

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022275.D
 Acq On : 29 May 2021 01:06
 Operator : JC/MD
 Sample : M2561-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20210526

Quant Time: May 29 04:58:36 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)

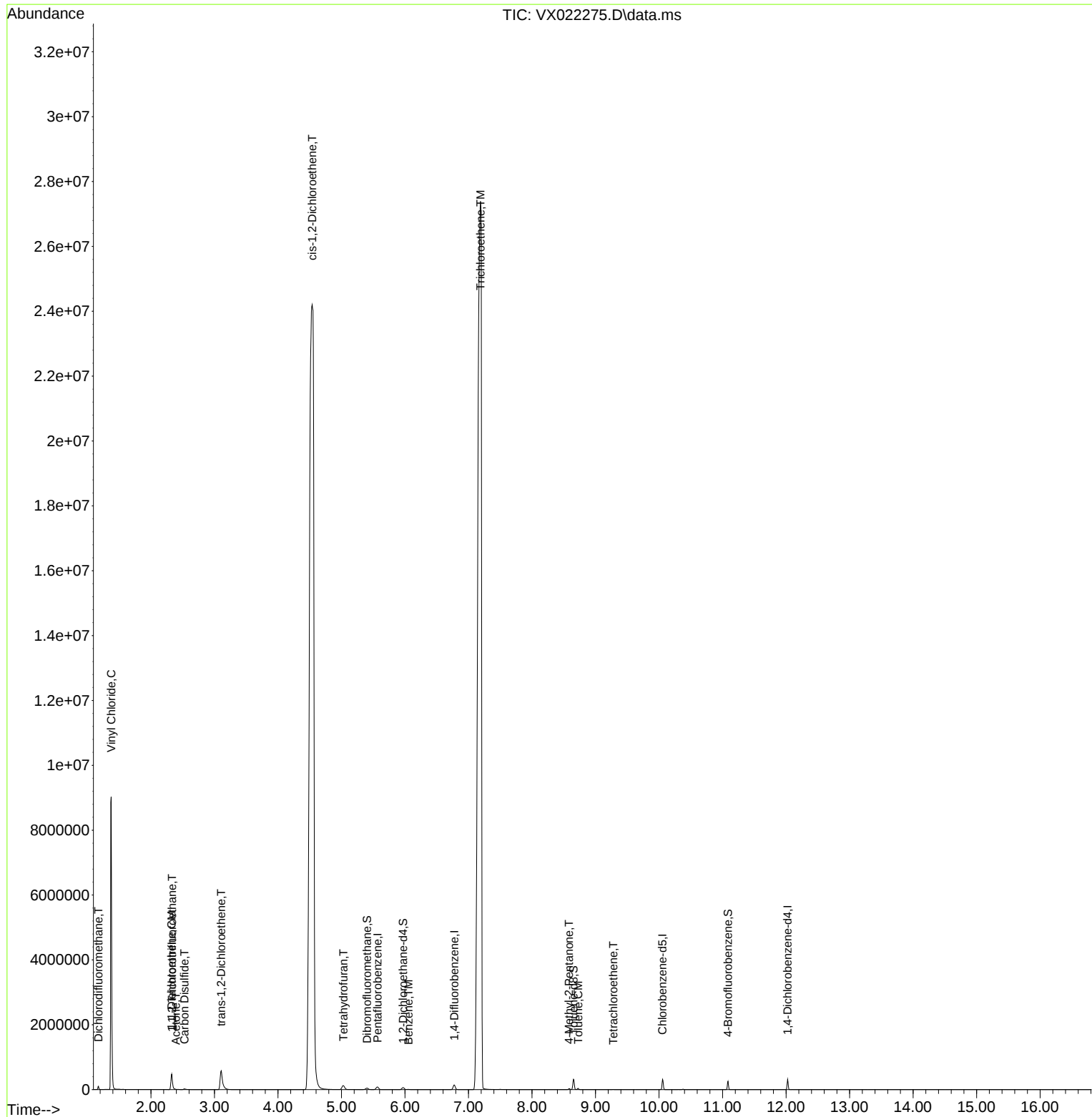
Internal Standards						
1) Pentafluorobenzene	5.568	168	70472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	148621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	58229	53.56	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.12%	
35) Dibromofluoromethane	5.403	113	40739	43.23	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 86.46%	
50) Toluene-d8	8.653	98	182825	50.36	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.72%	
62) 4-Bromofluorobenzene	11.085	95	67010	49.94	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.88%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	53185	62.08	ug/l	97
4) Vinyl Chloride	1.374	62	5534760	5659.96	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	878	1.05	ug/l #	56
12) 1,1-Dichloroethene	2.325	96	174347	215.86	ug/l	97
16) Acetone	2.392	43	5023	10.61	ug/l #	80
17) Carbon Disulfide	2.526	76	49266	23.29	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	332079	378.00	ug/l	99
27) cis-1,2-Dichloroethene	4.538	96	26188872	24512.11	ug/l	78
29) Tetrahydrofuran	5.031	42	117190	257.12	ug/l	90
40) Benzene	6.056	78	9663	2.29	ug/l	99
44) Trichloroethene	7.190	130	18975580	18058.94	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	9189	5.57	ug/l	94
52) Toluene	8.726	92	13557	5.06	ug/l	99
64) Tetrachloroethene	9.281	164	432	0.48	ug/l #	78

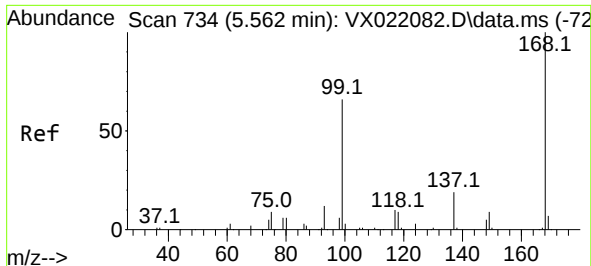
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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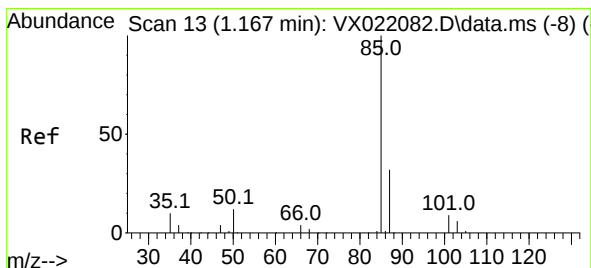
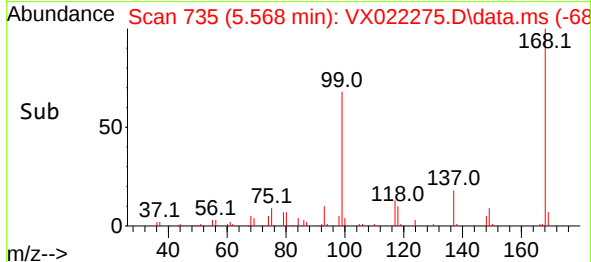
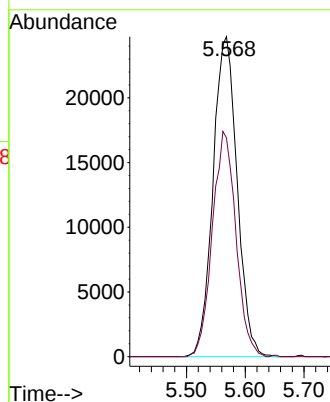
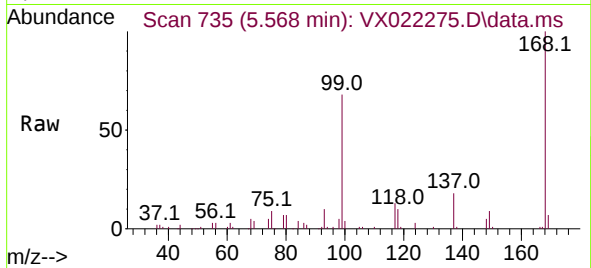




