

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022439.D
 Acq On : 05 Jun 2021 02:02
 Operator : JC/MD
 Sample : PB136806ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

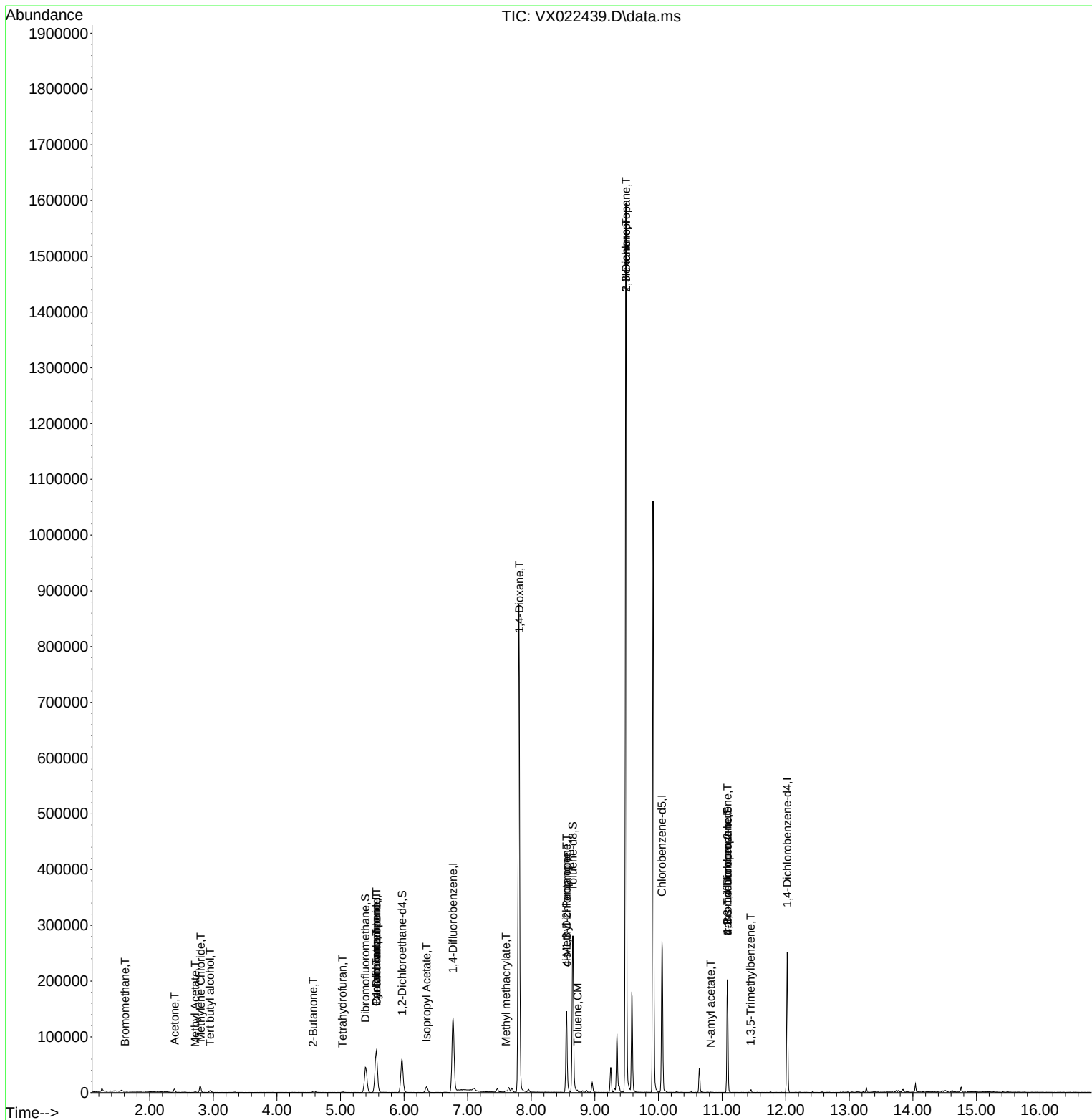
Quant Time: Jun 05 06:21:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

