

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021582.D
 Acq On : 29 Mar 2021 17:13
 Operator : JC/MD
 Sample : M1860-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 30 03:30:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

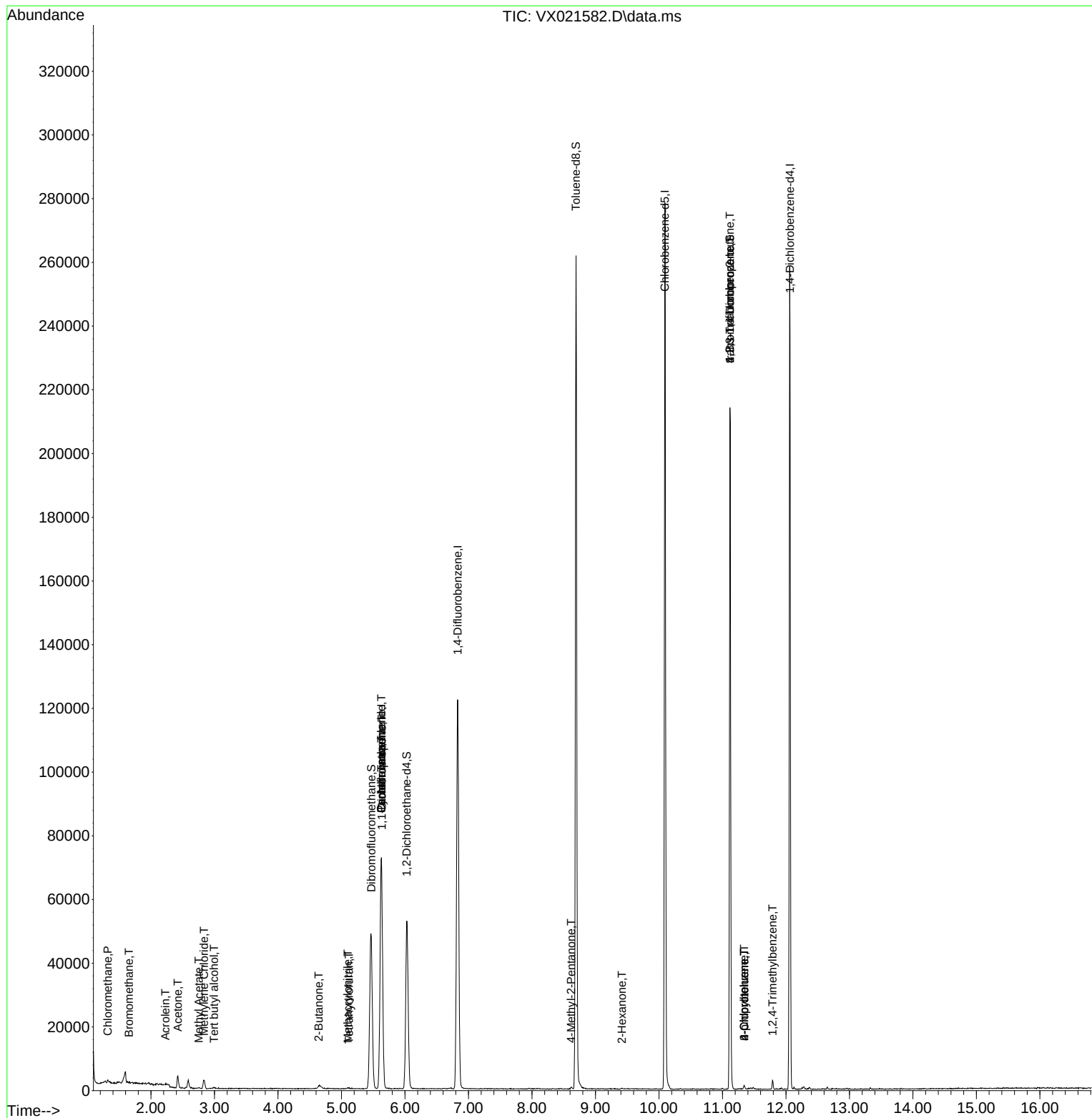
Internal Standards							
1) Pentafluorobenzene		5.628	168	63263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene		6.829	114	115027	50.00	ug/l	0.00
63) Chlorobenzene-d5		10.094	117	115396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.065	152	48213	50.00	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		6.029	65	53027	50.38	ug/l	0.00
Spiked Amount 50.000		Range	78 - 117	Recovery	= 100.76%		
35) Dibromofluoromethane		5.470	113	40500	49.57	ug/l	0.00
Spiked Amount 50.000		Range	75 - 124	Recovery	= 99.14%		
50) Toluene-d8		8.694	98	146344	50.26	ug/l	0.00
Spiked Amount 50.000		Range	92 - 112	Recovery	= 100.52%		
62) 4-Bromofluorobenzene		11.117	95	56700	50.09	ug/l	0.00
Spiked Amount 50.000		Range	83 - 123	Recovery	= 100.18%		
Target Compounds							Qvalue
3) Chloromethane		1.316	50	1459	1.87	ug/l #	84
5) Bromomethane		1.652	94	70	0.24	ug/l #	2
11) Tert butyl alcohol		2.993	59	183	1.05	ug/l #	73
13) Acrolein		2.228	56	18	4.50	ug/l #	1
16) Acetone		2.422	43	3942	9.90	ug/l #	83
18) Methyl Acetate		2.752	43	265	0.23	ug/l #	47
20) Methylene Chloride		2.834	84	1195	1.54	ug/l #	88
25) 2-Butanone		4.640	43	637	1.06	ug/l #	45
29) Tetrahydrofuran		5.117	42	265	0.68	ug/l #	27
31) Cyclohexane		5.628	56	1775	1.53	ug/l #	36
36) 1,1-Dichloropropene		5.634	75	5697	5.05	ug/l #	48
38) Carbon Tetrachloride		5.628	117	6953	5.74	ug/l #	15
41) Methacrylonitrile		5.099	41	156	0.21	ug/l #	41
51) 4-Methyl-2-Pentanone		8.617	43	450	0.35	ug/l #	71
59) 2-Hexanone		9.417	43	218	0.22	ug/l #	19
76) 1,2,3-Trichloropropane		11.117	75	31922	28.44	ug/l #	38
78) n-propylbenzene		11.341	91	852	0.21	ug/l	94
79) 2-Chlorotoluene		11.341	91	852	0.35	ug/l #	41
81) trans-1,4-Dichloro-2-b...		11.117	75	31922	86.63	ug/l #	12
82) 4-Chlorotoluene		11.341	91	852	0.30	ug/l #	45
84) 1,2,4-Trimethylbenzene		11.788	105	1227	0.42	ug/l	95

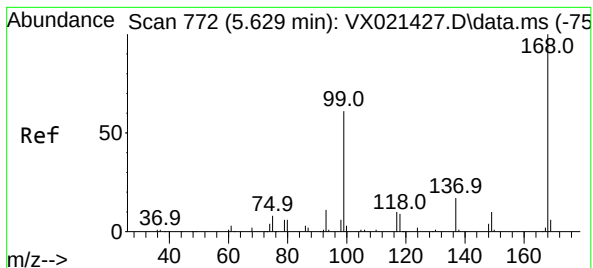
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

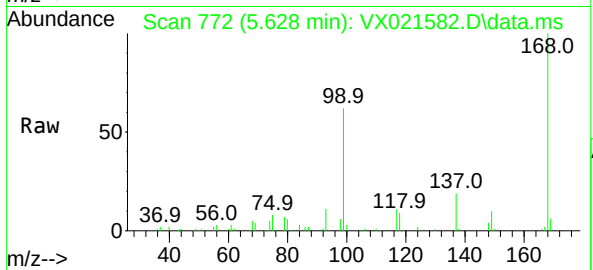
Quant Time: Mar 30 03:30:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



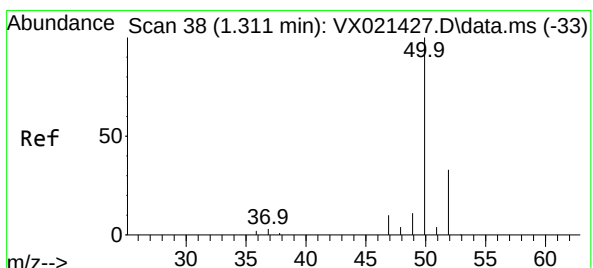
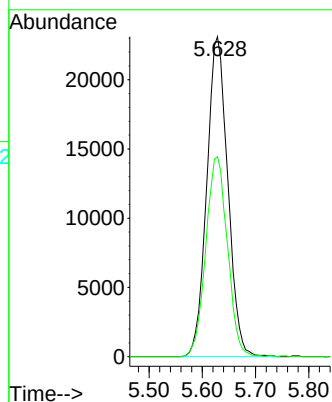
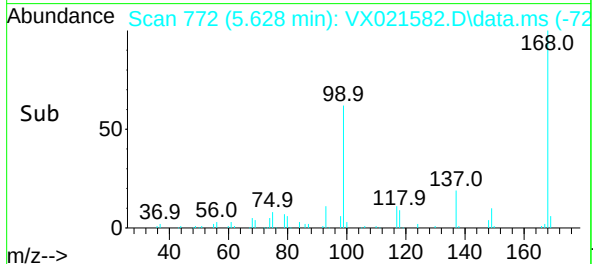