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

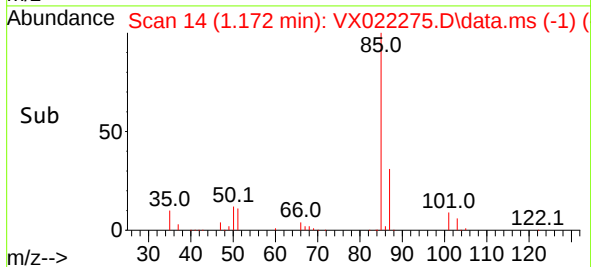
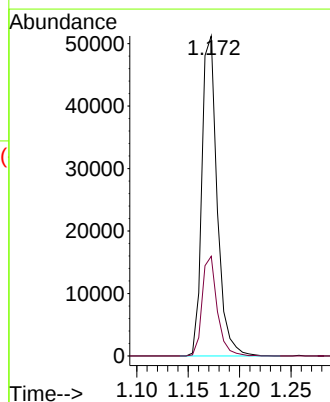
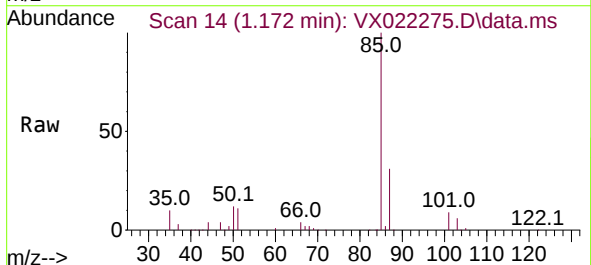
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526

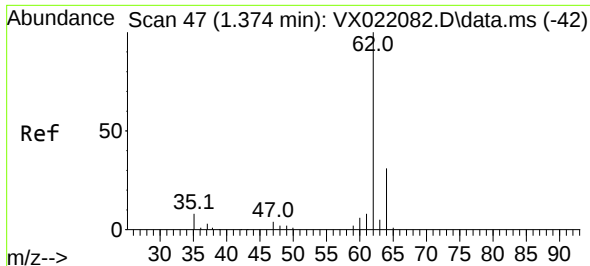
Tgt Ion:168 Resp: 70472
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 62.08 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.005 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

Tgt Ion: 85 Resp: 53185
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.2

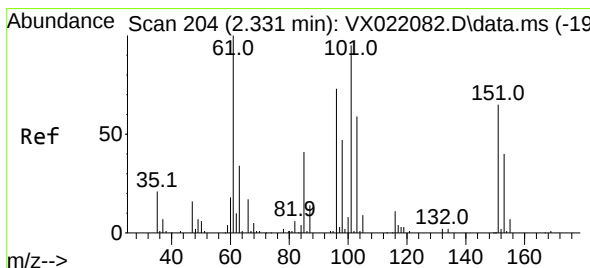
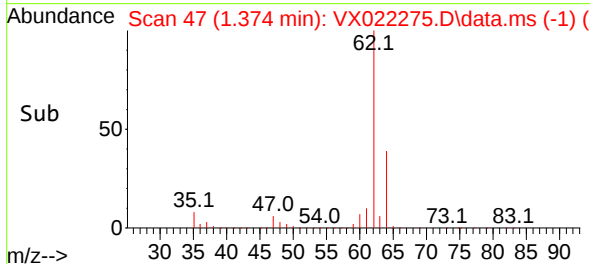
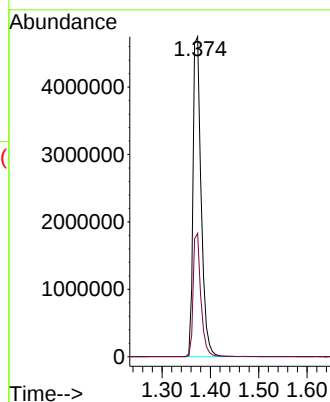
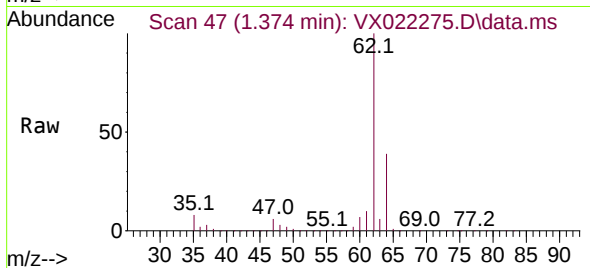




#4
 Vinyl Chloride
 Concen: 5659.96 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022275.D
 Acq: 29 May 2021 01:06

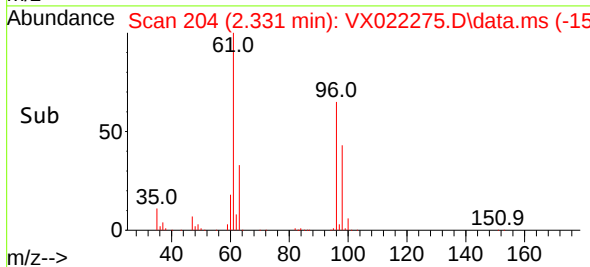
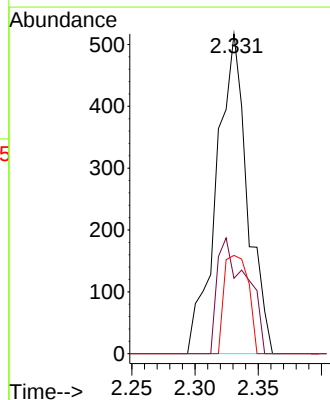
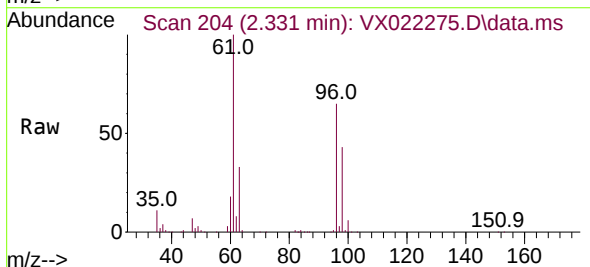
Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20210526