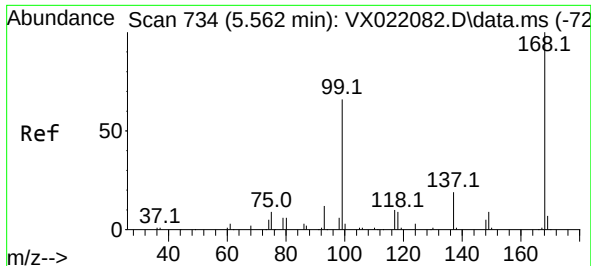
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	62193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	130563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	52685	54.916	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.840%			
35) Dibromofluoromethane	5.391	113	38334	46.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.600%			
50) Toluene-d8	8.653	98	161587	50.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.085	95	55316	46.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.840%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	158	0.314	ug/l #	60
11) Tert butyl alcohol	2.947	59	2128	9.698	ug/l #	73
16) Acetone	2.392	43	6495	15.548	ug/l	100
18) Methyl Acetate	2.715	43	1522	1.370	ug/l #	77
20) Methylene Chloride	2.800	84	4680	5.046	ug/l #	95
25) 2-Butanone	4.568	43	2325	3.440	ug/l #	86
29) Tetrahydrofuran	5.032	42	636	1.581	ug/l #	45
31) Cyclohexane	5.562	56	1662	1.379	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6159	5.101	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7297	6.179	ug/l #	16
43) Isopropyl Acetate	6.355	43	14582	6.024	ug/l #	92
48) Methyl methacrylate	7.604	41	3956	3.546	ug/l #	10
49) 1,4-Dioxane	7.812	88	69	3.177	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	50662	34.938	ug/l #	45
52) Toluene	8.726	92	738	0.314	ug/l	81
54) cis-1,3-Dichloropropene	8.555	75	23772	14.890	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	13676	8.388	ug/l #	42
59) 2-Hexanone	9.488	43	188901	173.208	ug/l #	44
74) N-amyl acetate	10.823	43	404	0.224	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	29798	26.950	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	2048	0.651	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	29798	63.855	ug/l #	12

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

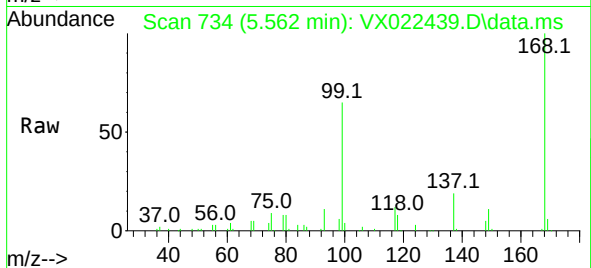
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



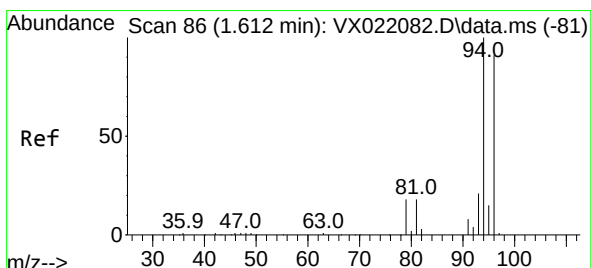
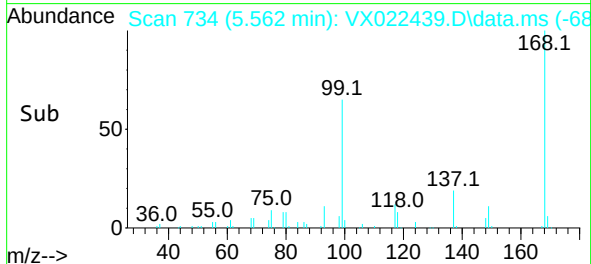
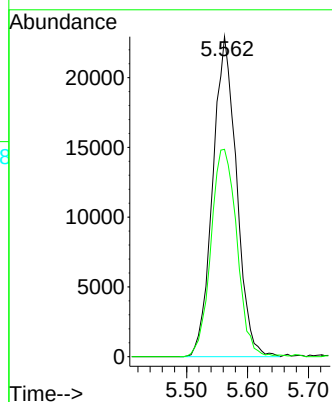


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Instrument :
MSVOA_X
ClientSampled :

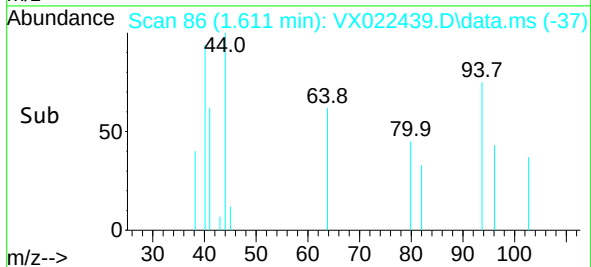
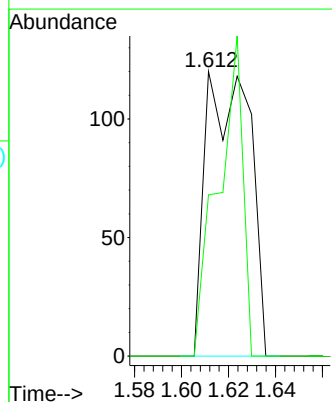
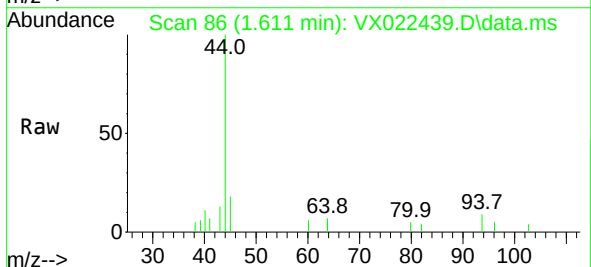