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.628 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

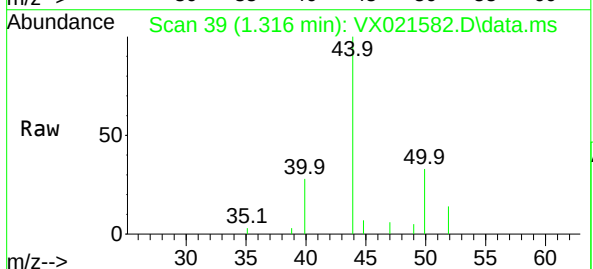
Instrument :
MSVOA_X
ClientSampled :



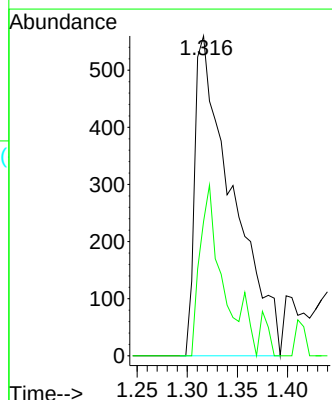
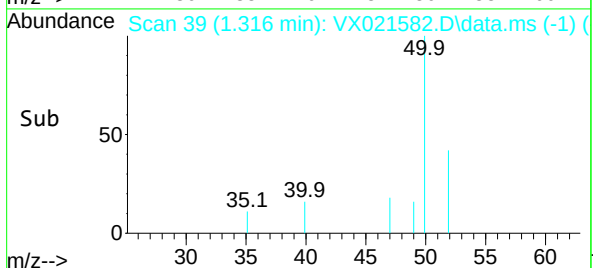
Tgt Ion:168 Resp: 63263
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6

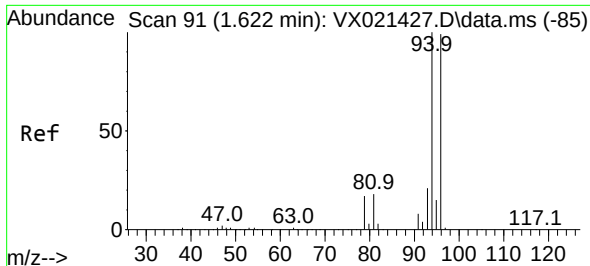


#3
Chloromethane
Concen: 1.87 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13



Tgt Ion: 50 Resp: 1459
Ion Ratio Lower Upper
50 100
52 42.0 26.4 39.6#

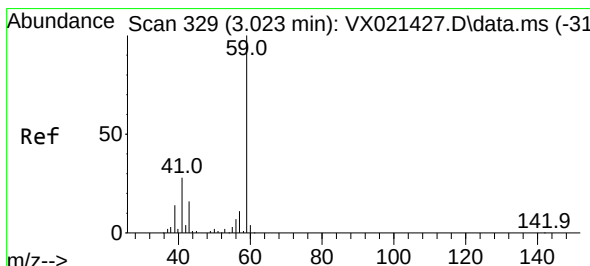
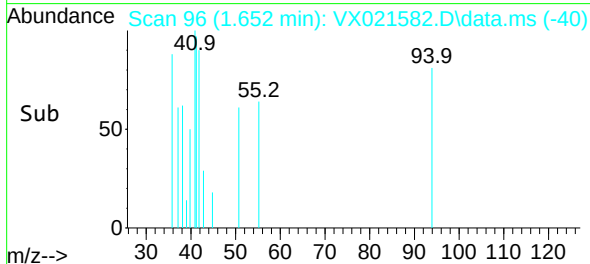
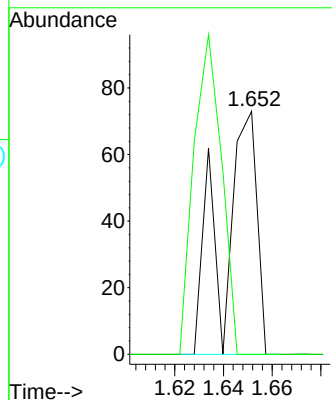
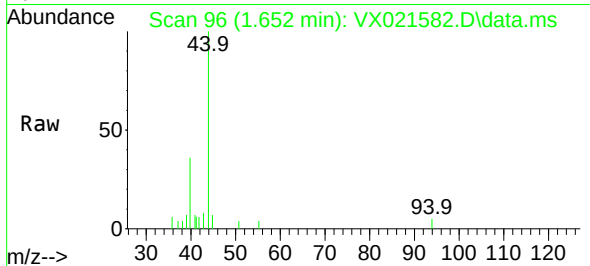




#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.652 min Scan# 96
Delta R.T. 0.030 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

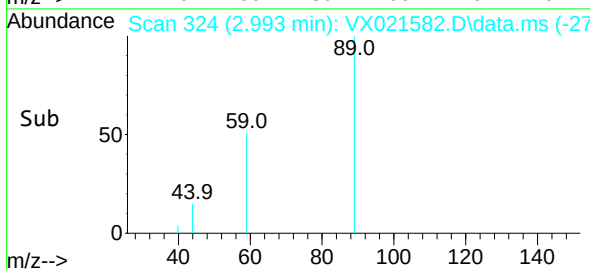
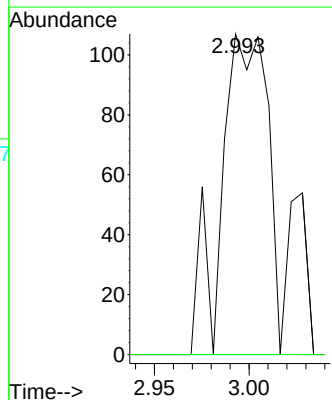
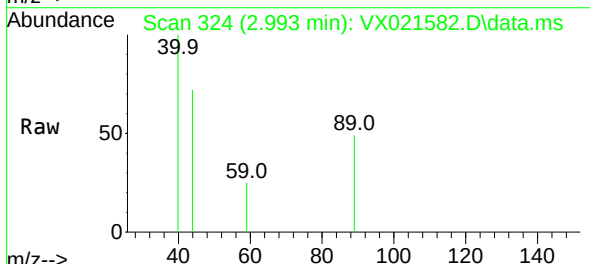
Instrument :
MSVOA_X
ClientSampled :

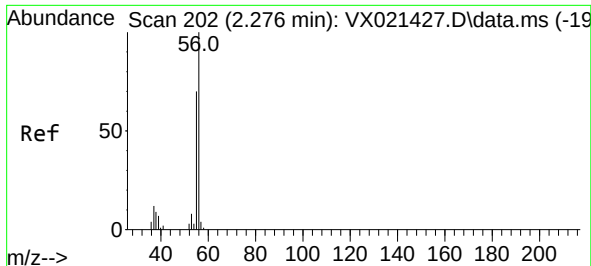
Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 1.05 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

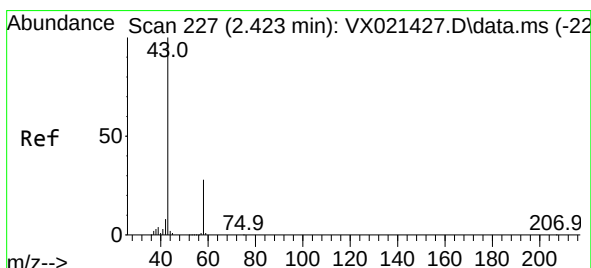
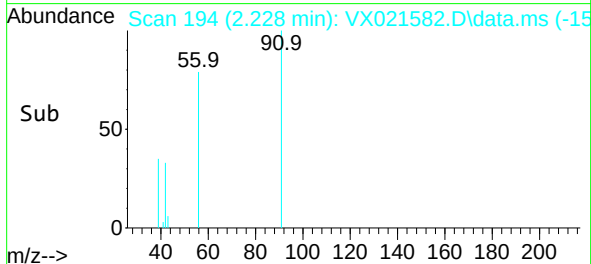
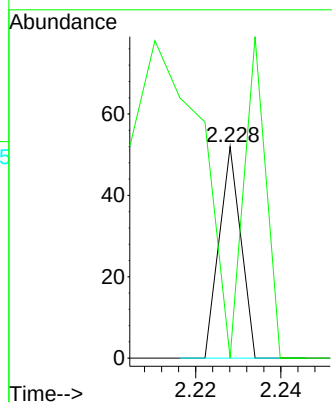
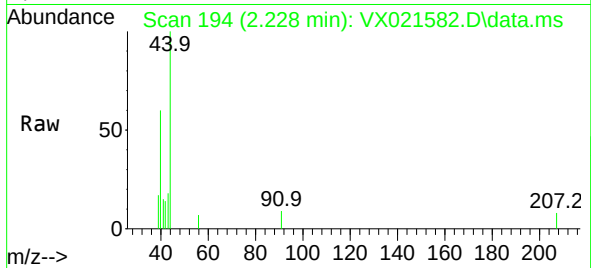