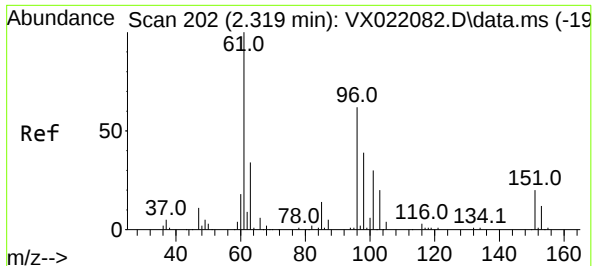
Tgt Ion: 62 Resp: 5534760
 Ion Ratio Lower Upper
 62 100
 64 38.5 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.05 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX022275.D
 Acq: 29 May 2021 01:06

Tgt Ion: 101 Resp: 878
 Ion Ratio Lower Upper
 101 100
 85 34.2 34.9 52.3#
 151 24.0 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 215.86 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022275.D

Acq: 29 May 2021 01:06

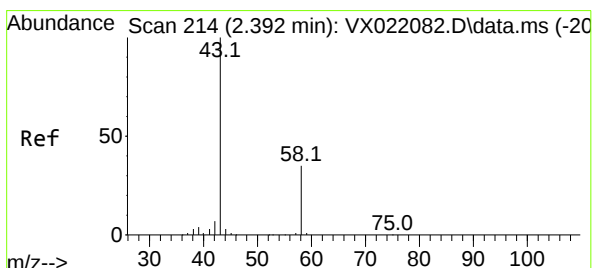
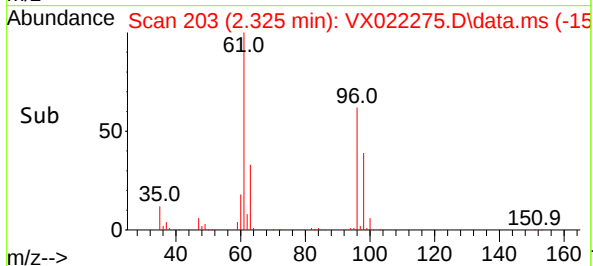
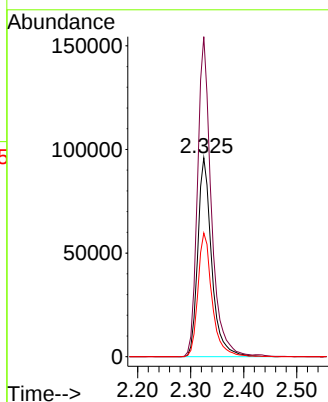
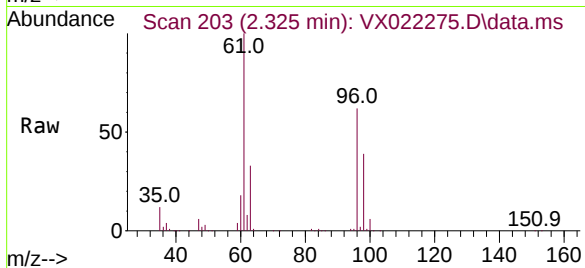
Tgt Ion: 96 Resp: 174347

Ion Ratio Lower Upper

96 100

61 160.9 124.6 187.0

98 62.2 50.6 76.0



#16

Acetone

Concen: 10.61 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022275.D

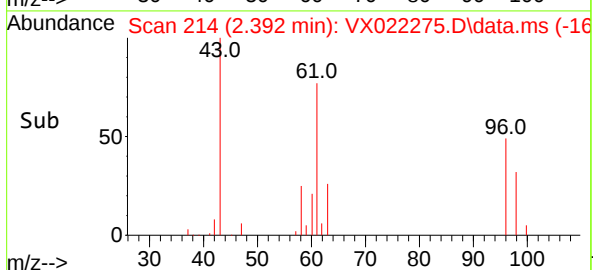
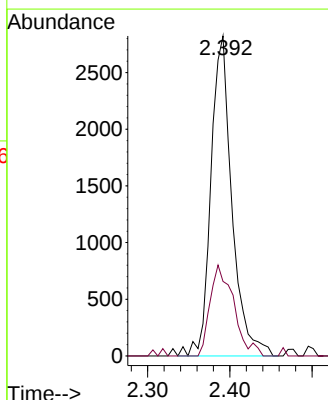
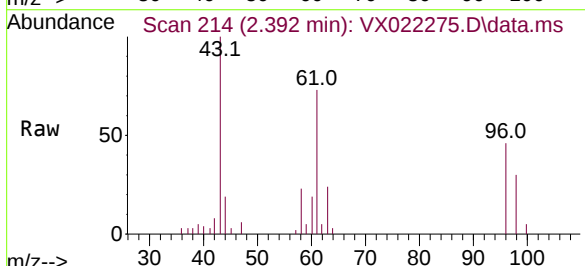
Acq: 29 May 2021 01:06

