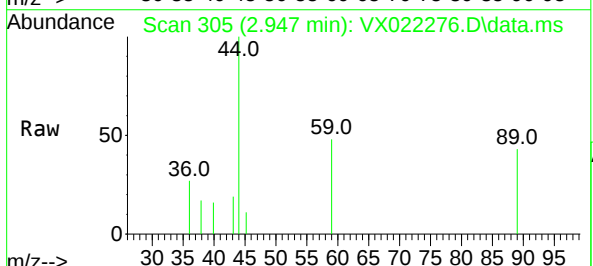


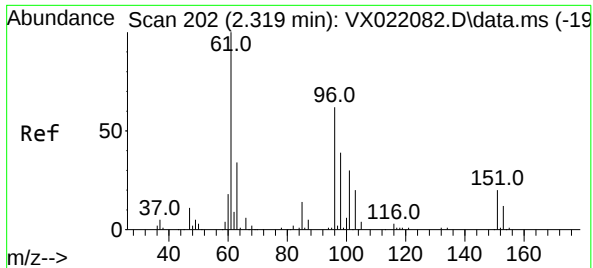
Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
127 33.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.98 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

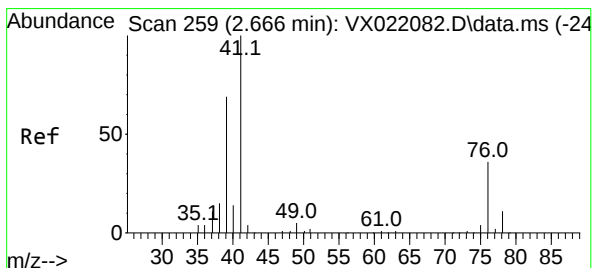
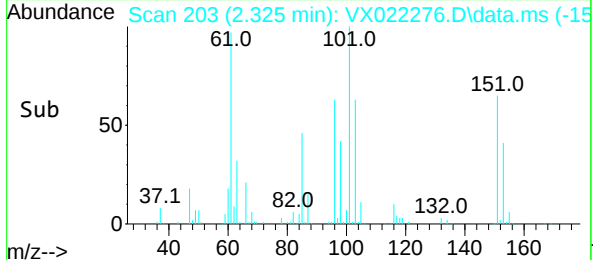
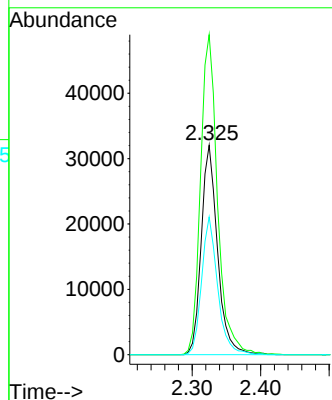
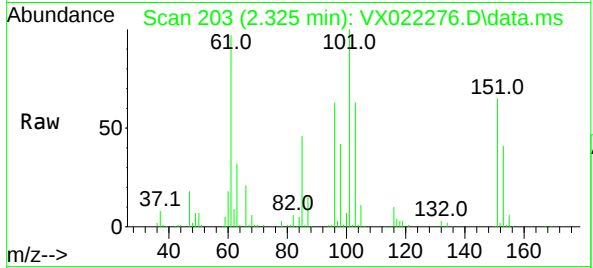




#12
1,1-Dichloroethene
Concen: 71.37 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

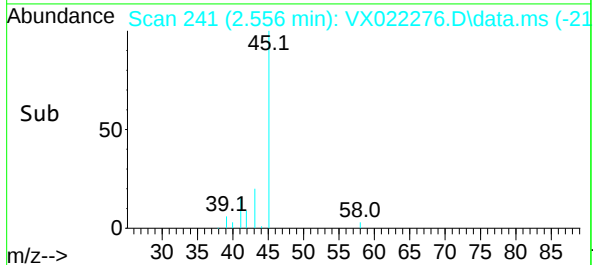
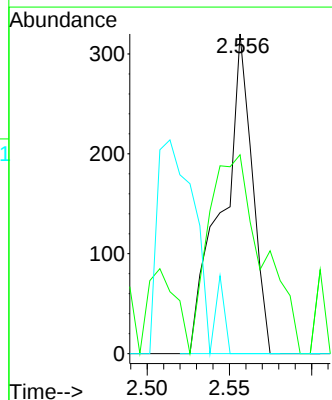
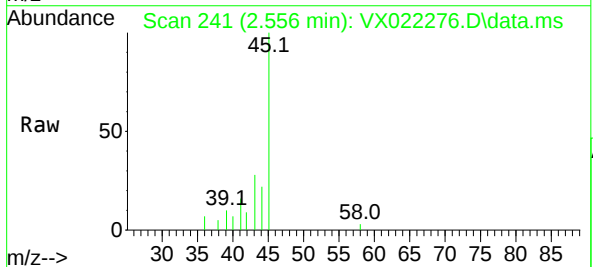
Instrument :
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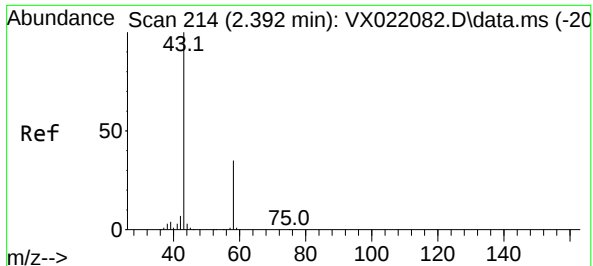
Tgt Ion: 96 Resp: 53206
Ion Ratio Lower Upper
96 100
61 152.8 124.6 187.0
98 65.8 50.6 76.0



#14
Allyl chloride
Concen: 0.30 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 41 Resp: 405
Ion Ratio Lower Upper
41 100
39 111.9 51.6 77.4#
76 0.0 30.5 45.7#

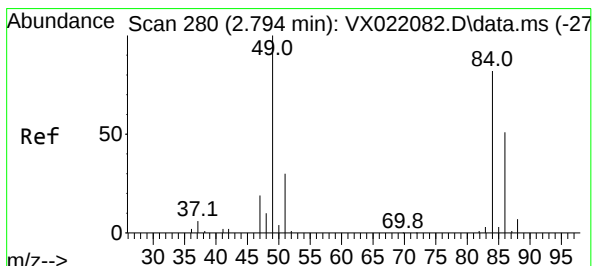
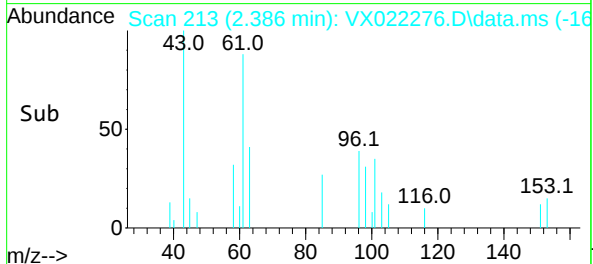
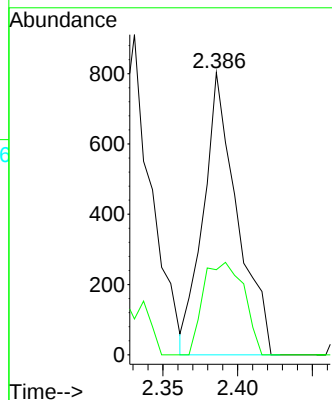
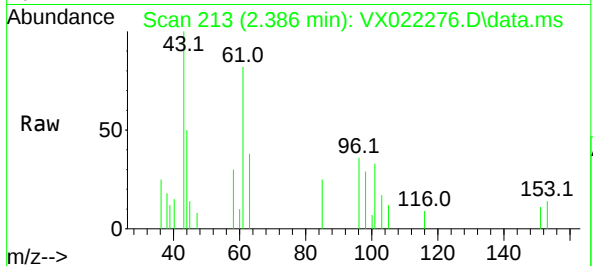