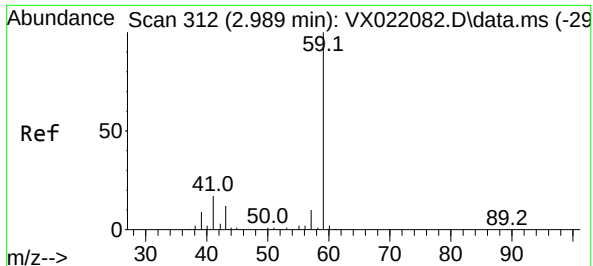
Tgt Ion:168 Resp: 62193
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6



#5
Bromomethane
Concen: 0.314 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 56.7 76.4 114.6#



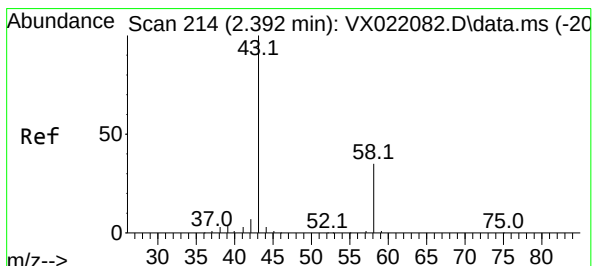
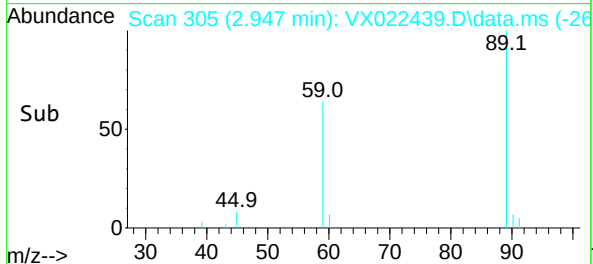
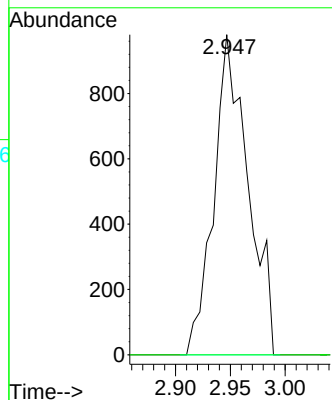
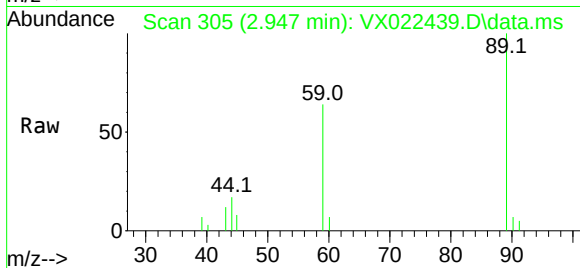


#11

Tert butyl alcohol
Concen: 9.698 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Instrument :
MSVOA_X
ClientSampled :

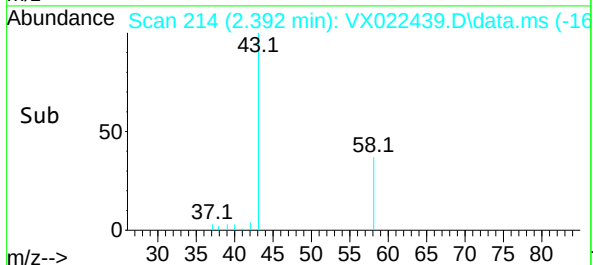
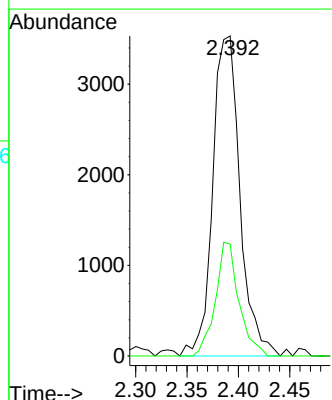
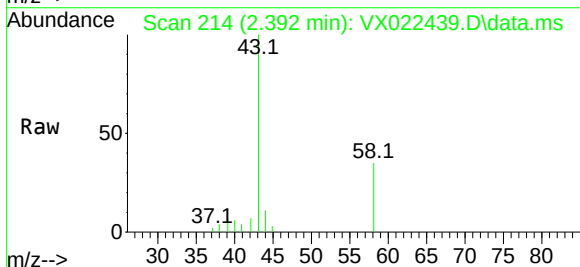
Tgt Ion: 59 Resp: 2128
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