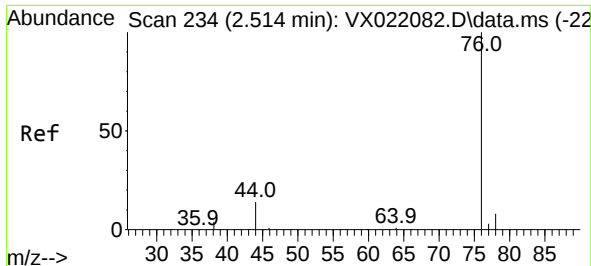
Tgt Ion: 43 Resp: 5023

Ion Ratio Lower Upper

43 100

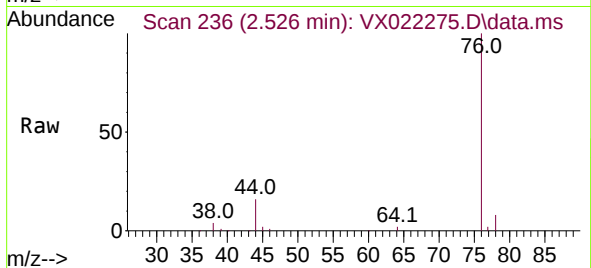
58 23.3 27.8 41.8#



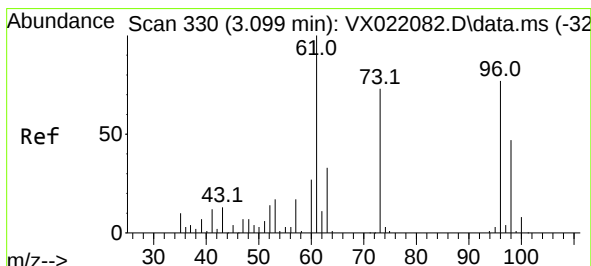
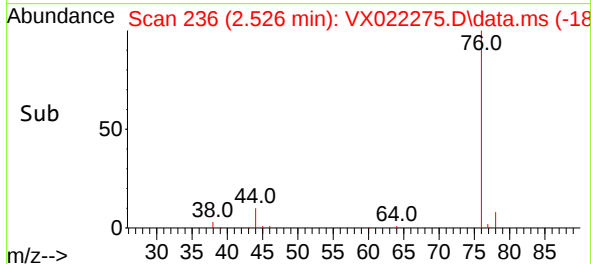
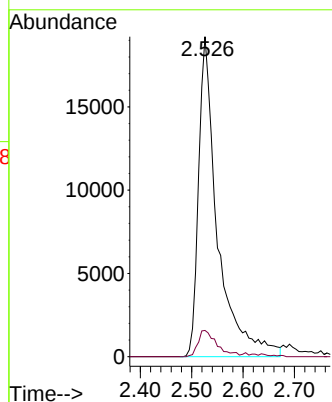


#17
Carbon Disulfide
Concen: 23.29 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.012 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526

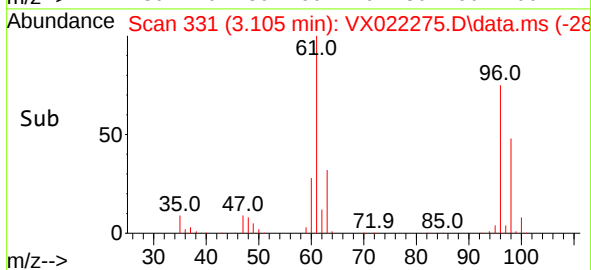
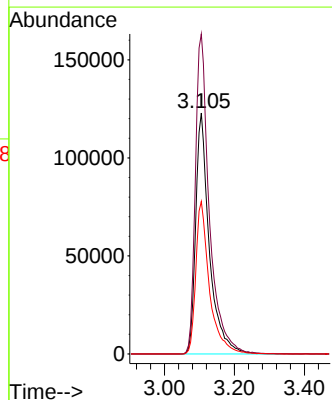
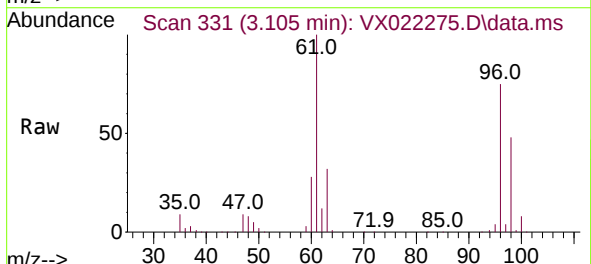


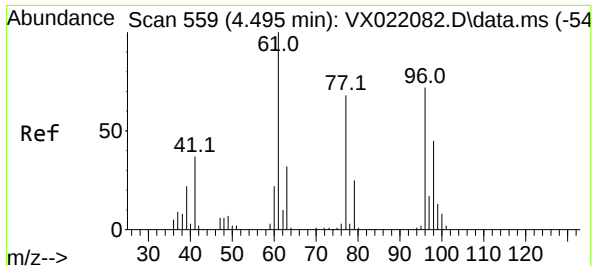
Tgt Ion: 76 Resp: 49266
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#21
trans-1,2-Dichloroethene
Concen: 378.00 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

Tgt Ion: 96 Resp: 332079
Ion Ratio Lower Upper
96 100
61 132.8 107.7 161.5
98 63.3 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 24512.11 ug/l

RT: 4.538 min Scan# 566

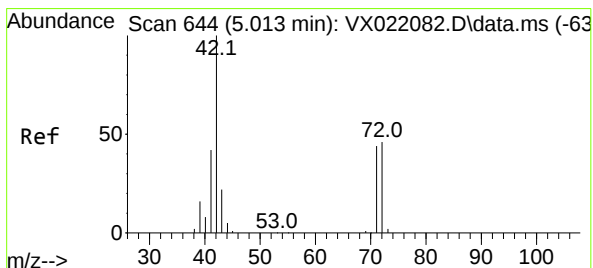
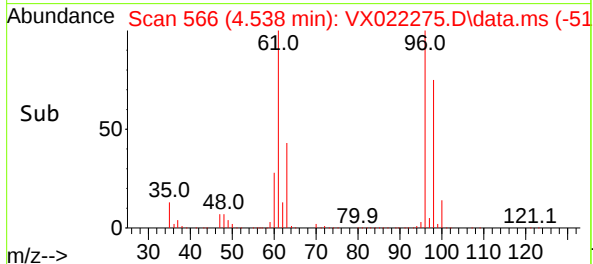
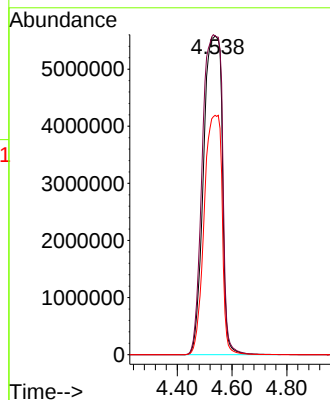
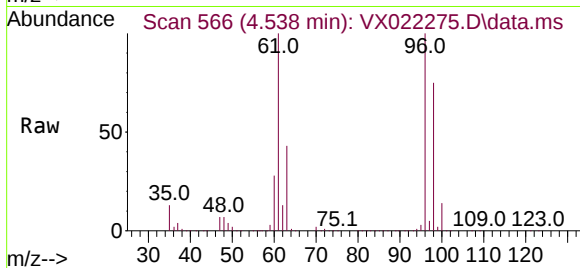
Delta R.T. 0.043 min

Lab File: VX022275.D

Acq: 29 May 2021 01:06

Tgt Ion: 96 Resp: 26188872

Ion	Ratio	Lower	Upper
96	100		
61	108.1	0.0	285.6
98	71.8	0.0	129.6



#29

Tetrahydrofuran

Concen: 257.12 ug/l

RT: 5.031 min Scan# 647

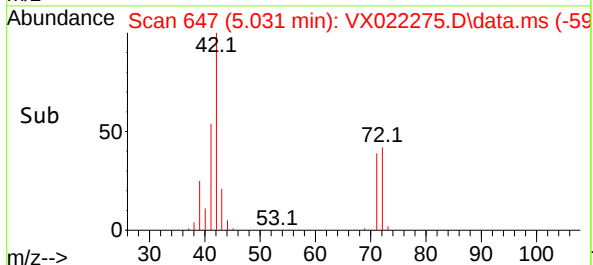
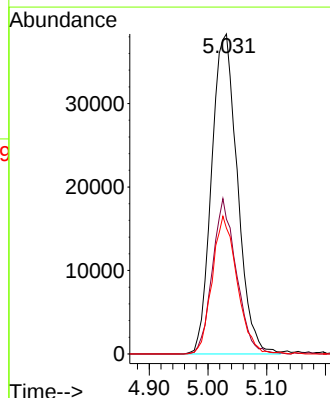
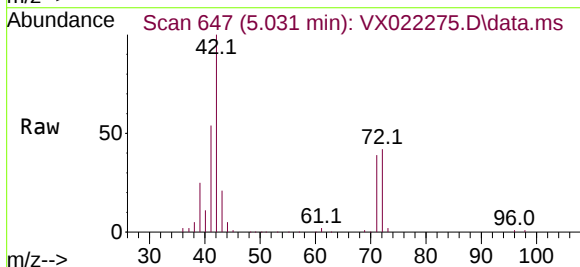
Delta R.T. 0.018 min