#13
Acrolein
Concen: 4.50 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

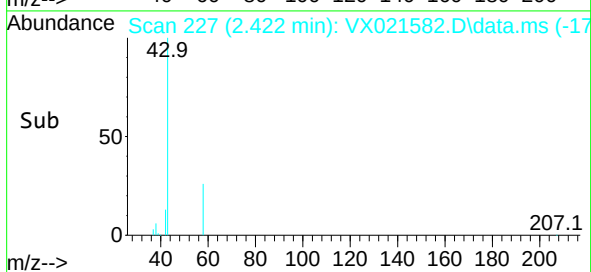
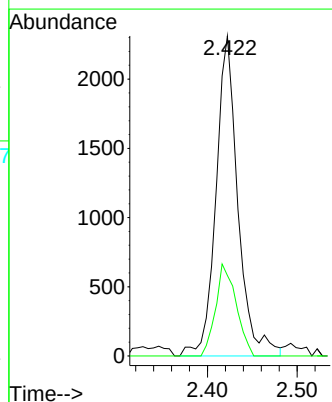
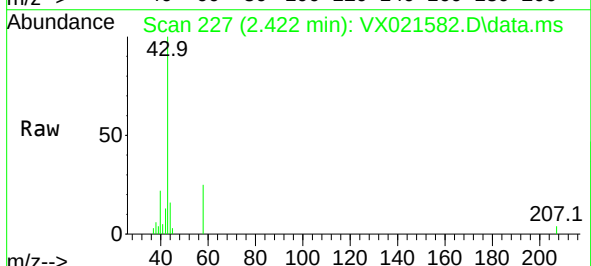
Instrument :
MSVOA_X
ClientSampled :

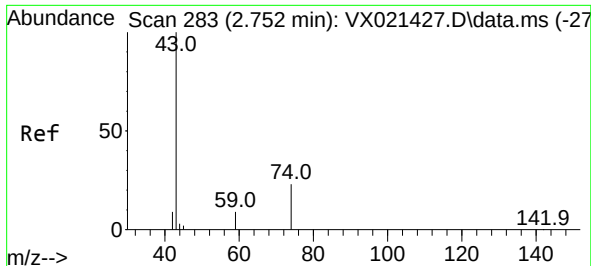
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 605.6 56.4 84.6#



#16
Acetone
Concen: 9.90 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

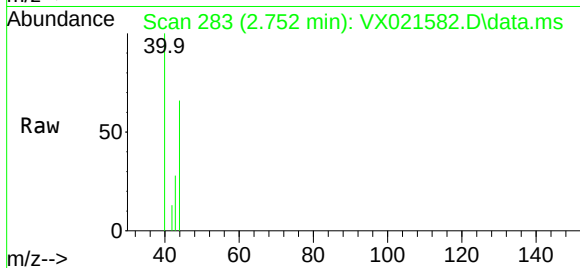
Tgt Ion: 43 Resp: 3942
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#



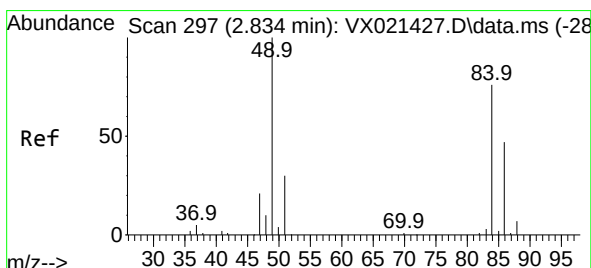
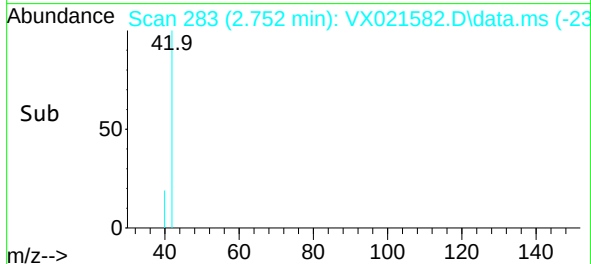
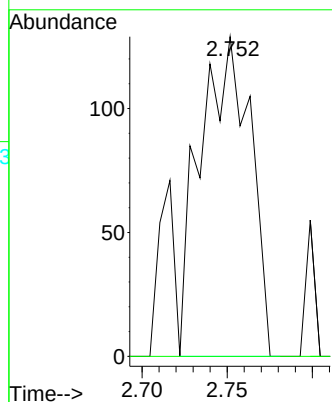


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Instrument :
MSVOA_X
ClientSampled :

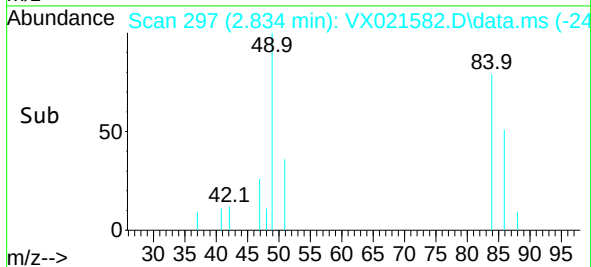
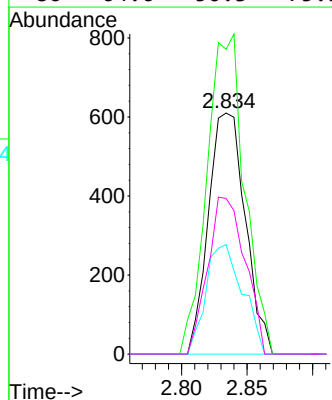
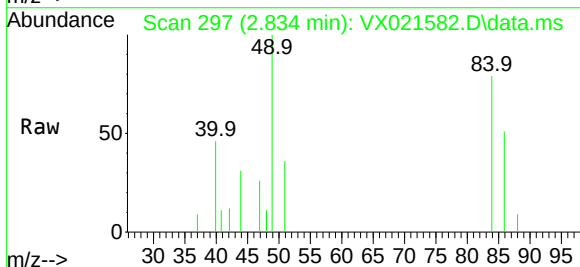


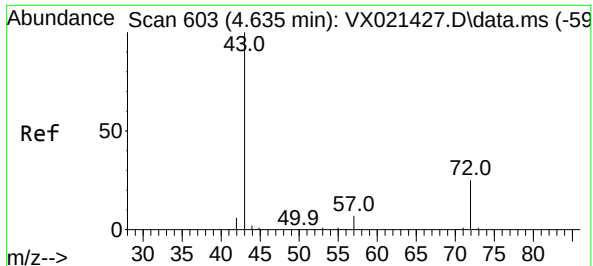
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 1.54 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion: 84 Resp: 1195
Ion Ratio Lower Upper
84 100
49 126.4 88.6 132.8
51 45.4 27.0 40.6#
86 64.6 50.3 75.5

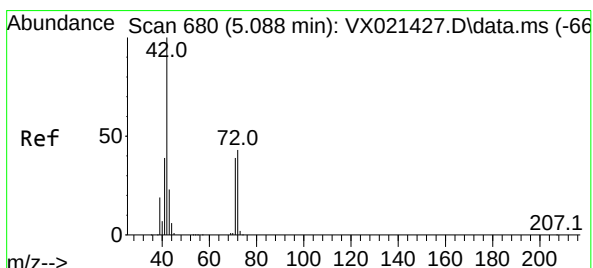
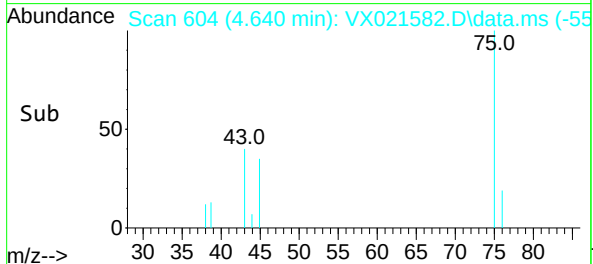
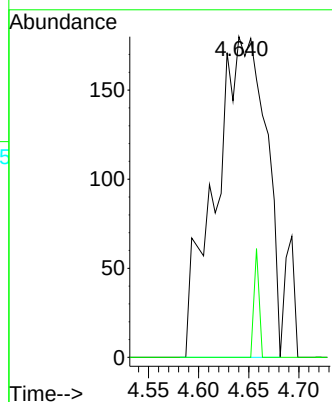
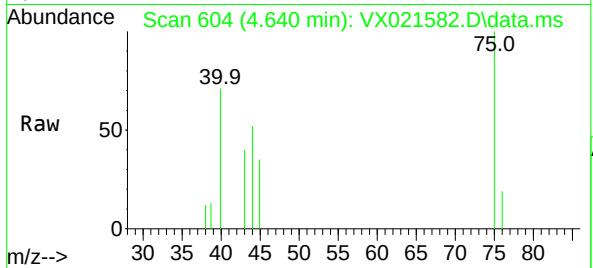