#16
Acetone
Concen: 2.90 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

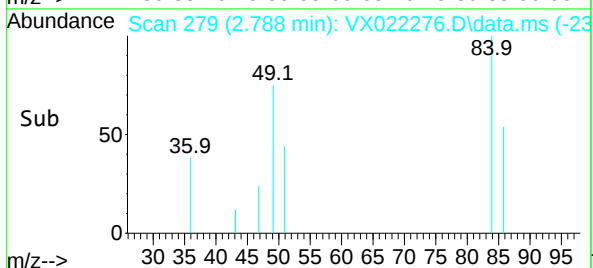
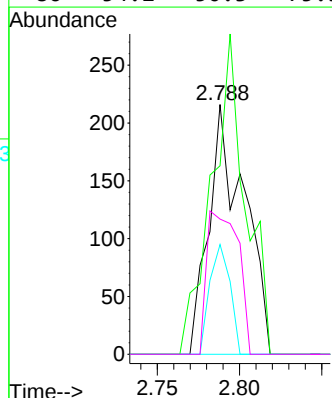
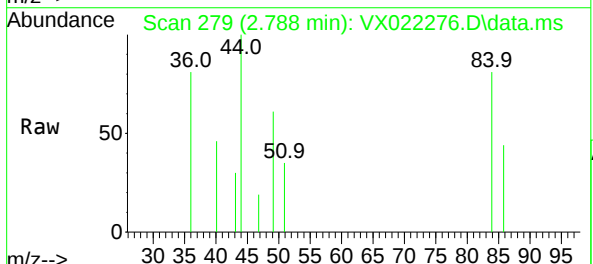
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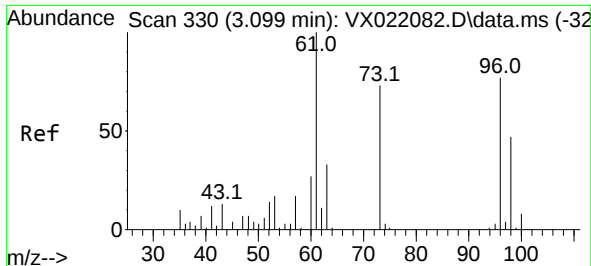
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 84 Resp: 324
Ion Ratio Lower Upper
84 100
49 75.5 88.6 132.8#
51 44.0 27.0 40.6#
86 54.2 50.3 75.5

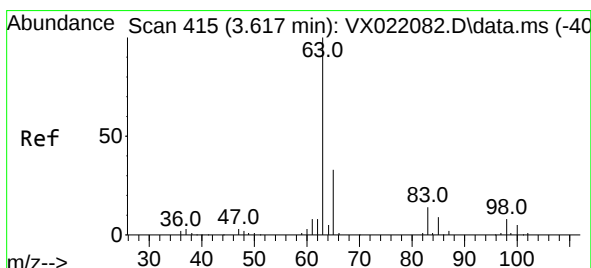
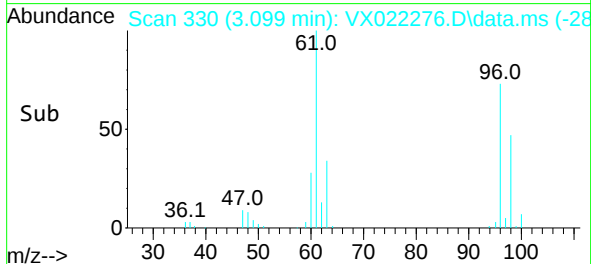
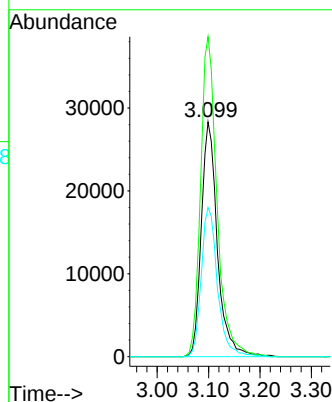
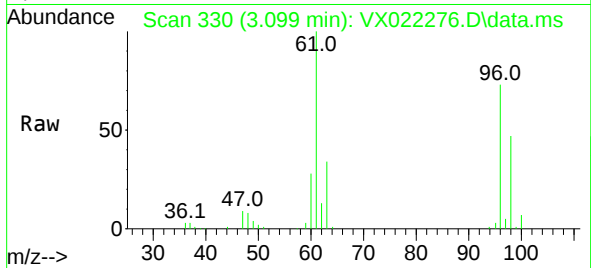




#21
trans-1,2-Dichloroethene
Concen: 75.90 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

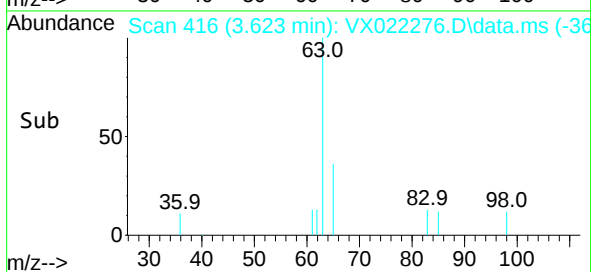
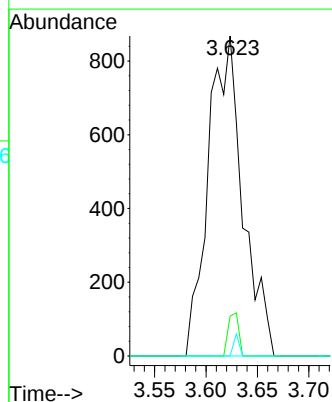
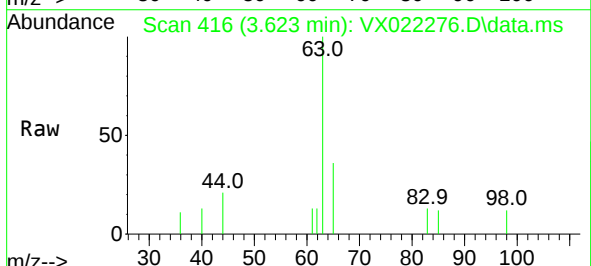
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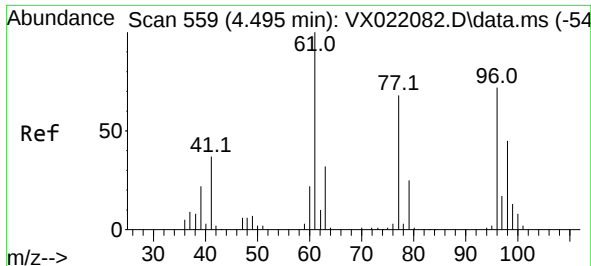
Tgt Ion: 96 Resp: 61546
Ion Ratio Lower Upper
96 100
61 136.3 107.7 161.5
98 63.5 50.4 75.6



#24
1,1-Dichloroethane
Concen: 1.31 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 63 Resp: 2030
Ion Ratio Lower Upper
63 100
98 12.4 3.8 11.2#
100 0.0 2.5 7.5#