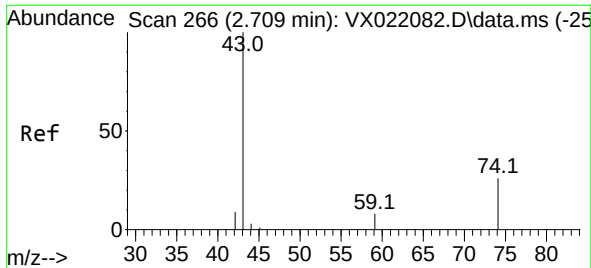


#16

Acetone
Concen: 15.548 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 43 Resp: 6495
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8

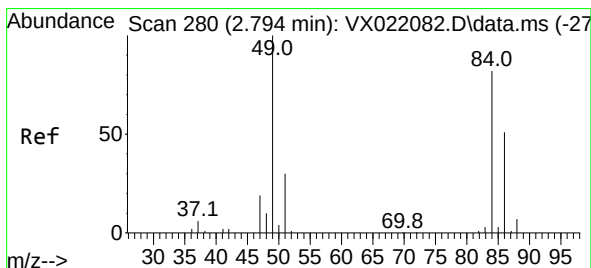
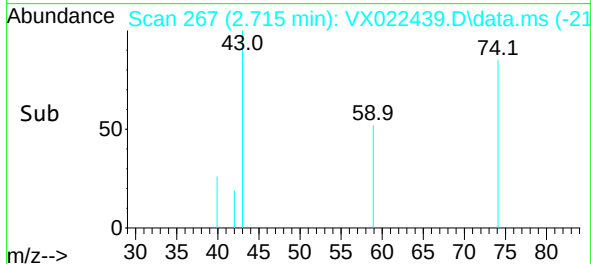
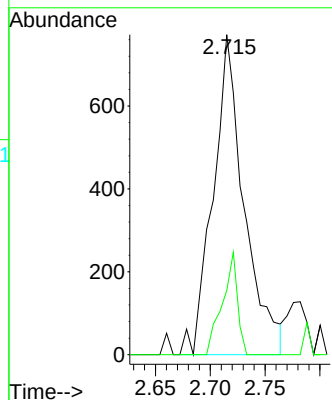
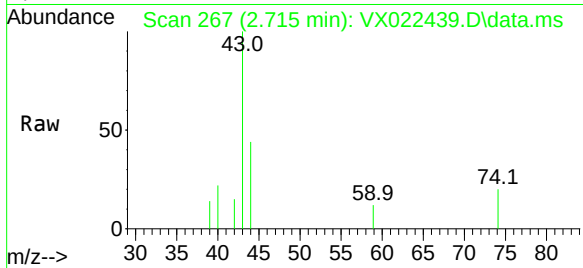




#18
Methyl Acetate
Concen: 1.370 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

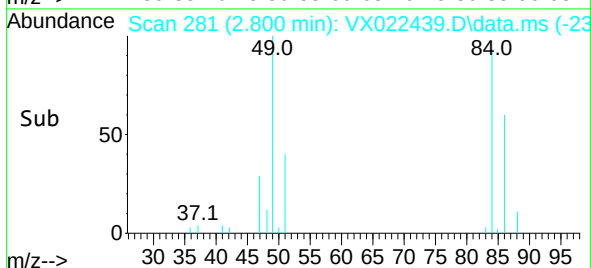
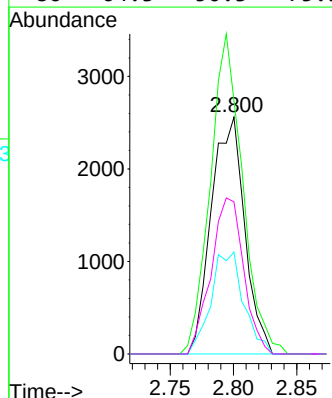
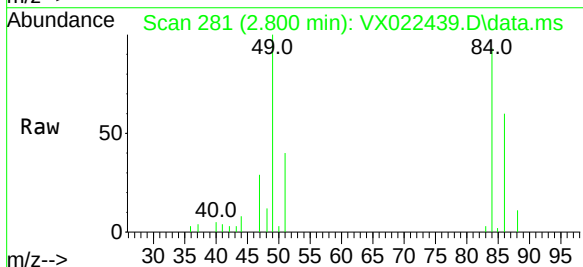
Instrument :
MSVOA_X
ClientSampled :