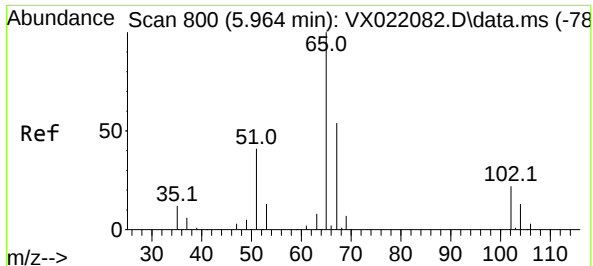
Lab File: VX022275.D

Acq: 29 May 2021 01:06

Tgt Ion: 42 Resp: 117190

Ion	Ratio	Lower	Upper
42	100		
72	44.9	41.7	62.5
71	41.3	38.4	57.6





#33

1,2-Dichloroethane-d4

Concen: 53.56 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022275.D

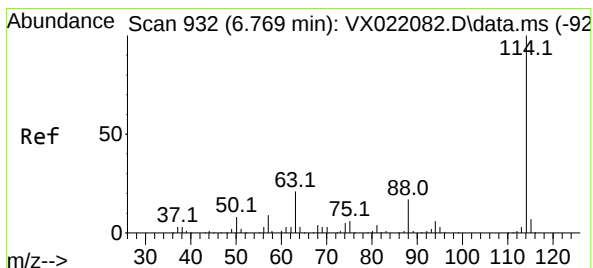
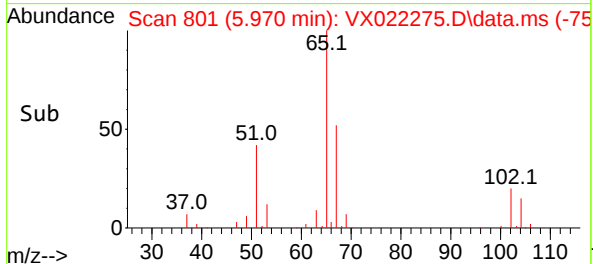
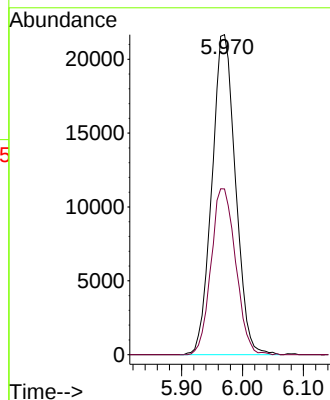
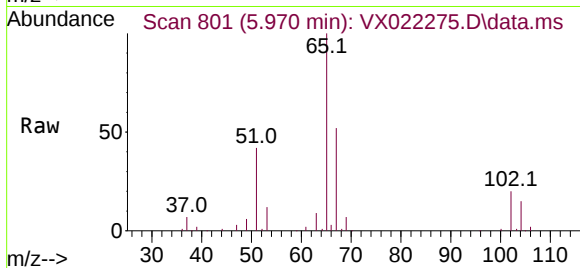
Acq: 29 May 2021 01:06

Tgt Ion: 65 Resp: 58229

Ion Ratio Lower Upper

65 100

67 54.1 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: VX022275.D

Acq: 29 May 2021 01:06

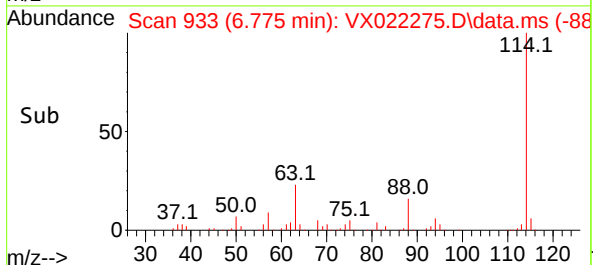
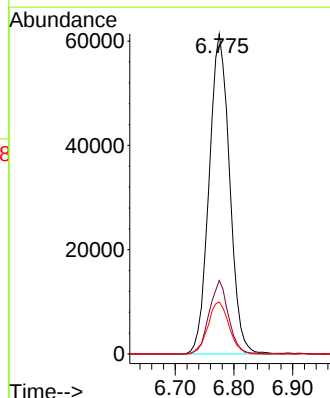
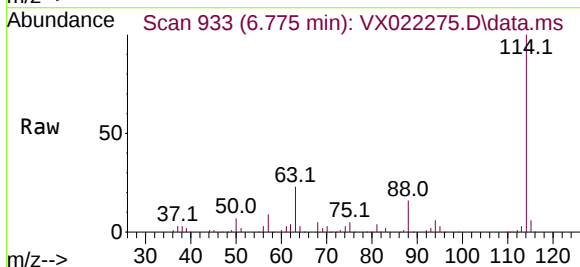
Tgt Ion: 114 Resp: 148621

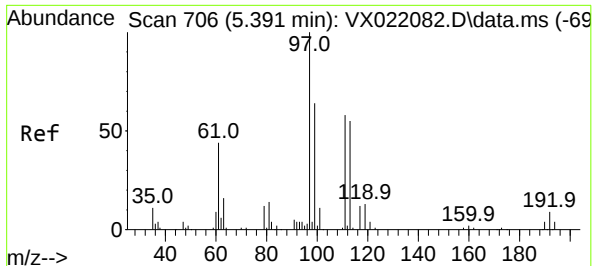
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 43.23 ug/l