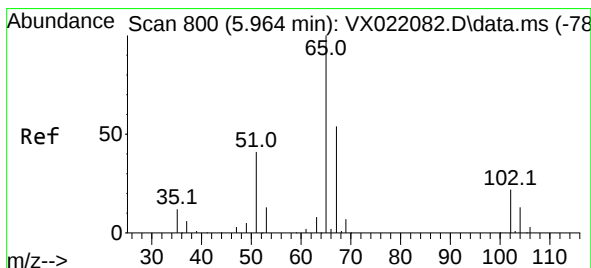
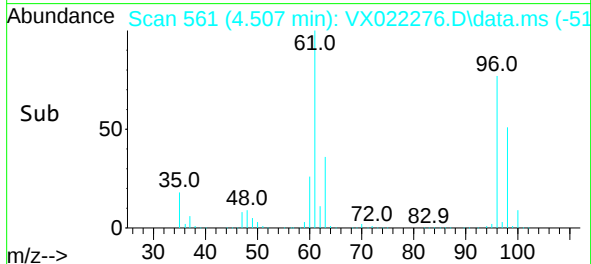
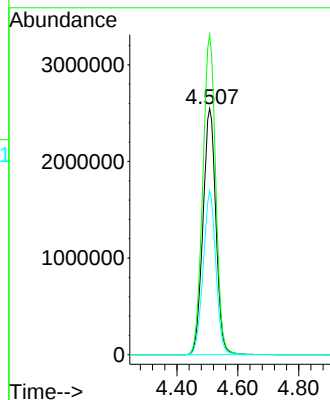
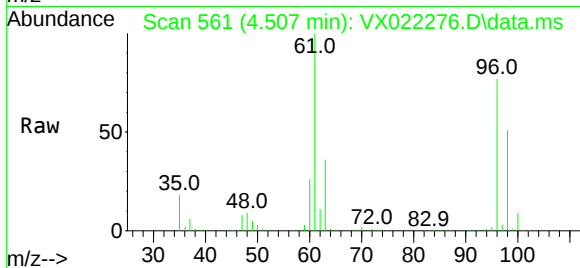
#27

cis-1,2-Dichloroethene
Concen: 7610.17 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

Tgt Ion: 96 Resp: 7505183

Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	285.6
98	65.1	0.0	129.6

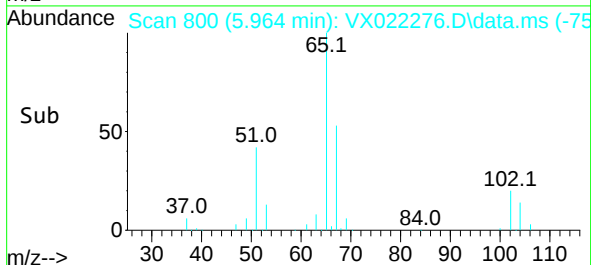
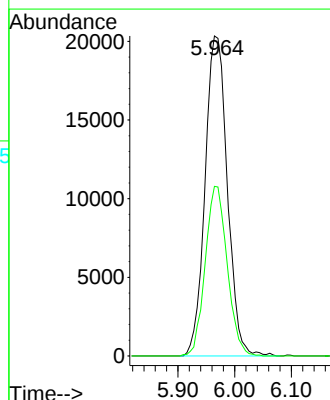
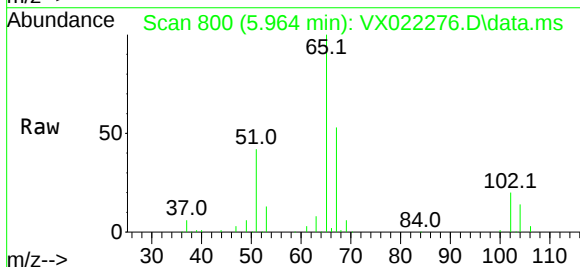


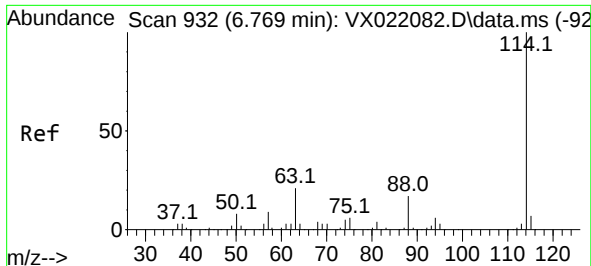
#33

1,2-Dichloroethane-d4
Concen: 55.40 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 65 Resp: 55594

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.4

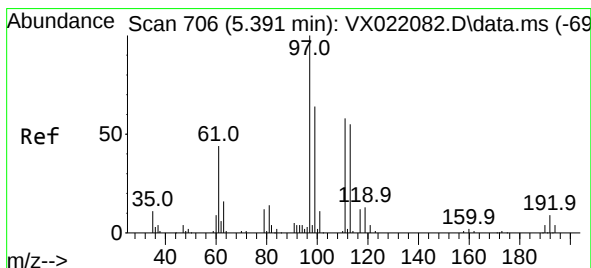
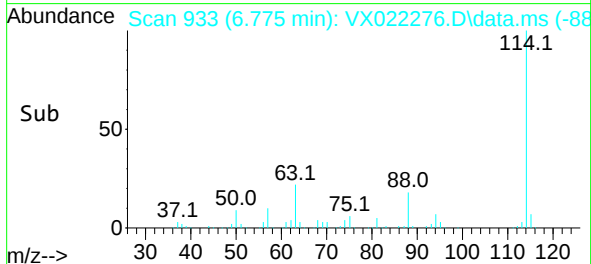
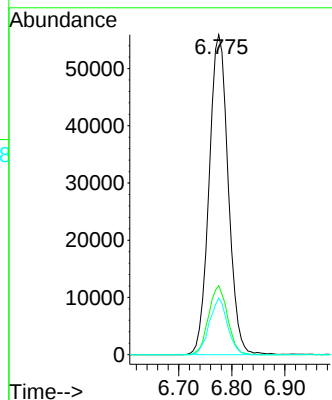
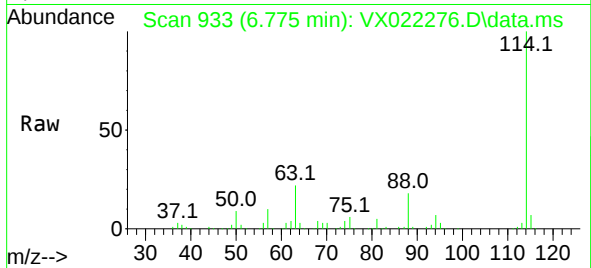




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

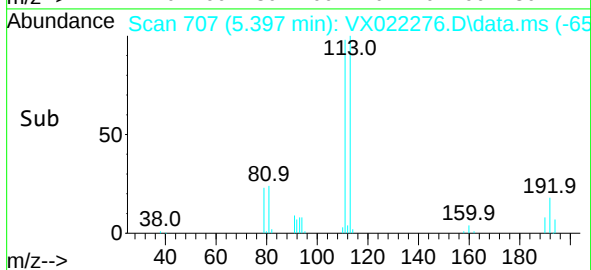
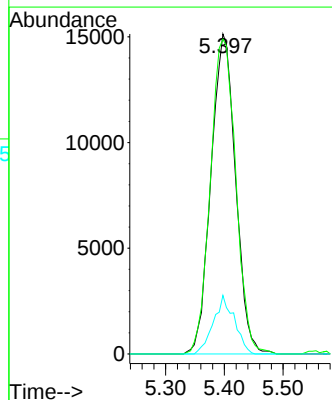
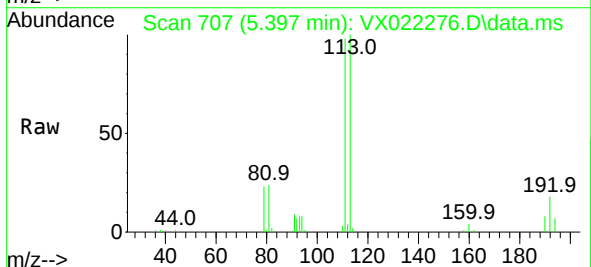
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