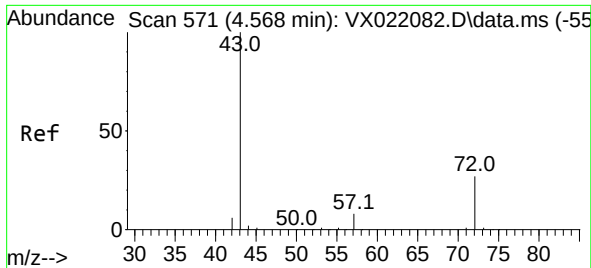
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
74 15.6 21.9 32.9#



#20
Methylene Chloride
Concen: 5.046 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 84 Resp: 4680
Ion Ratio Lower Upper
84 100
49 107.0 88.6 132.8
51 42.9 27.0 40.6#
86 64.3 50.3 75.5

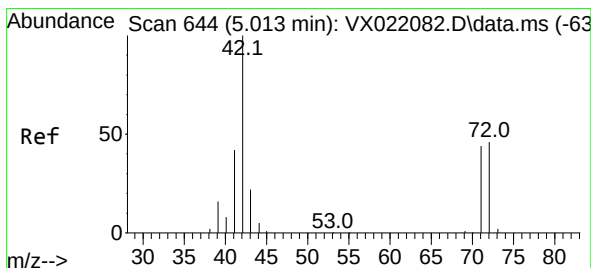
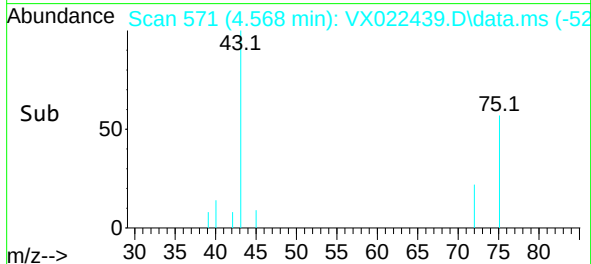
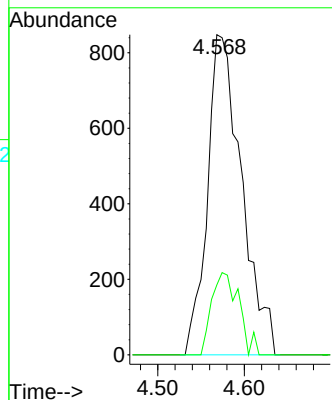
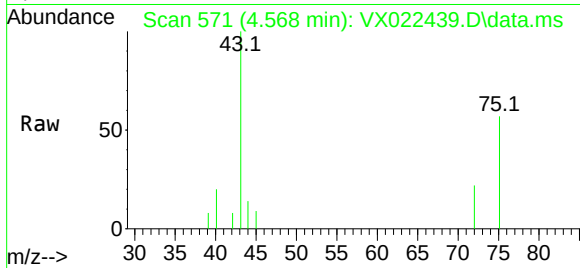




#25
2-Butanone
Concen: 3.440 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

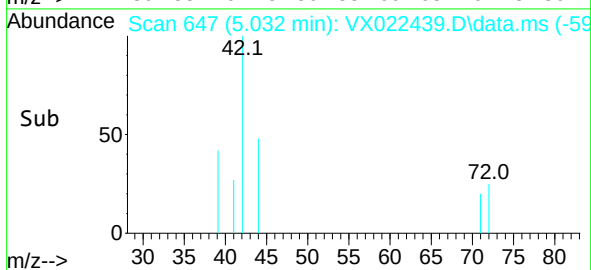
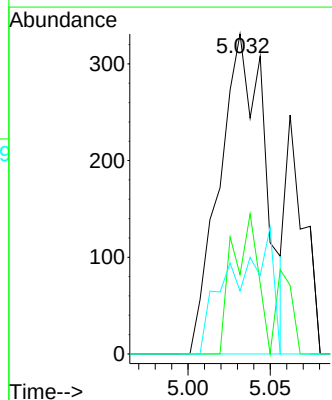
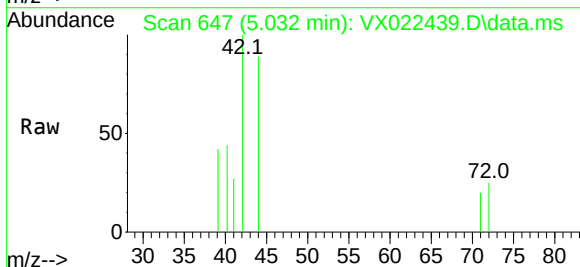
Instrument :
MSVOA_X
ClientSampled :