RT: 5.403 min Scan# 708

Delta R.T. 0.012 min

Lab File: VX022275.D

Acq: 29 May 2021 01:06

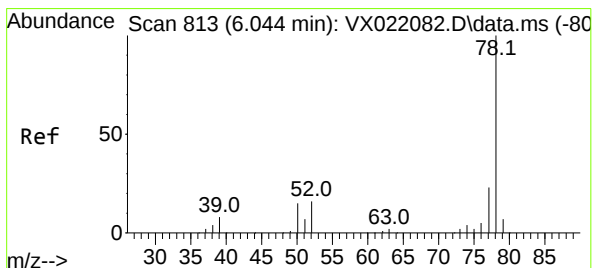
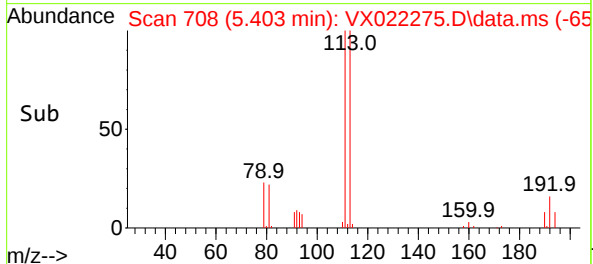
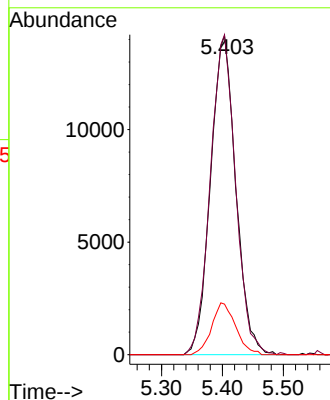
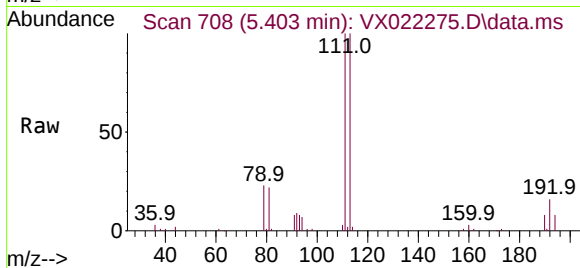
Tgt Ion:113 Resp: 40739

Ion Ratio Lower Upper

113 100

111 100.3 81.9 122.9

192 15.5 16.7 25.1#



#40

Benzene

Concen: 2.29 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.012 min

Lab File: VX022275.D

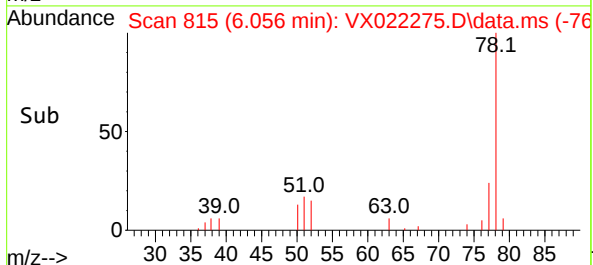
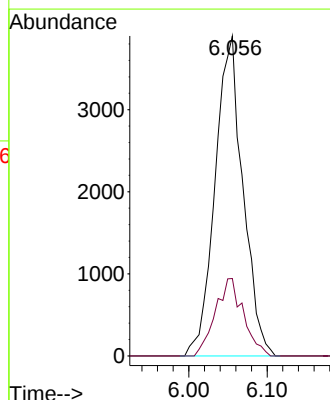
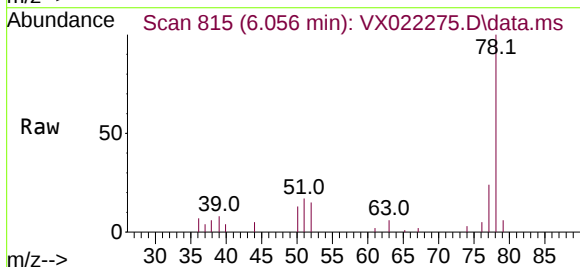
Acq: 29 May 2021 01:06

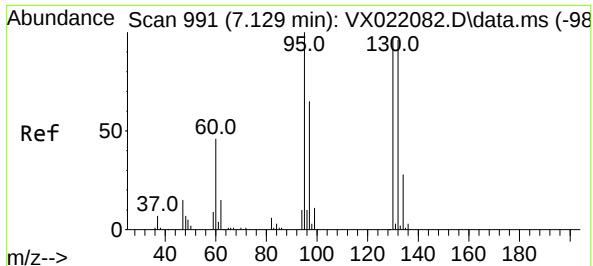
Tgt Ion: 78 Resp: 9663

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3

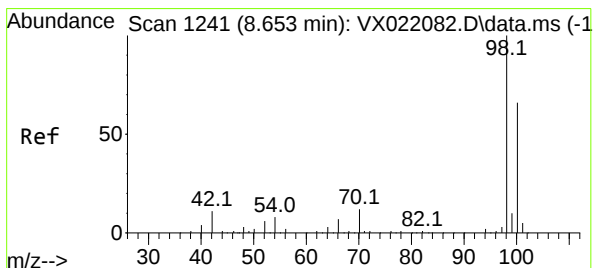
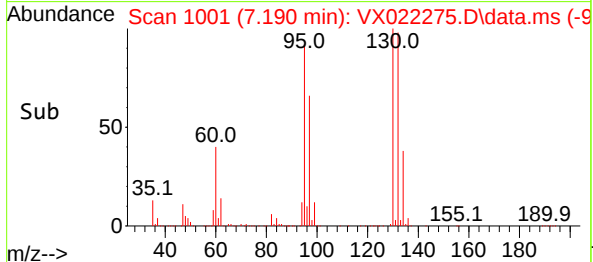
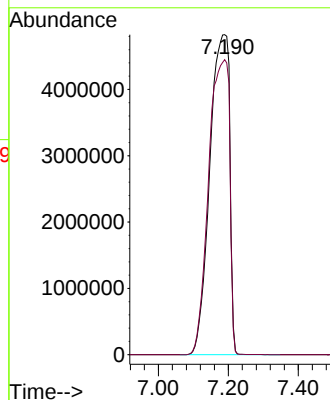
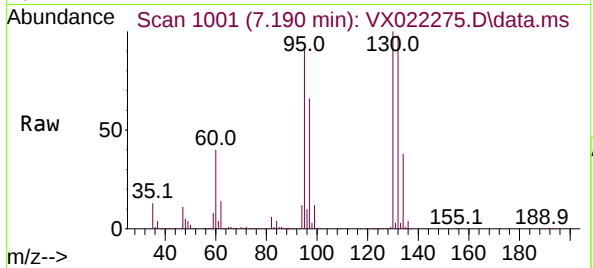




#44
Trichloroethene
Concen: 18058.94 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.061 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

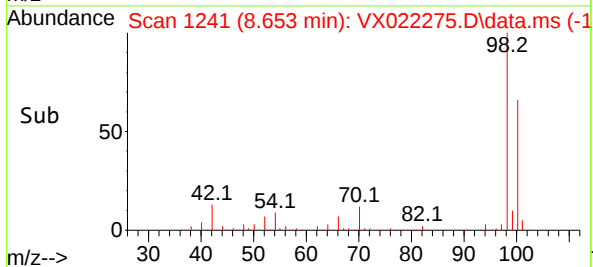
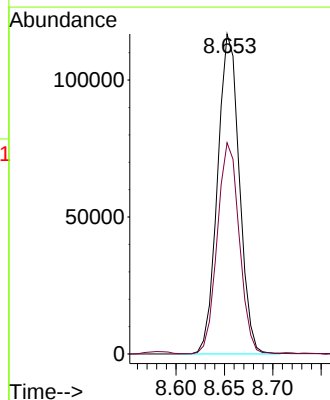
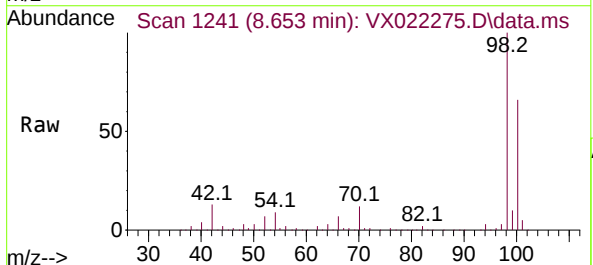
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526