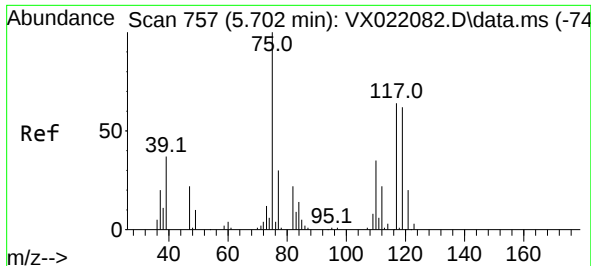
Tgt Ion:114 Resp: 140109
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 17.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.45 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:113 Resp: 43936
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 15.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.99 ug/l

RT: 5.562 min Scan# 734

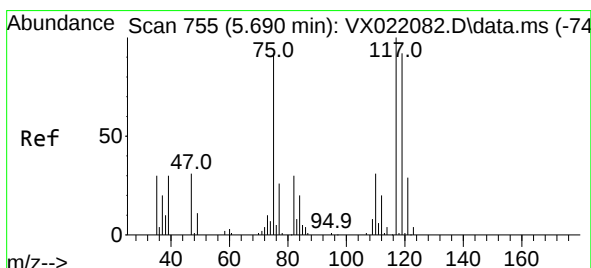
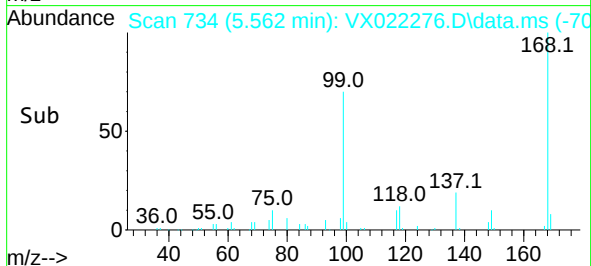
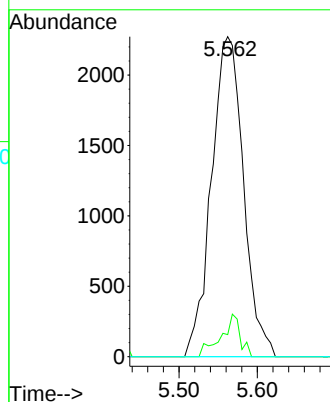
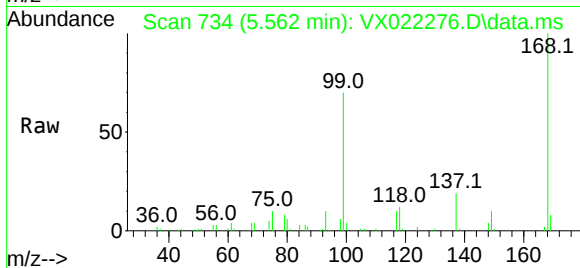
Delta R.T. -0.140 min

Lab File: VX022276.D

Acq: 29 May 2021 01:30

Tgt Ion:	75	Resp:	6462
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526



#38

Carbon Tetrachloride

Concen: 6.03 ug/l

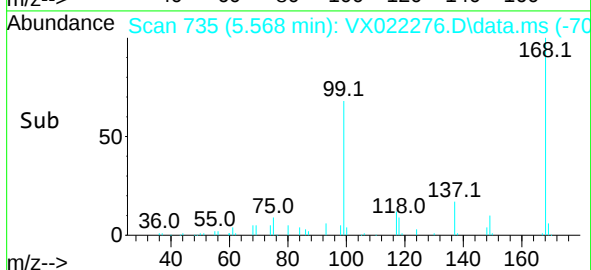
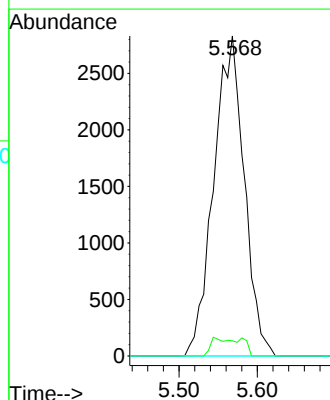
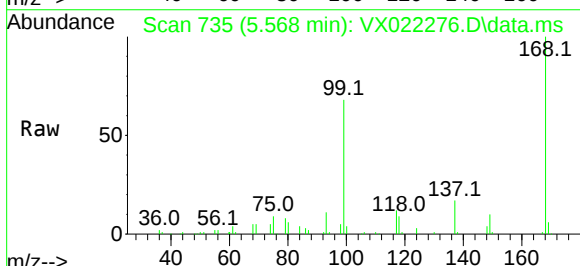
RT: 5.568 min Scan# 735

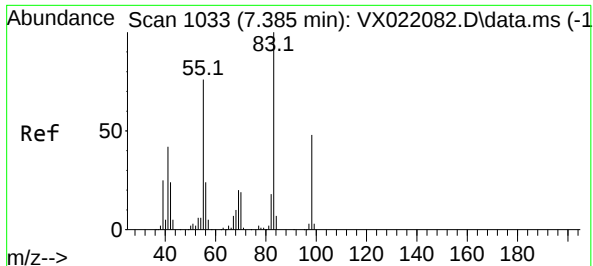
Delta R.T. -0.122 min

Lab File: VX022276.D

Acq: 29 May 2021 01:30

Tgt Ion:	117	Resp:	7646
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 203.96 ug/l

RT: 7.190 min Scan# 1001

Delta R.T. -0.195 min

Lab File: VX022276.D

Acq: 29 May 2021 01:30

Tgt Ion: 83 Resp: 299691

Ion Ratio Lower Upper

83 100

55 0.9 58.9 88.3#

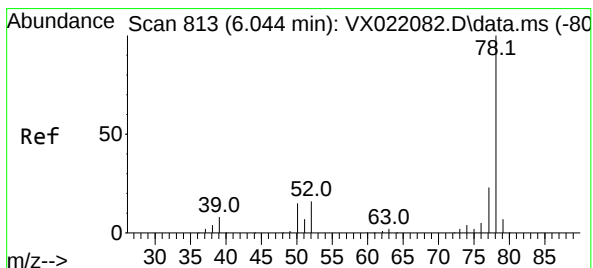
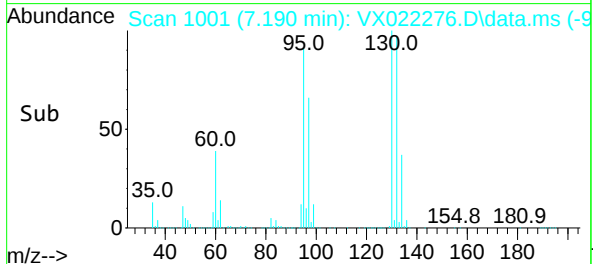
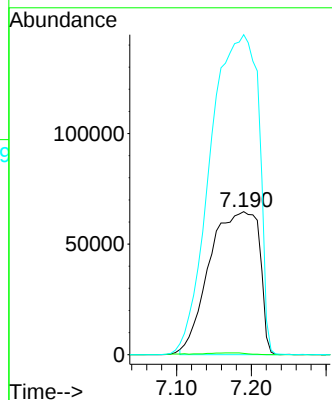
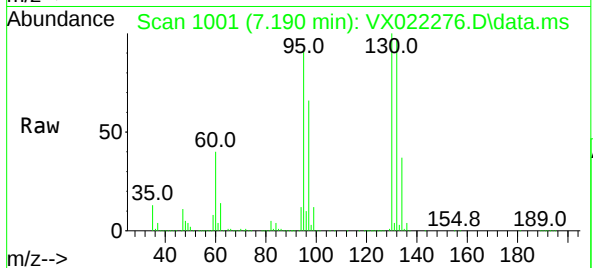
98 223.4 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