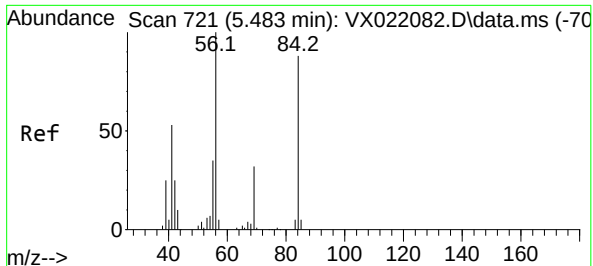
Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
72 21.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.581 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

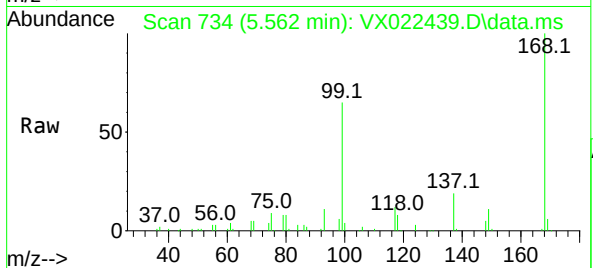
Tgt Ion: 42 Resp: 636
Ion Ratio Lower Upper
42 100
72 24.2 41.7 62.5#
71 0.0 38.4 57.6#



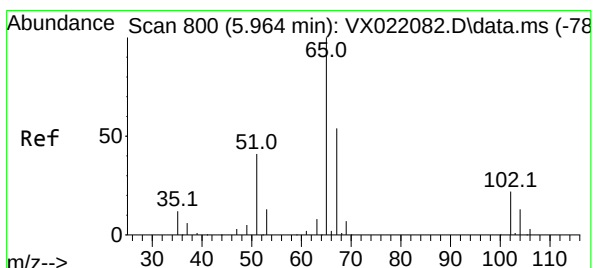
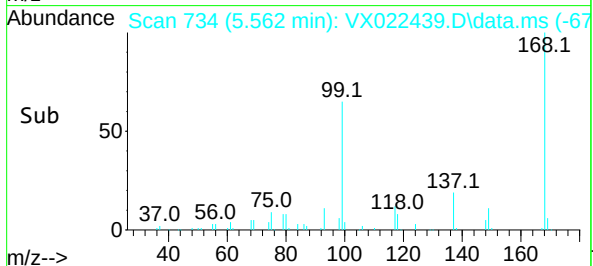
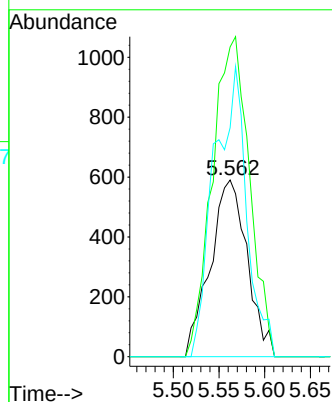


#31
Cyclohexane
Concen: 1.379 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Instrument :
MSVOA_X
ClientSampleId :

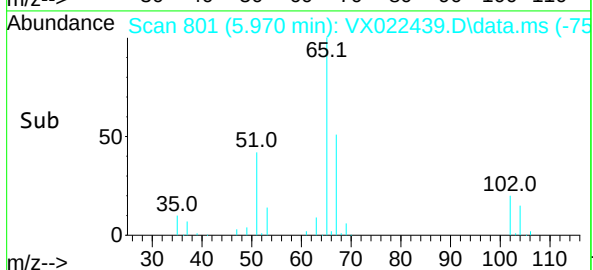
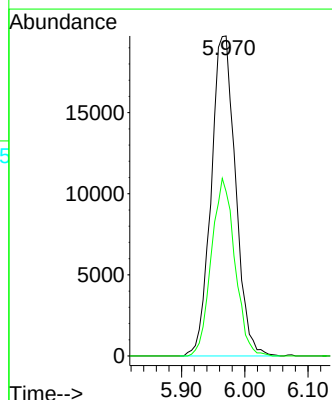
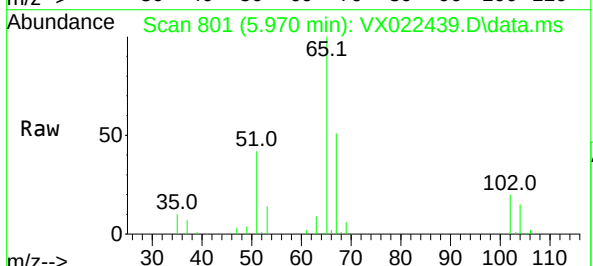