#25
2-Butanone
Concen: 1.06 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.005 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

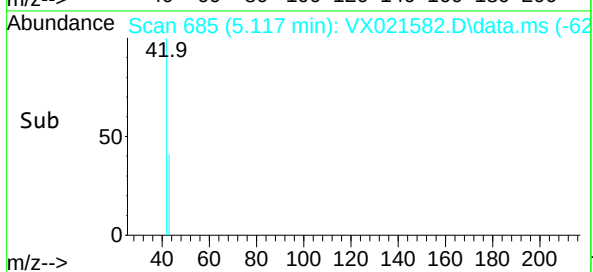
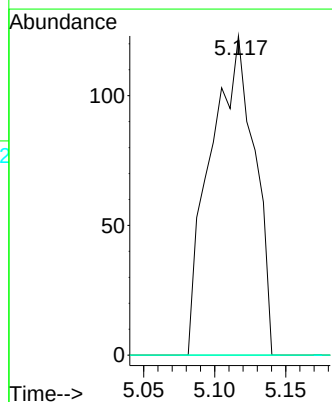
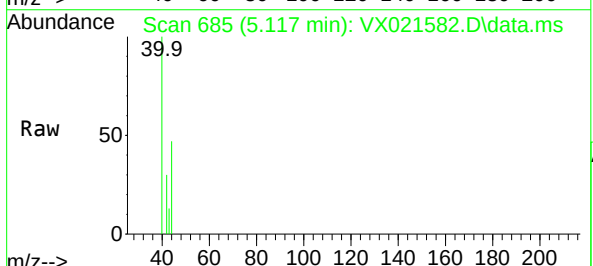
Instrument :
MSVOA_X
ClientSampled :

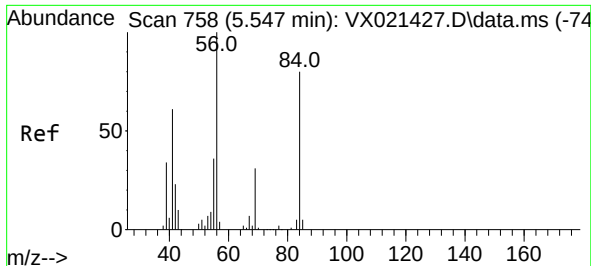
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.68 ug/l
RT: 5.117 min Scan# 685
Delta R.T. 0.029 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

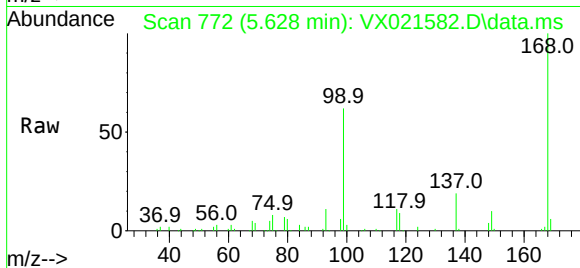
Tgt Ion: 42 Resp: 265
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



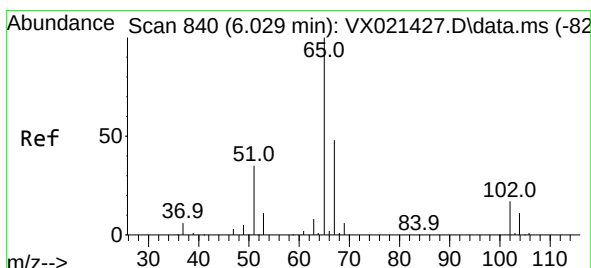
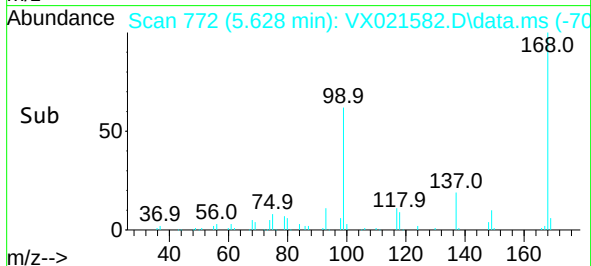
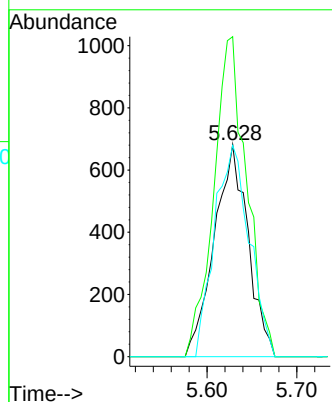


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.628 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Instrument :
MSVOA_X
ClientSampled :

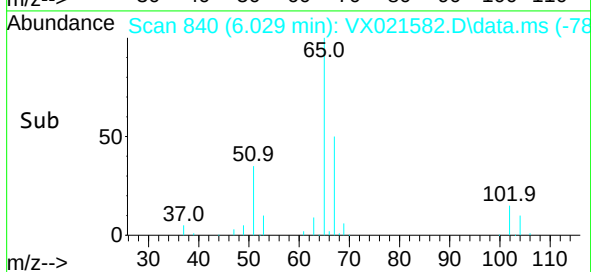
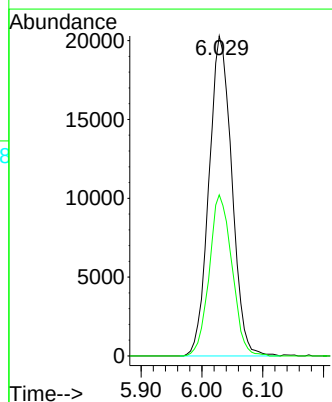
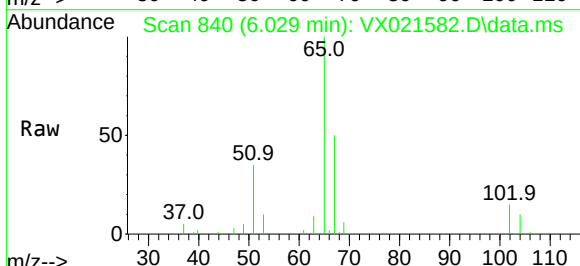


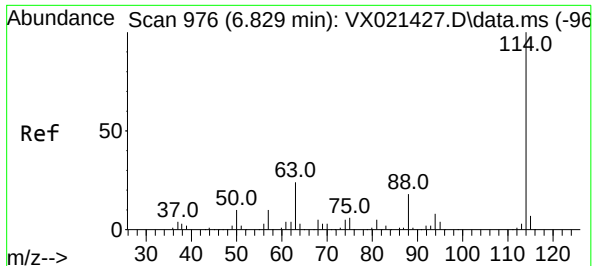
Tgt Ion: 56 Resp: 1775
Ion Ratio Lower Upper
56 100
69 150.9 25.3 37.9#
84 99.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.38 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion: 65 Resp: 53027
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

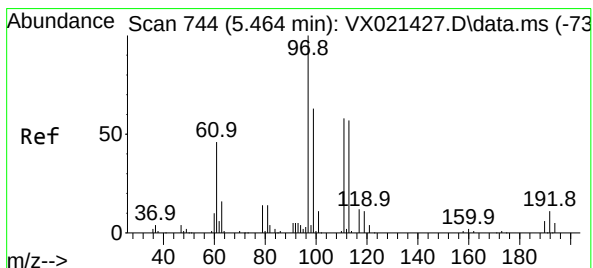
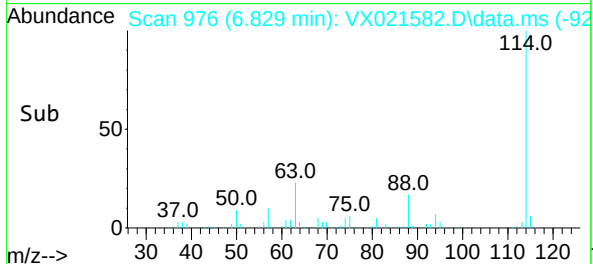
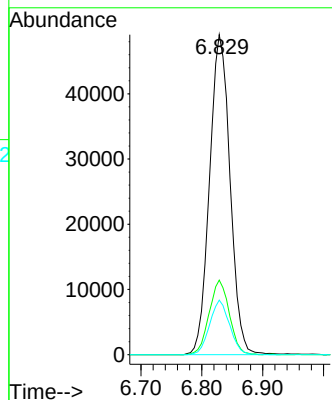
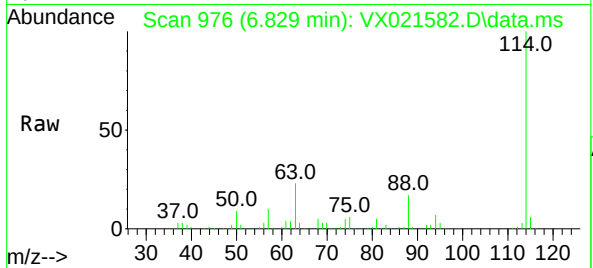