24BR-20210526



#40

Benzene

Concen: 0.28 ug/l

RT: 6.062 min Scan# 816

Delta R.T. 0.018 min

Lab File: VX022276.D

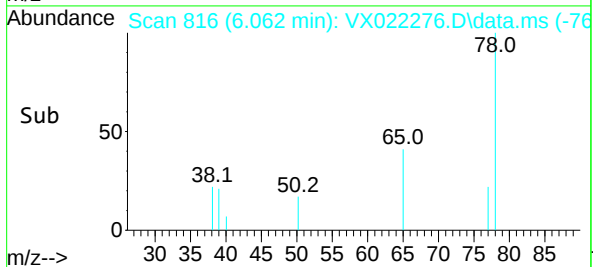
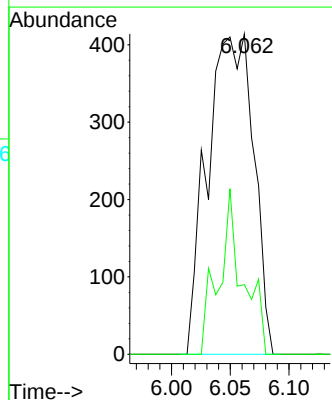
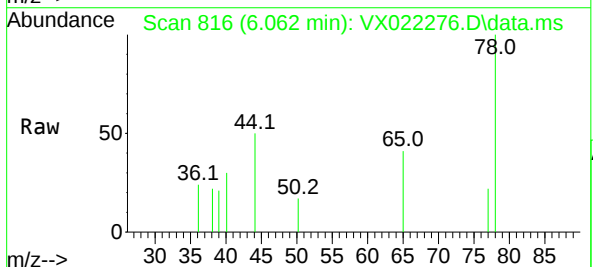
Acq: 29 May 2021 01:30

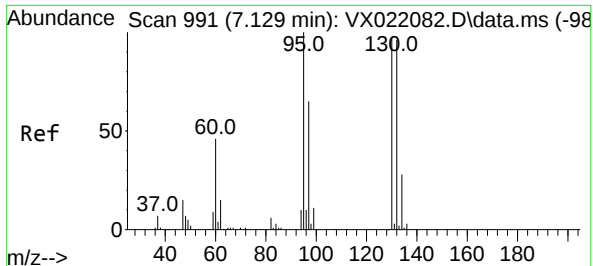
Tgt Ion: 78 Resp: 1130

Ion Ratio Lower Upper

78 100

77 21.7 18.9 28.3

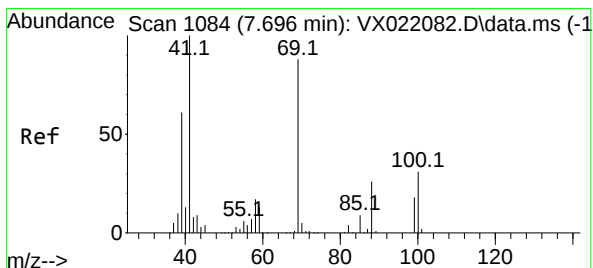
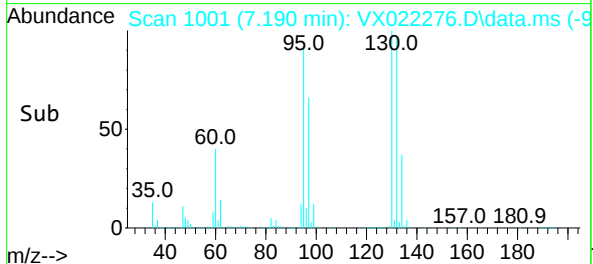
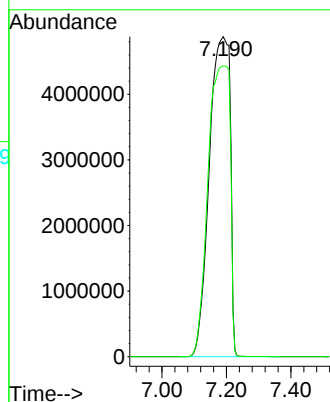
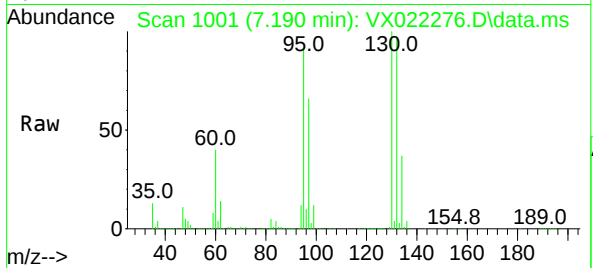




#44
Trichloroethene
Concen: 22081.07 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.061 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

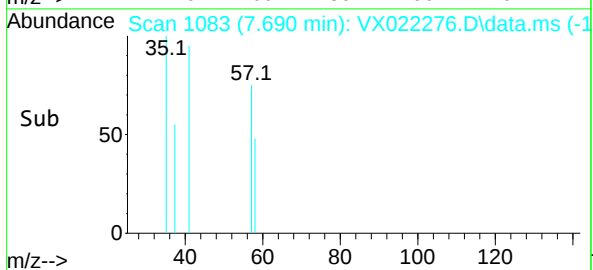
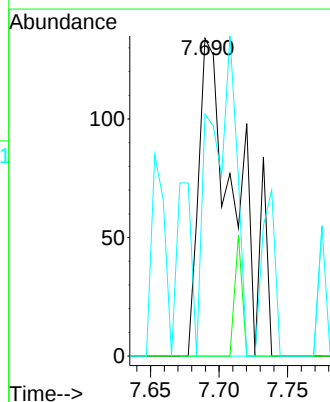
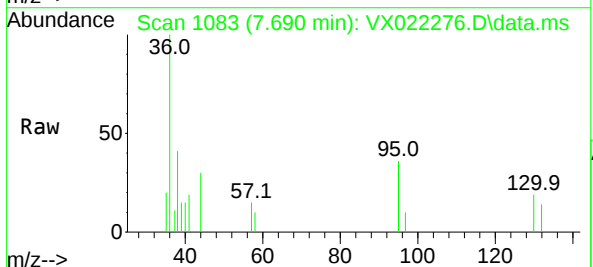
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

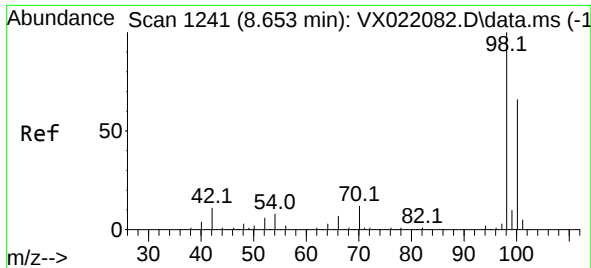
Tgt Ion:130 Resp:21873025
Ion Ratio Lower Upper
130 100
95 90.8 0.0 198.0



#48
Methyl methacrylate
Concen: 0.21 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 41 Resp: 254
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 69.7 44.6 67.0#