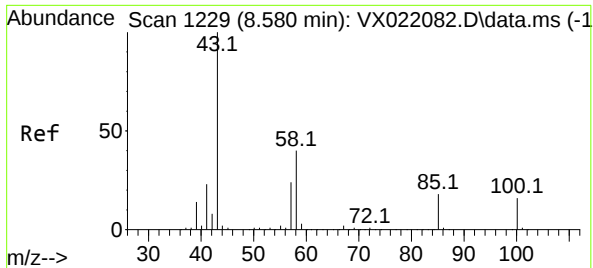
Tgt Ion:130 Resp:18975580
Ion Ratio Lower Upper
130 100
95 92.2 0.0 198.0



#50
Toluene-d8
Concen: 50.36 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

Tgt Ion: 98 Resp: 182825
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

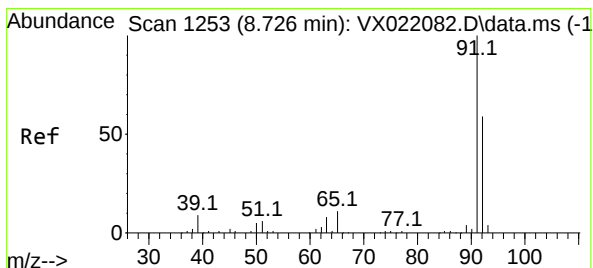
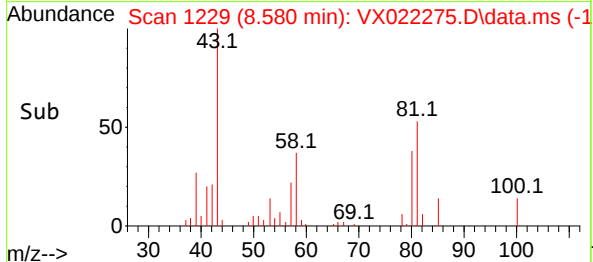
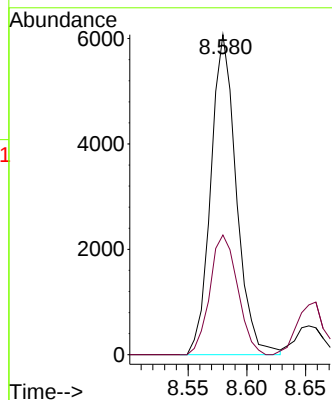
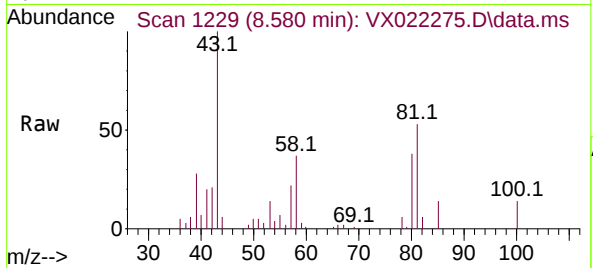




#51
4-Methyl-2-Pentanone
Concen: 5.57 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

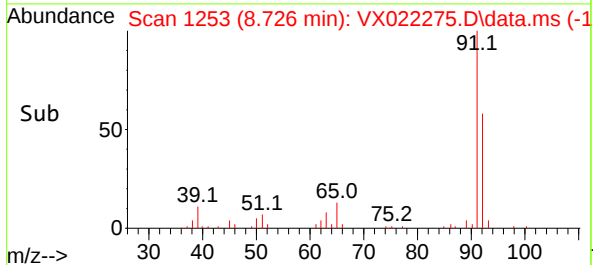
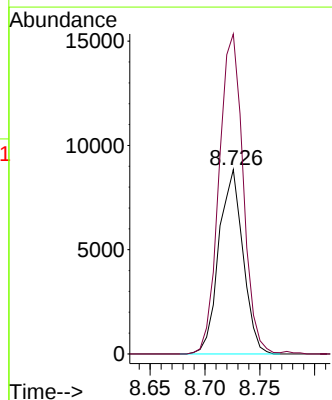
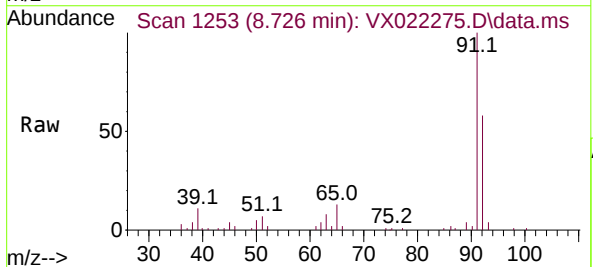
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526

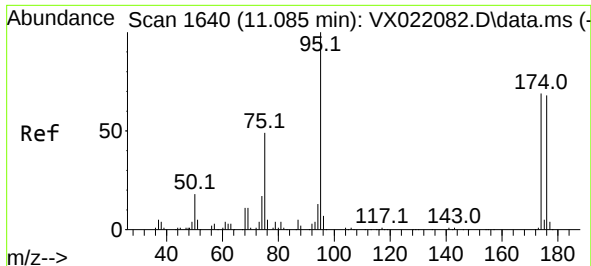
Tgt Ion: 43 Resp: 9189
Ion Ratio Lower Upper
43 100
58 40.5 35.4 53.0