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

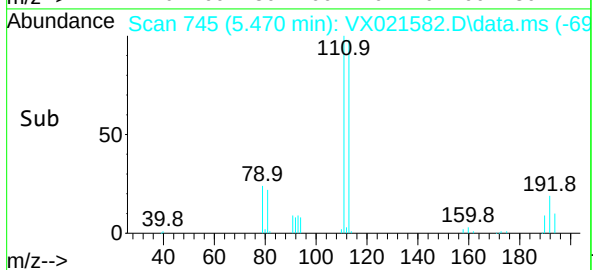
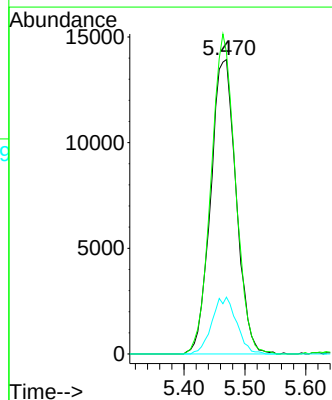
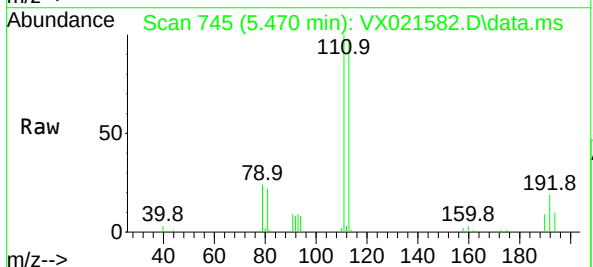
Instrument :
MSVOA_X
ClientSampled :

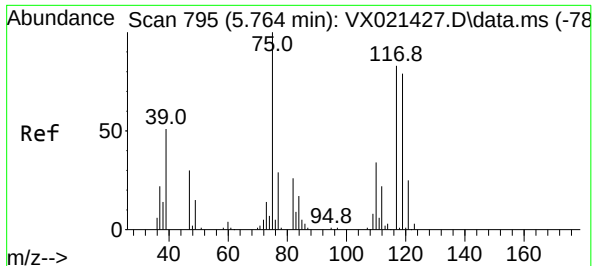
Tgt Ion:114 Resp: 115027
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.57 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion:113 Resp: 40500
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 5.634 min Scan# 773

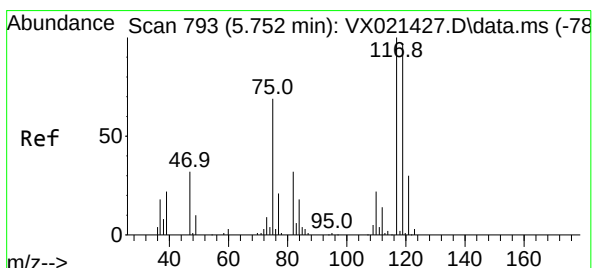
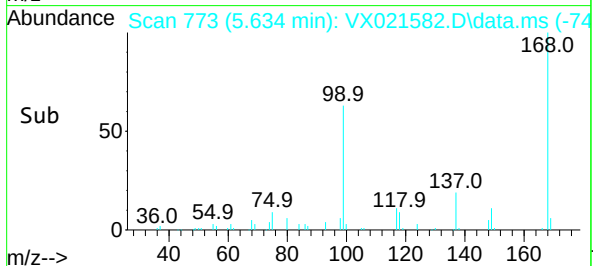
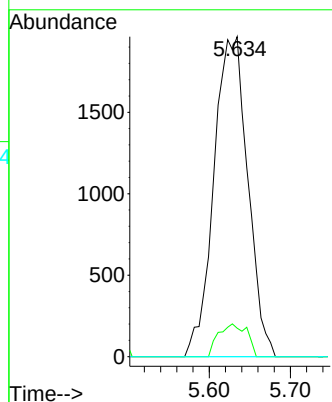
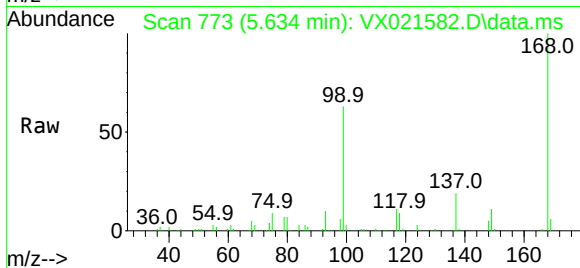
Delta R.T. -0.130 min

Lab File: VX021582.D

Acq: 29 Mar 2021 17:13

Tgt Ion: 75	Resp: 5697
Ion Ratio	Lower Upper
75 100	
110 8.6	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.74 ug/l

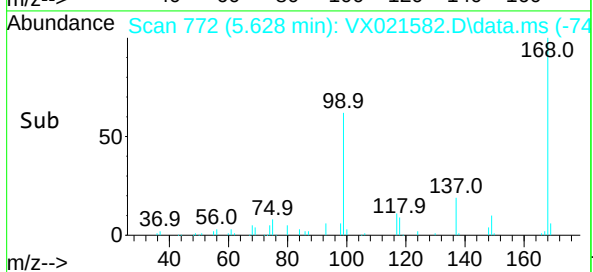
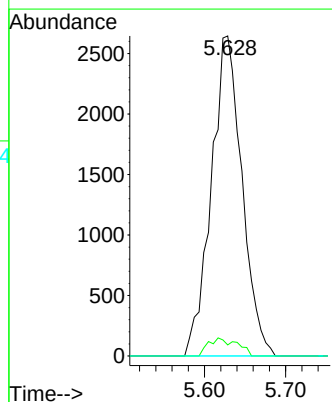
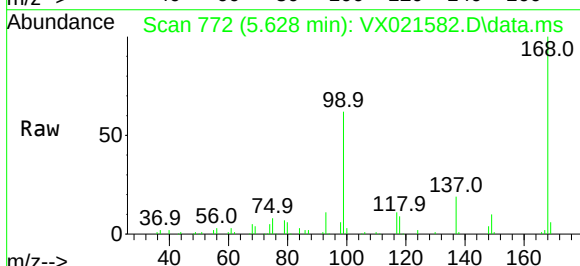
RT: 5.628 min Scan# 772

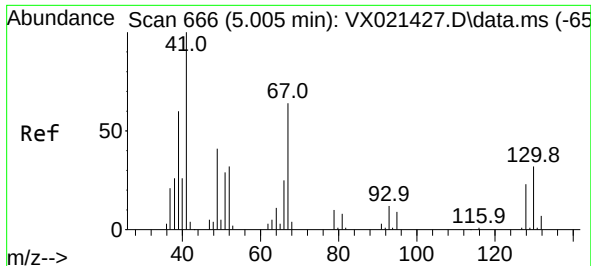
Delta R.T. -0.123 min

Lab File: VX021582.D

Acq: 29 Mar 2021 17:13

Tgt Ion: 117	Resp: 6953
Ion Ratio	Lower Upper
117 100	
119 3.5	76.2 114.2#
121 0.0	24.8 37.2#

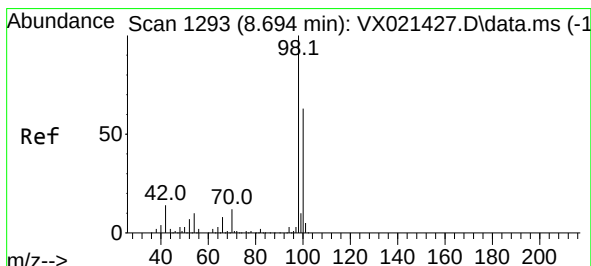
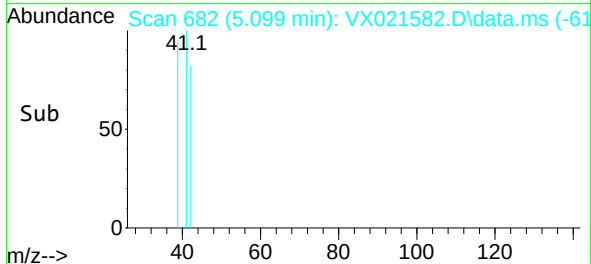
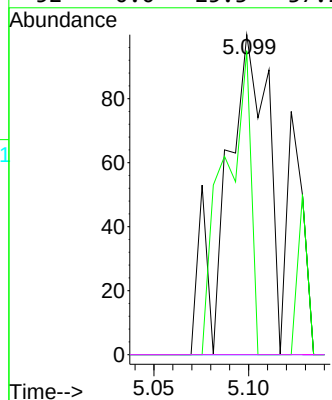
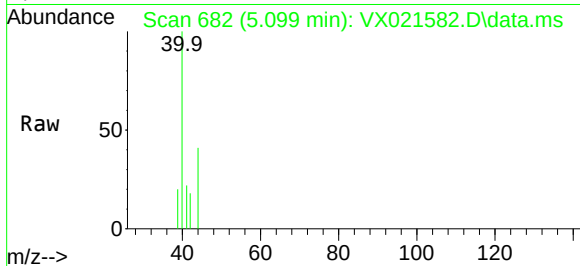