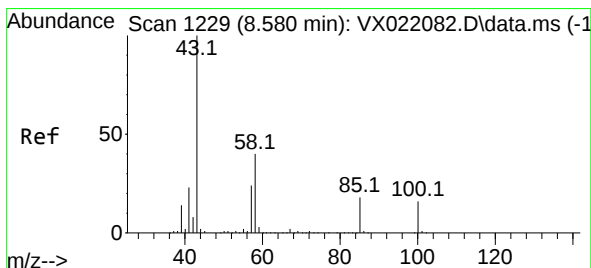
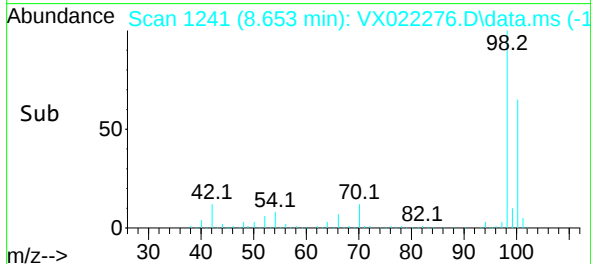
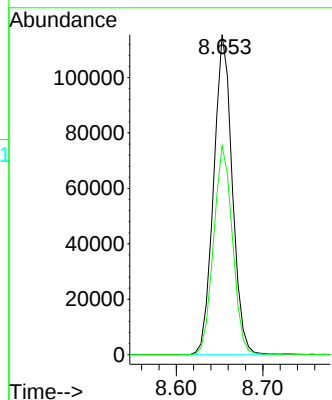
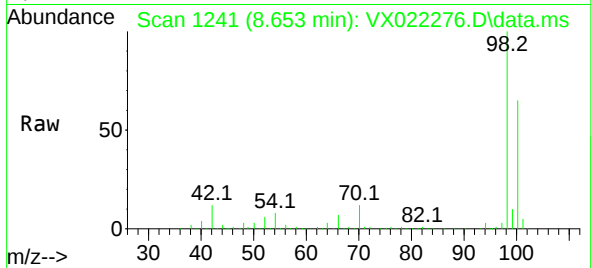




#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

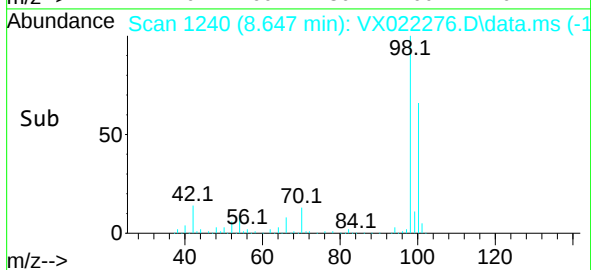
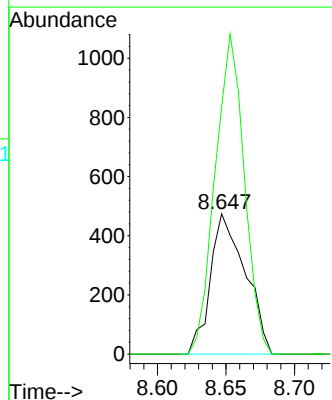
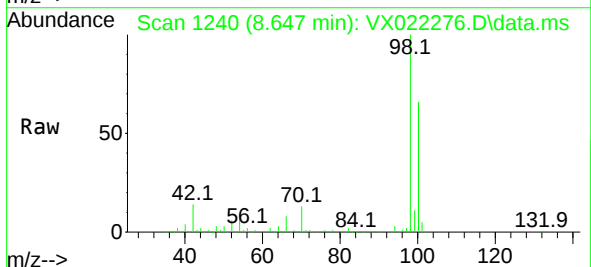
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

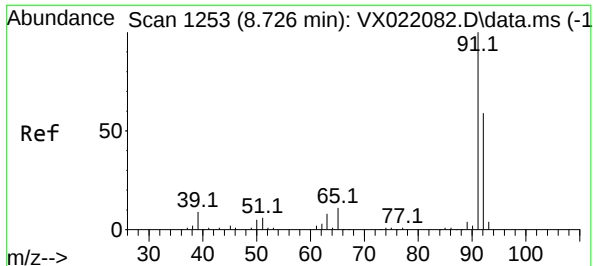
Tgt Ion: 98 Resp: 172315
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 190.5 35.4 53.0#

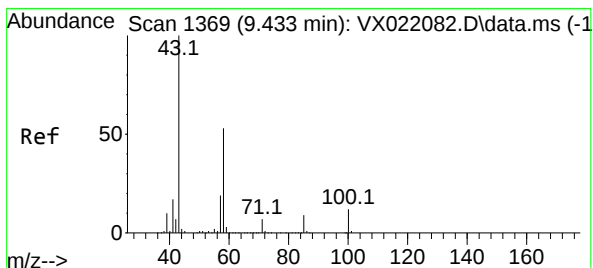
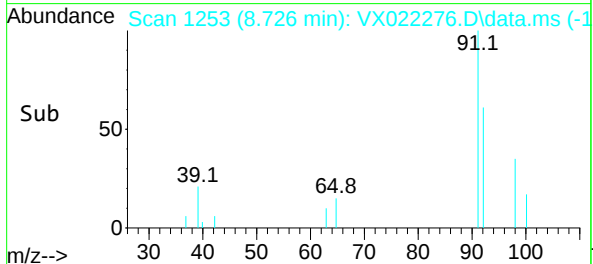
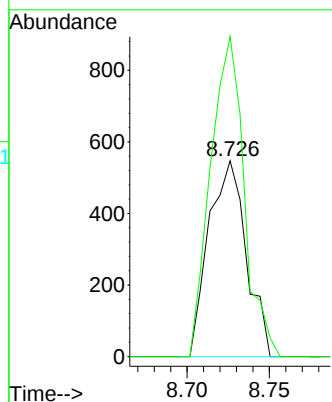
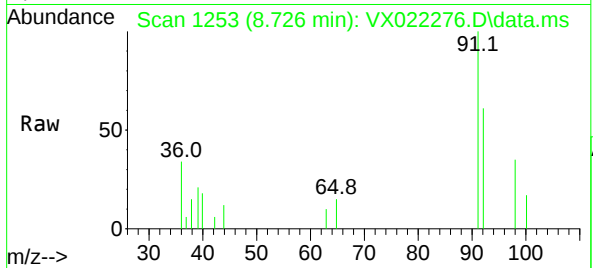




#52
Toluene
Concen: 0.34 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

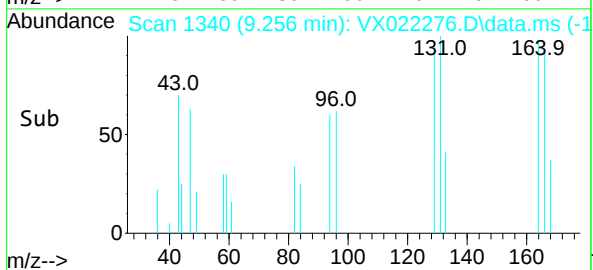
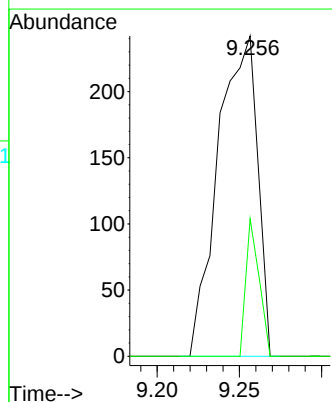
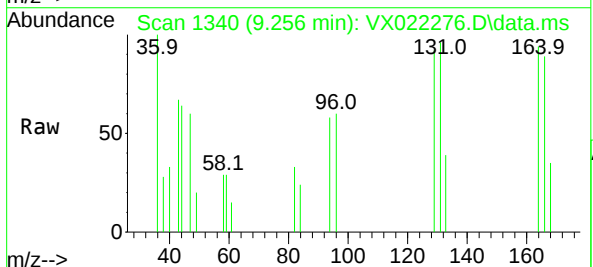
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