#52
Toluene
Concen: 5.06 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

Tgt Ion: 92 Resp: 13557
Ion Ratio Lower Upper
92 100
91 173.4 137.1 205.7

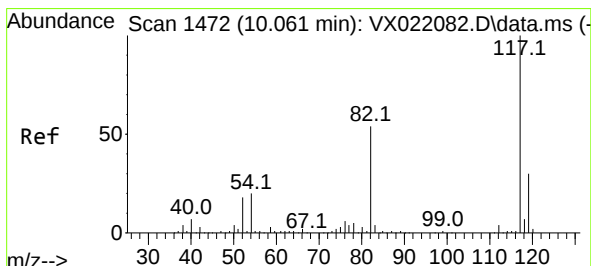
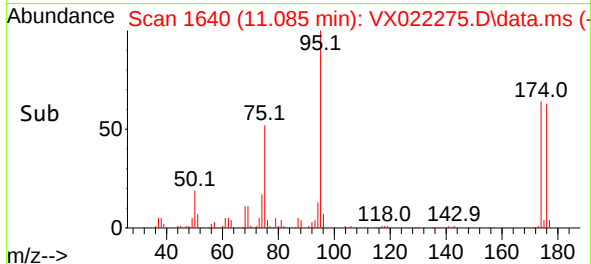
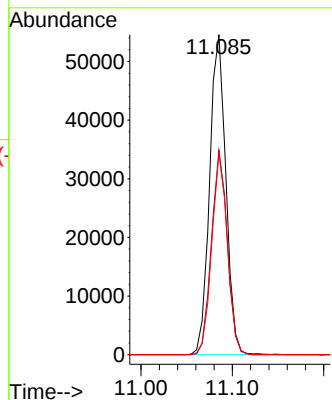
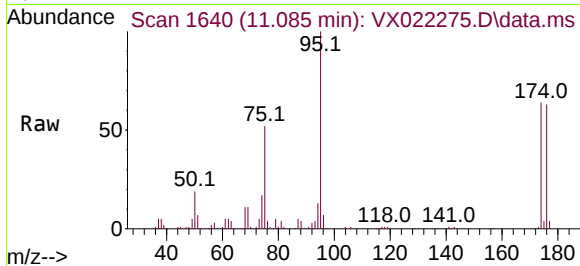




#62
4-Bromofluorobenzene
Concen: 49.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

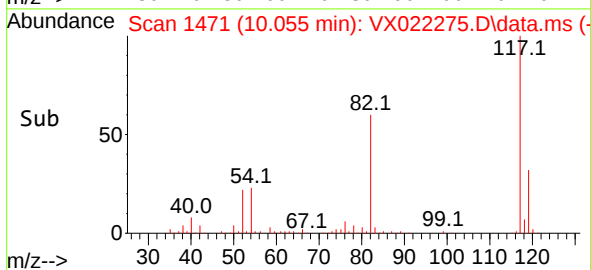
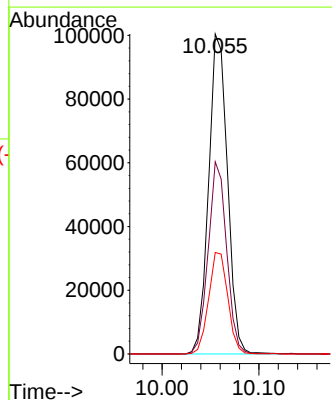
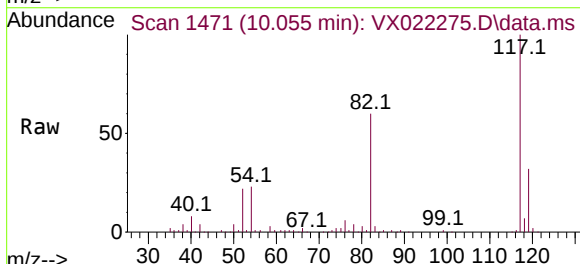
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526

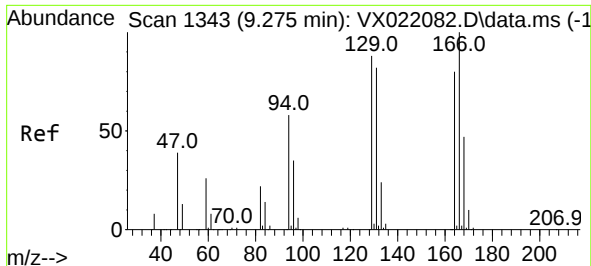
Tgt Ion: 95 Resp: 67010
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 60.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

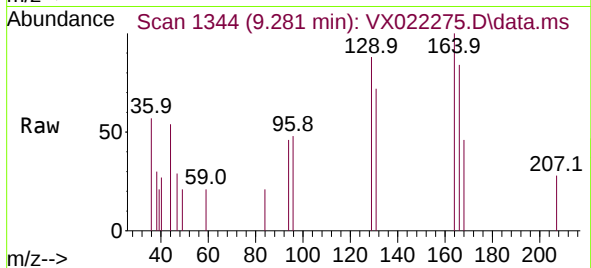
Tgt Ion: 117 Resp: 136174
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.7 26.6 39.8



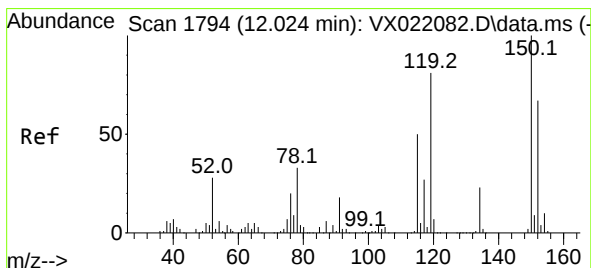
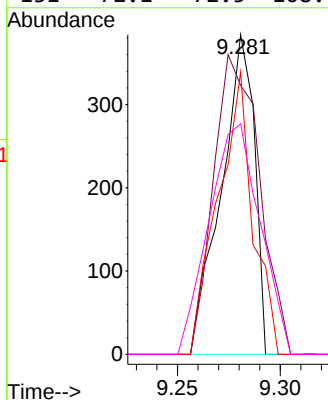
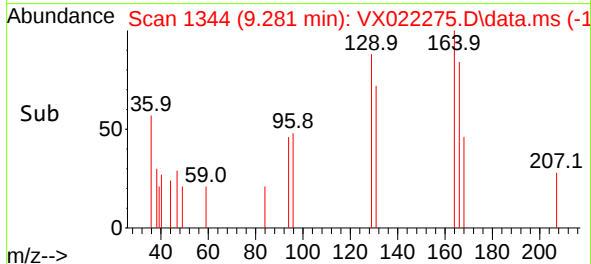


#64
Tetrachloroethene
Concen: 0.48 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022275.D
Acq: 29 May 2021 01:06

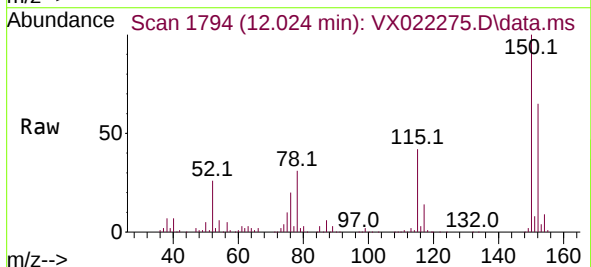
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526



Tgt Ion:164 Resp: 432
Ion Ratio Lower Upper
164 100
166 84.1 103.4 155.2#
129 88.3 70.8 106.2
131 72.1 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: VX022275.D
Acq: 29 May 2021 01:06



Tgt Ion:152 Resp: 56448
Ion Ratio Lower Upper
152 100
115 65.2 41.1 123.3
150 155.7 0.0 349.0