#41
Methacrylonitrile
Concen: 0.21 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.094 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

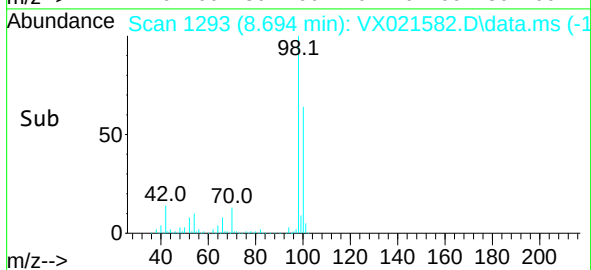
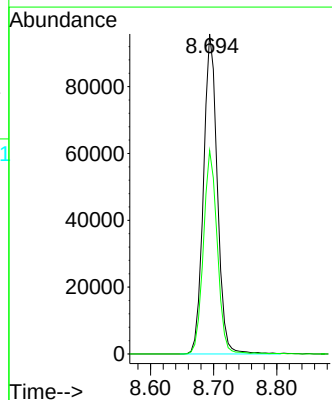
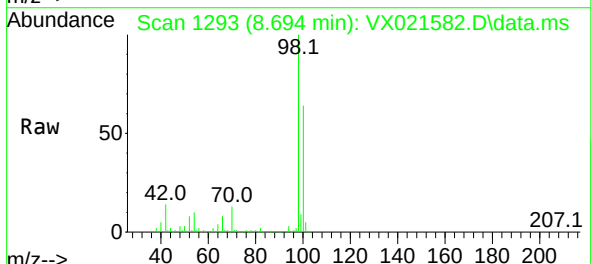
Instrument :
MSVOA_X
ClientSampled :

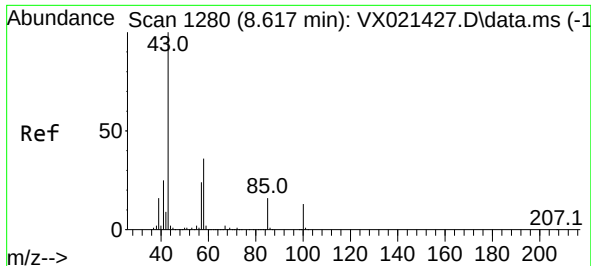
Tgt Ion:	41	Resp:	156
Ion	Ratio	Lower	Upper
41	100		
39	59.6	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 50.26 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion:	98	Resp:	146344
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9

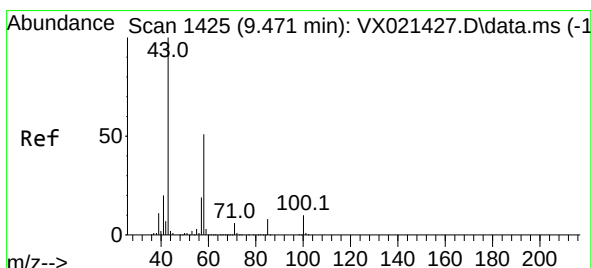
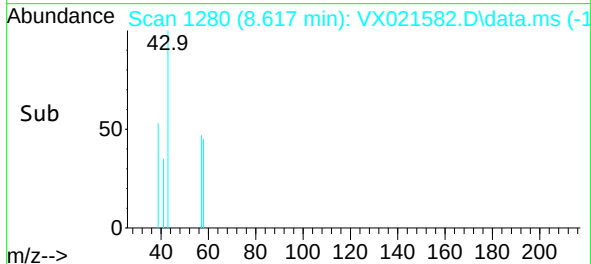
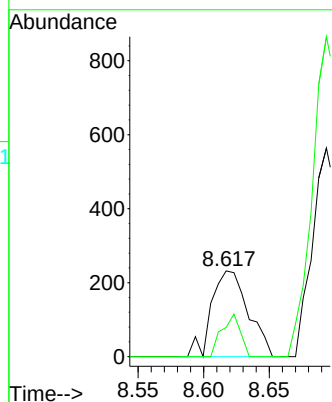
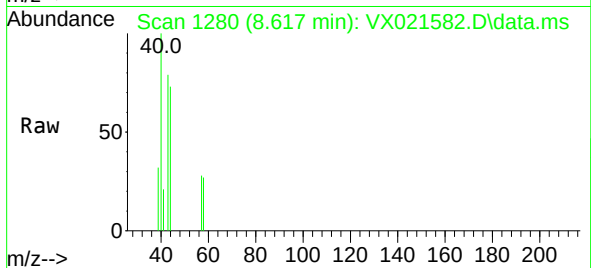




#51
4-Methyl-2-Pentanone
Concen: 0.35 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

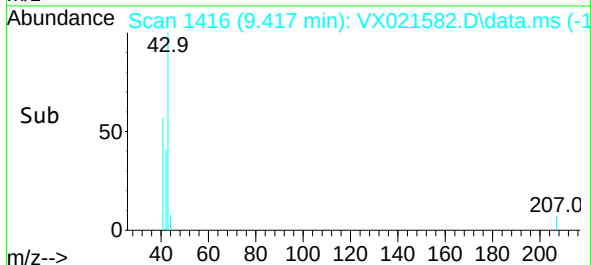
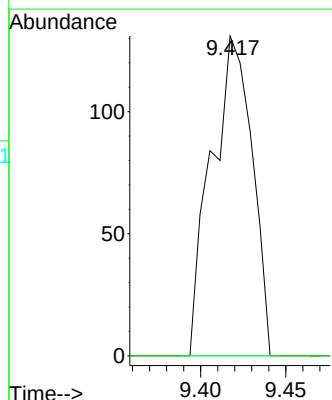
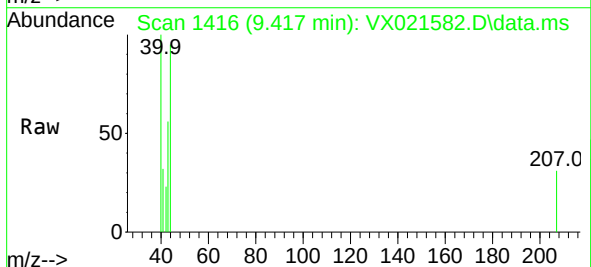
Instrument :
MSVOA_X
ClientSampled :

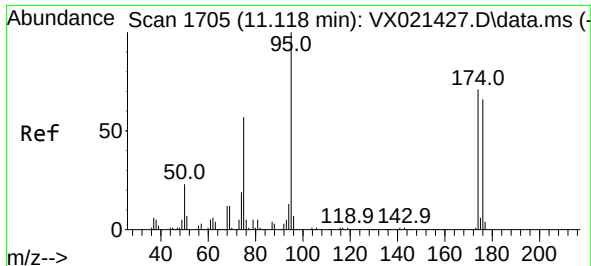
Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
58 25.1 35.4 53.0#



#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.417 min Scan# 1416
Delta R.T. -0.054 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