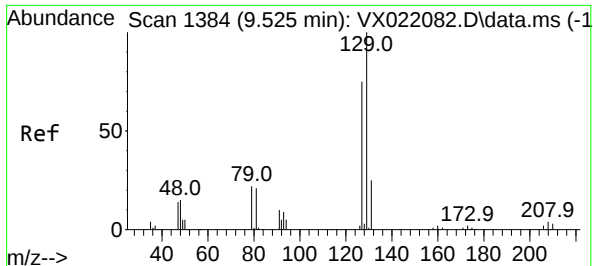
Tgt Ion: 92 Resp: 867
Ion Ratio Lower Upper
92 100
91 146.7 137.1 205.7



#59
2-Hexanone
Concen: 0.34 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.177 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 14.4 30.9 92.8#

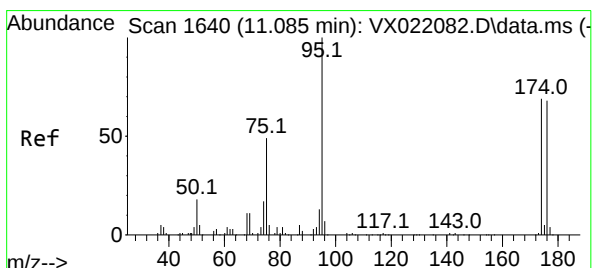
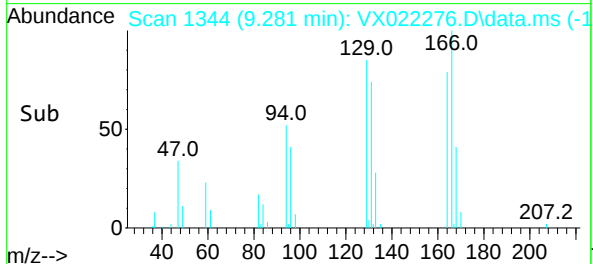
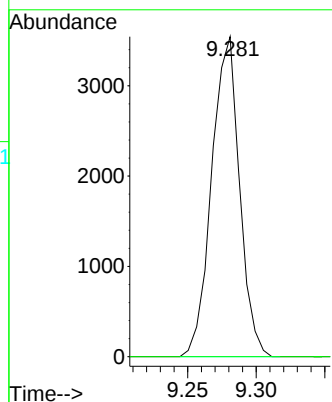
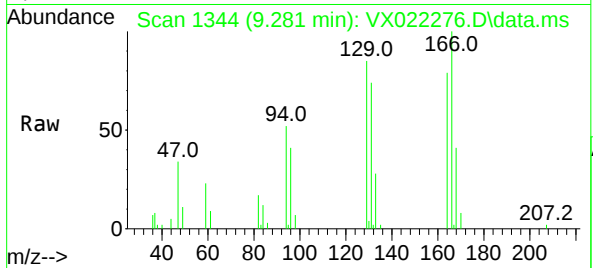




#60
Dibromochloromethane
Concen: 5.02 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

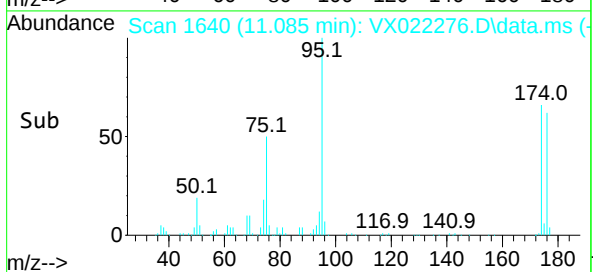
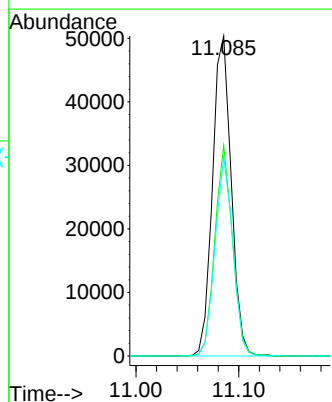
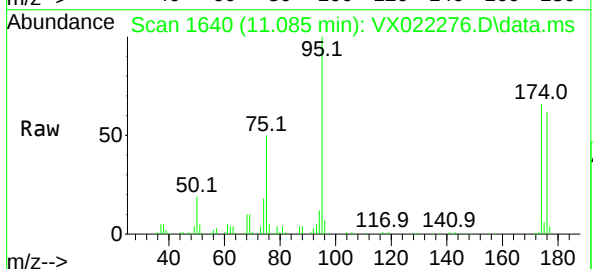
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

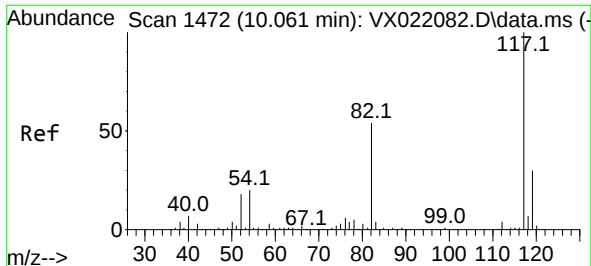
Tgt Ion:129 Resp: 5003
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 95 Resp: 63441
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 59.6 0.0 155.8

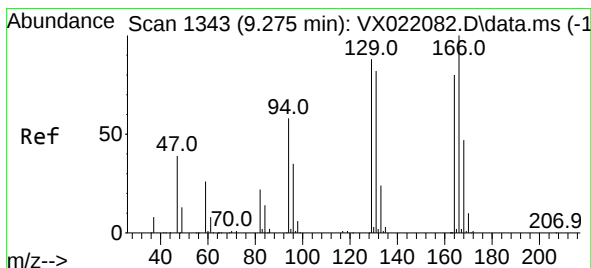
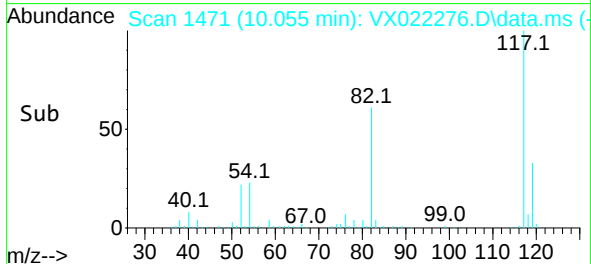
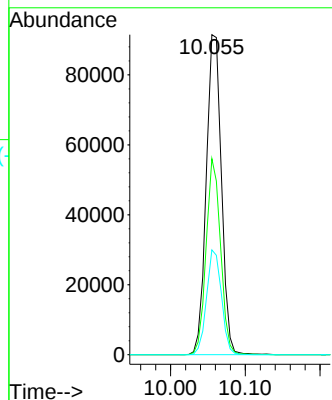
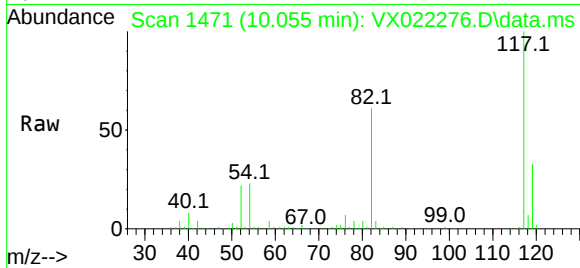