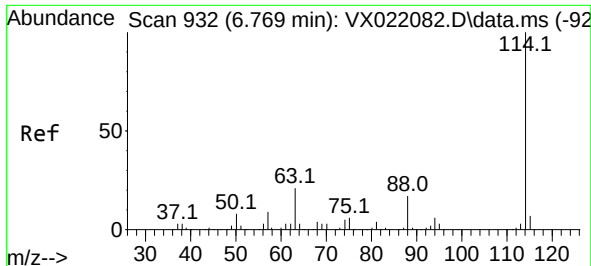
Tgt Ion: 56 Resp: 1662
Ion Ratio Lower Upper
56 100
69 175.4 25.3 37.9#
84 129.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.916 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 65 Resp: 52685
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

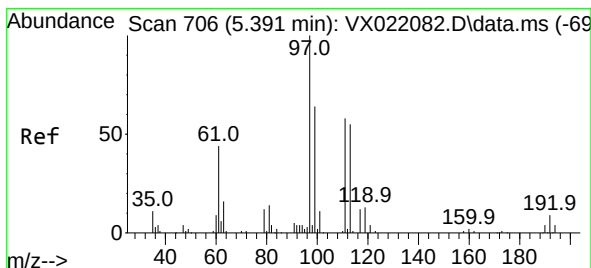
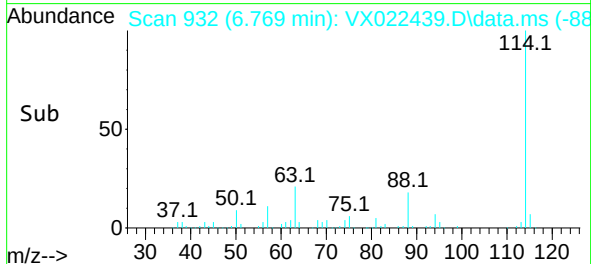
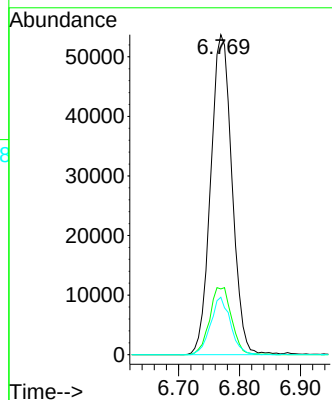
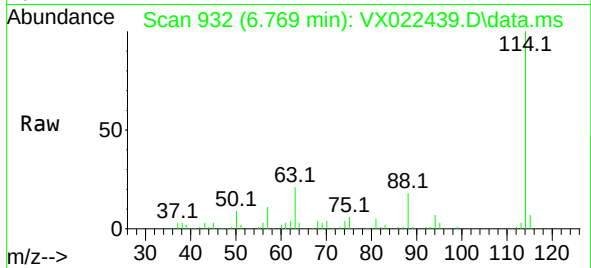




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

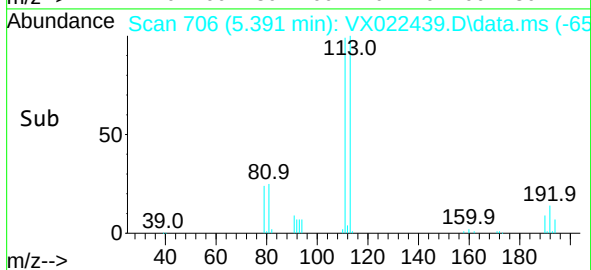
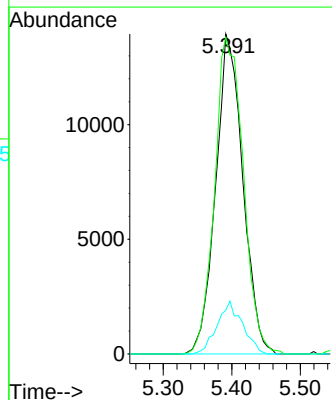
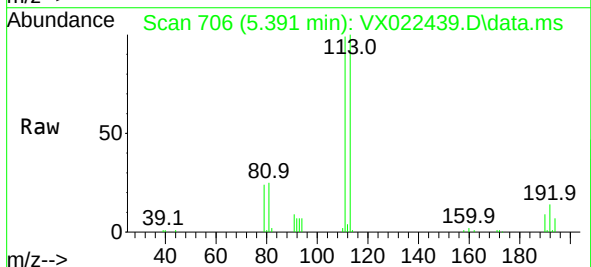
Instrument :
MSVOA_X
ClientSampleId :