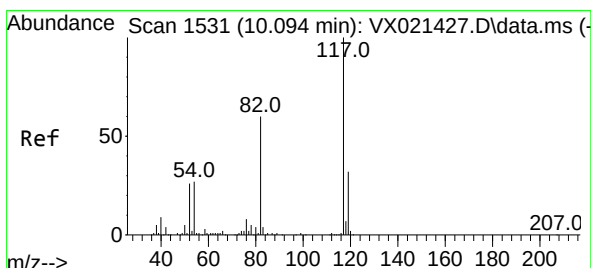
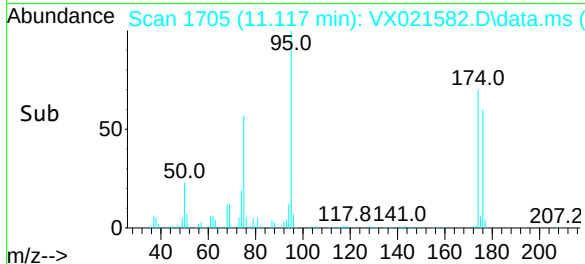
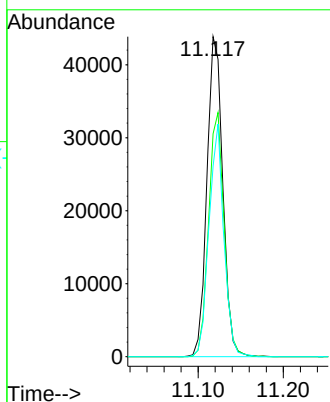
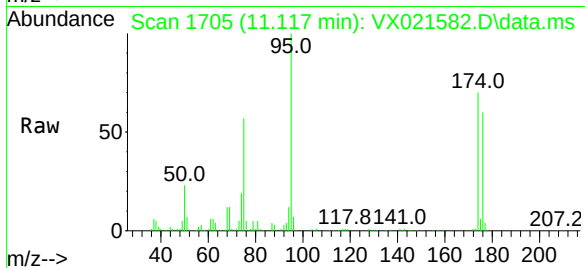




#62
4-Bromofluorobenzene
Concen: 50.09 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

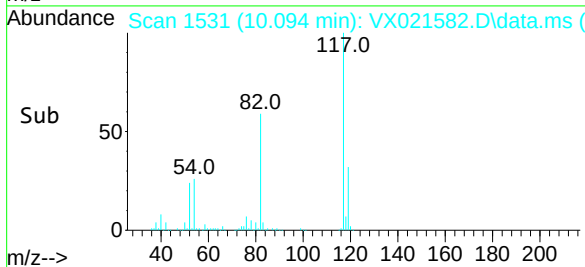
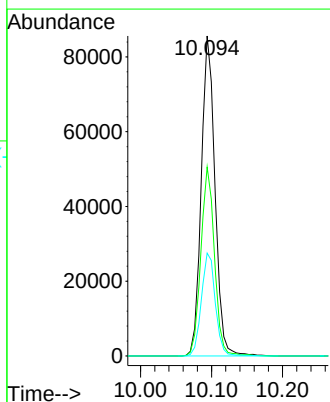
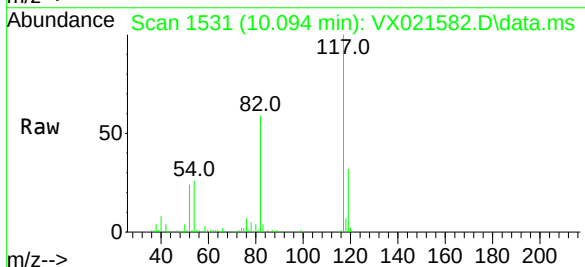
Instrument :
MSVOA_X
ClientSampleId :

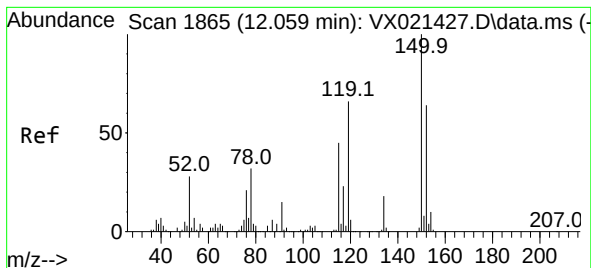
Tgt Ion: 95 Resp: 56700
Ion Ratio Lower Upper
95 100
174 74.9 0.0 154.6
176 68.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion: 117 Resp: 115396
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.1 26.6 39.8

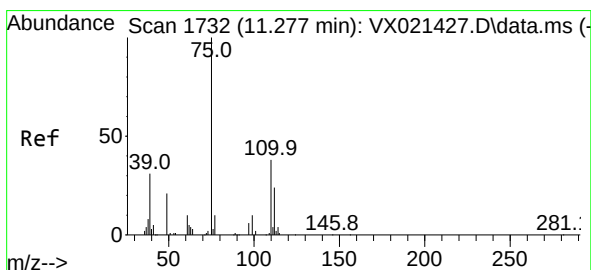
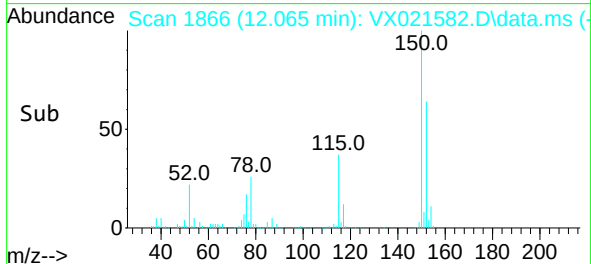
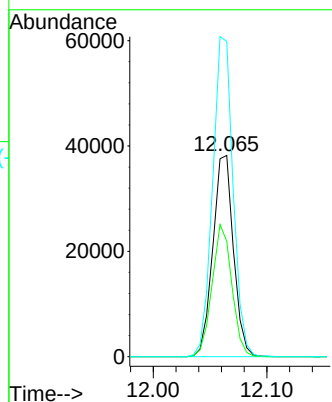
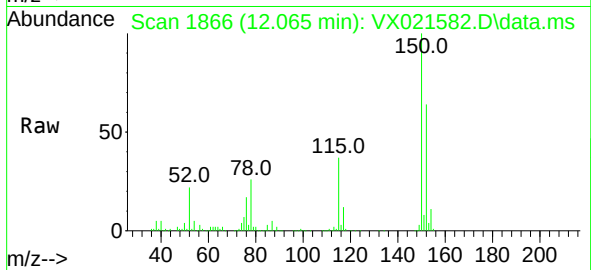




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

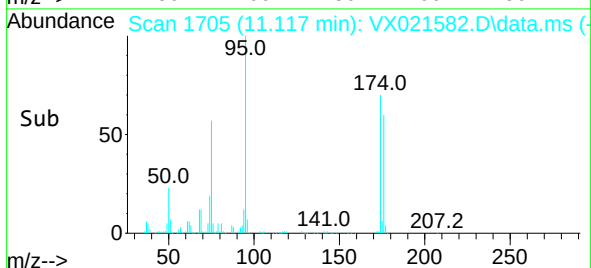
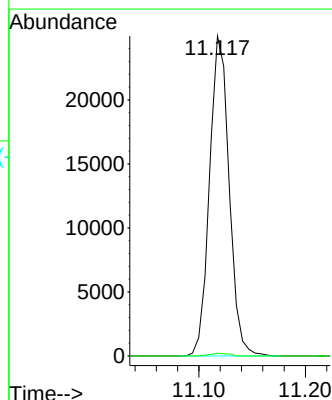
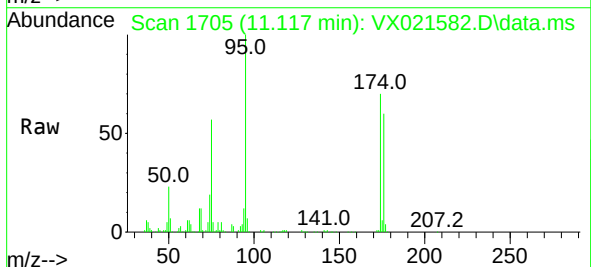
Instrument :
MSVOA_X
ClientSampleId :

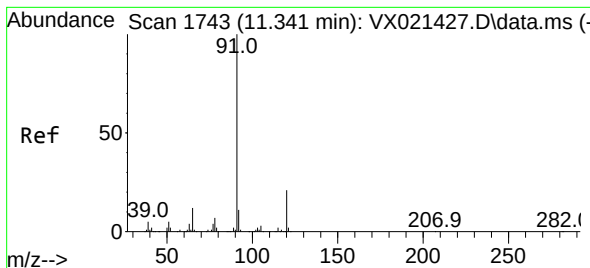
Tgt Ion:152 Resp: 48213
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 157.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.44 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.160 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion: 75 Resp: 31922
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#