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

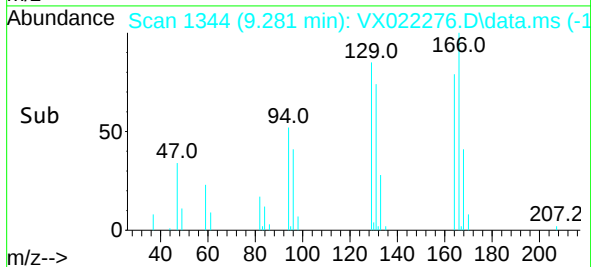
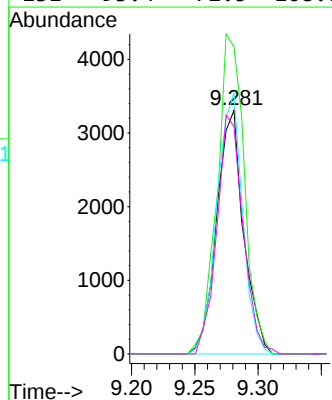
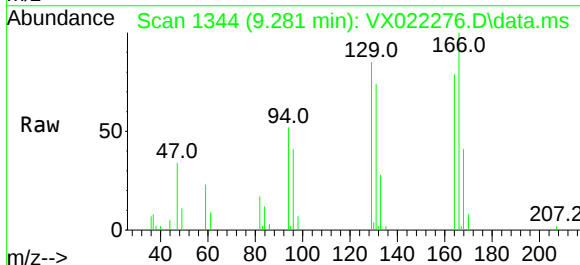
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

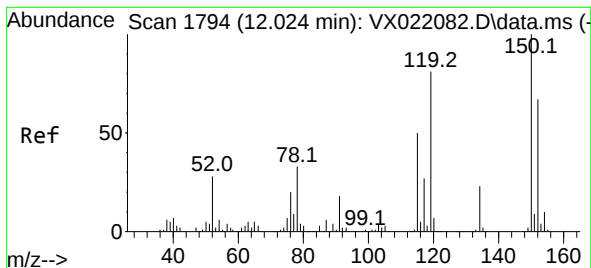
Tgt Ion:117 Resp: 128919
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 5.78 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:164 Resp: 4895
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 107.2 70.8 106.2#
131 93.4 72.5 108.7

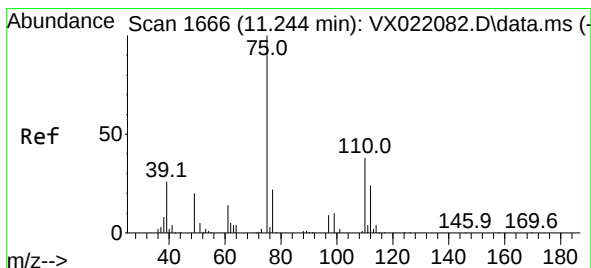
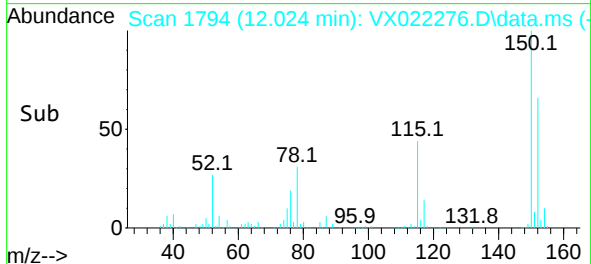
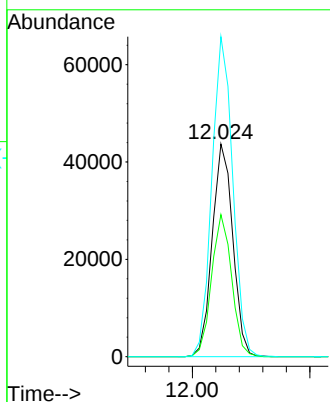
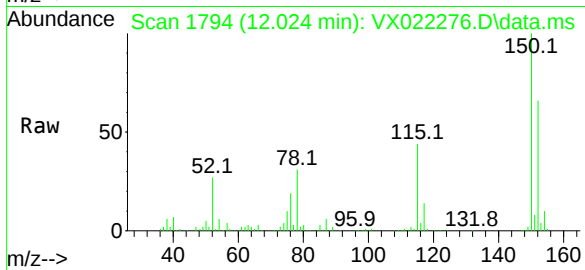




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022276.D
 Acq: 29 May 2021 01:30

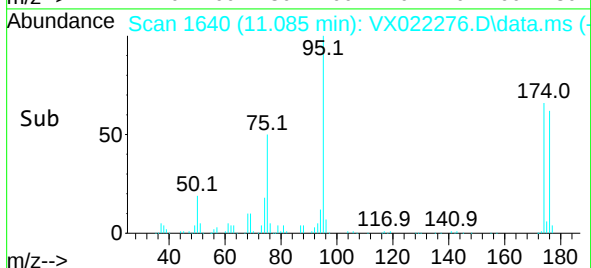
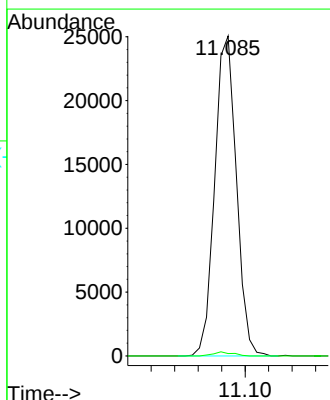
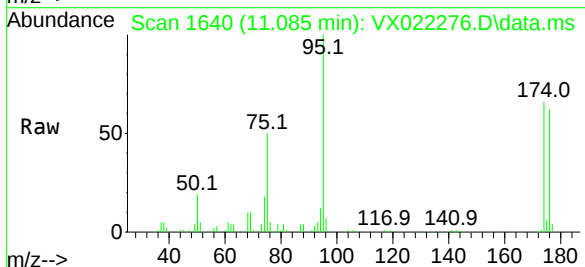
Instrument :
 MSVOA_X
 ClientSampleId :
 24BR-20210526

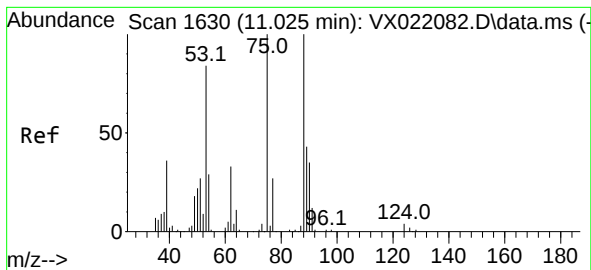
Tgt Ion:152 Resp: 53246
 Ion Ratio Lower Upper
 152 100
 115 65.1 41.1 123.3
 150 152.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.42 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022276.D
 Acq: 29 May 2021 01:30

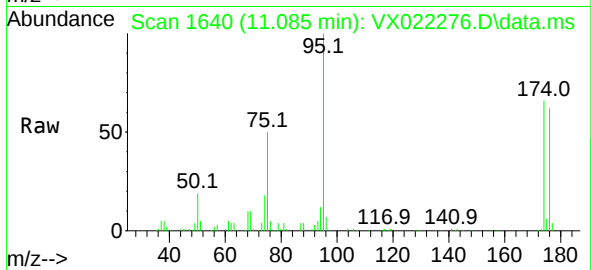
Tgt Ion: 75 Resp: 32082
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.87 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022276.D
 Acq: 29 May 2021 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 24BR-20210526



Tgt Ion: 75 Resp: 32082
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