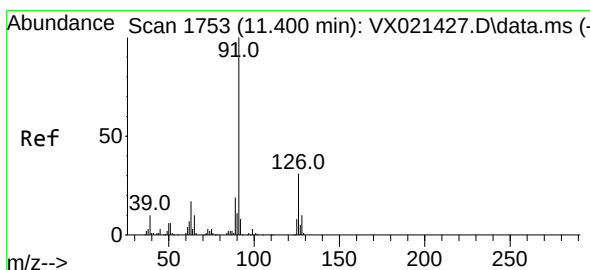
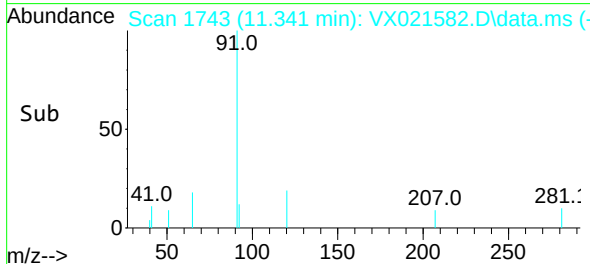
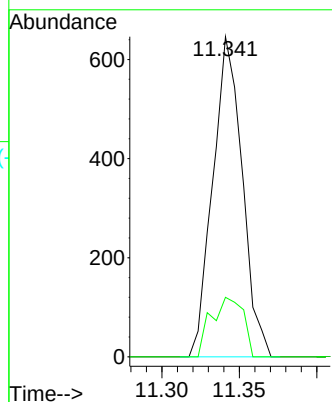
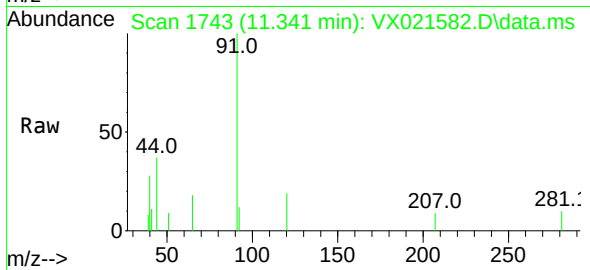




#78
n-propylbenzene
Concen: 0.21 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

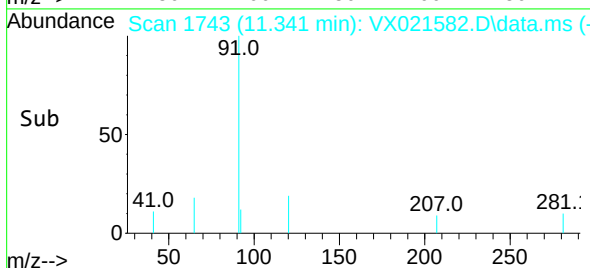
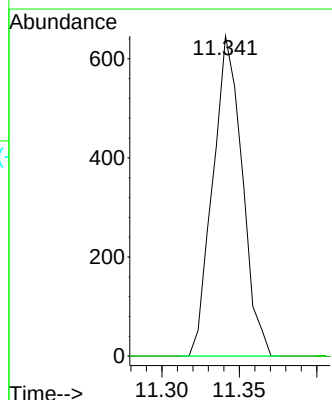
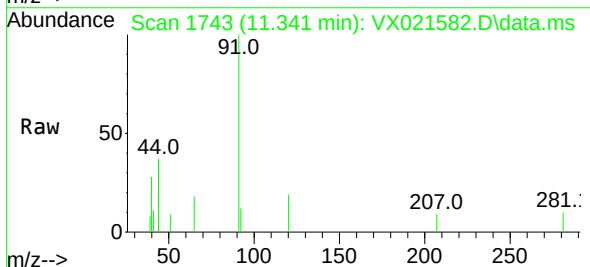
Instrument :
MSVOA_X
ClientSampled :

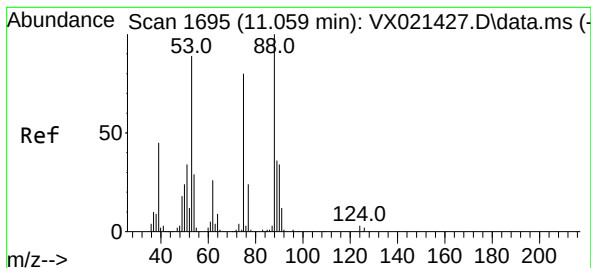
Tgt Ion: 91 Resp: 852
Ion Ratio Lower Upper
91 100
120 20.2 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.35 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.059 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

Tgt Ion: 91 Resp: 852
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

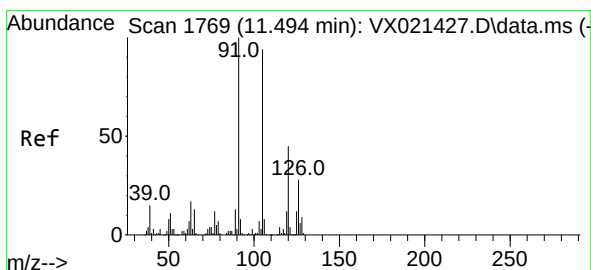
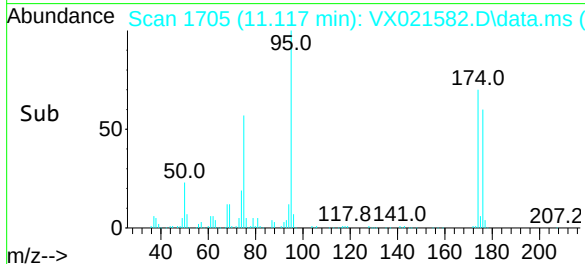
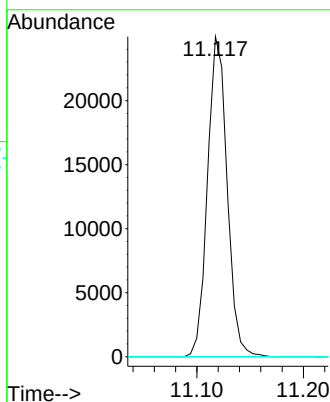
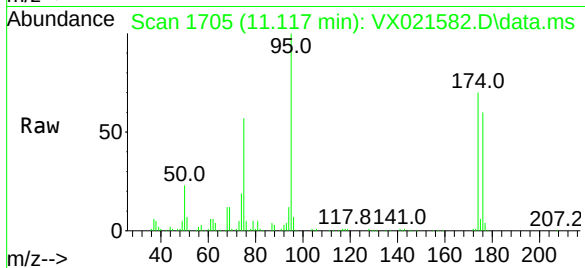




#81
trans-1,4-Dichloro-2-butene
Concen: 86.63 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

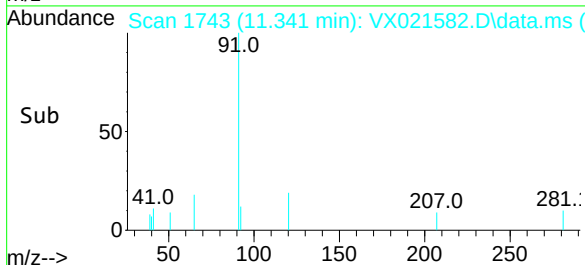
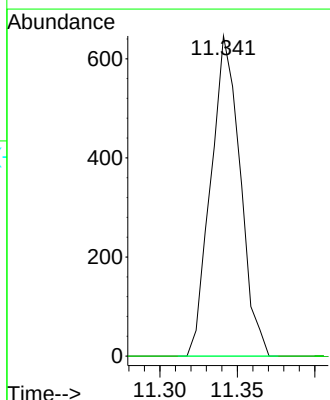
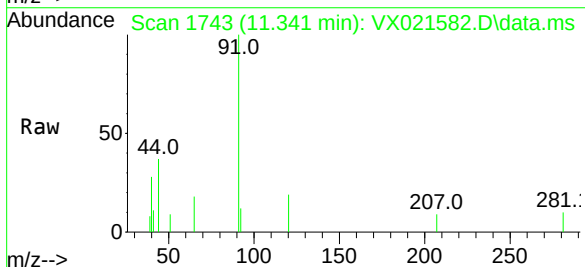
Instrument :
MSVOA_X
ClientSampled :

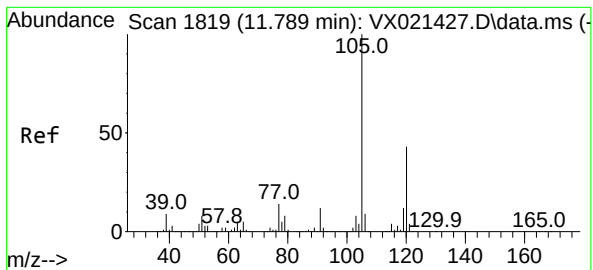
Tgt Ion: 75 Resp: 31922
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.30 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.153 min
Lab File: VX021582.D
Acq: 29 Mar 2021 17:13

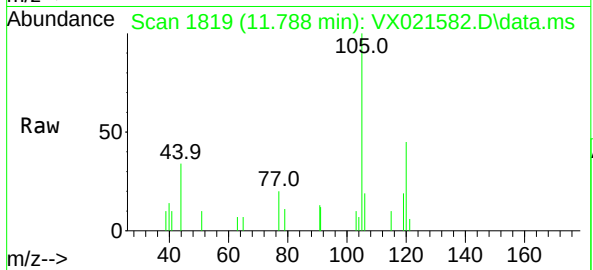
Tgt Ion: 91 Resp: 852
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.42 ug/l
 RT: 11.788 min Scan# 1819
 Delta R.T. -0.001 min
 Lab File: VX021582.D
 Acq: 29 Mar 2021 17:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 1227
 Ion Ratio Lower Upper
 105 100
 120 41.3 22.4 67.3