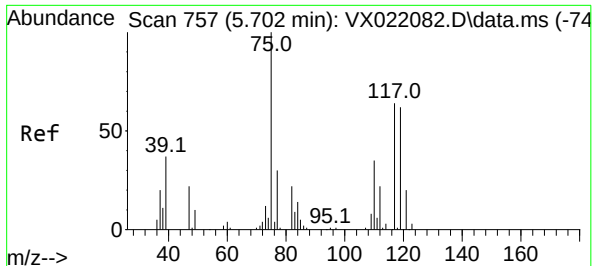
Tgt Ion:114 Resp: 130563
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 17.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.299 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion:113 Resp: 38334
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 15.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.101 ug/l

RT: 5.562 min Scan# 734

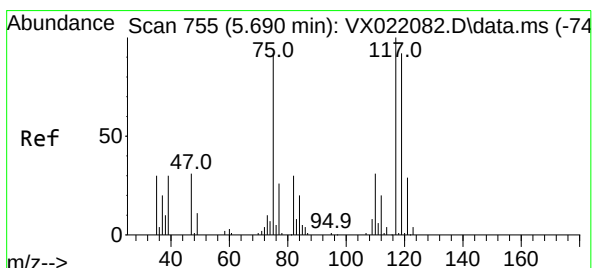
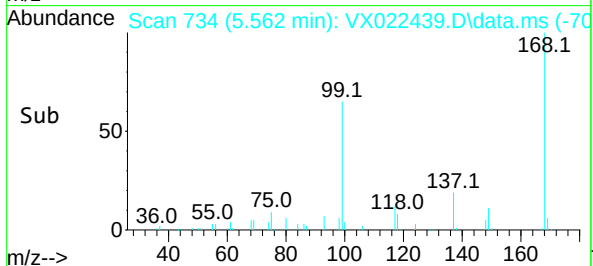
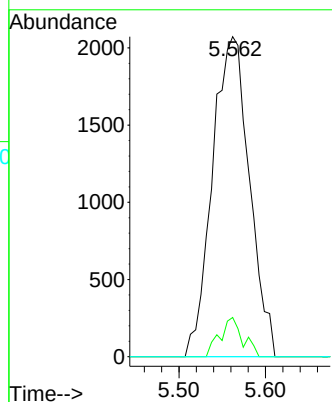
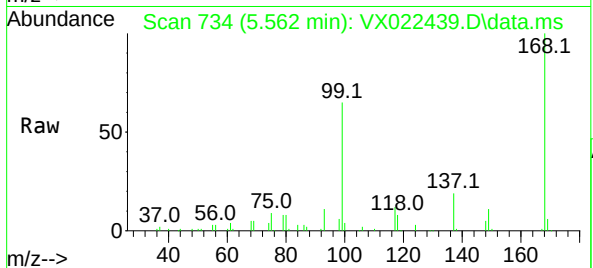
Delta R.T. -0.140 min

Lab File: VX022439.D

Acq: 05 Jun 2021 02:02

Tgt Ion: 75	Resp: 6159
Ion Ratio	Lower Upper
75 100	
110 7.5	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.179 ug/l

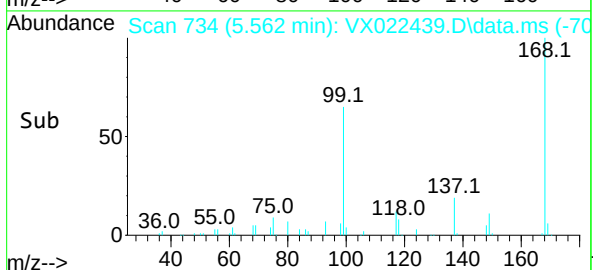
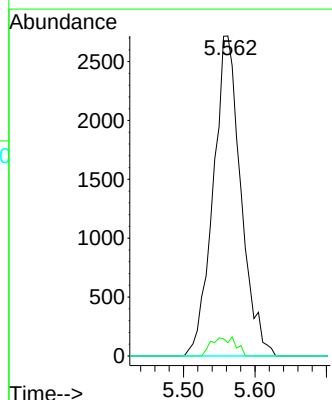
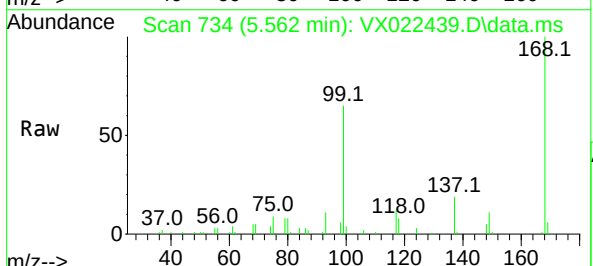
RT: 5.562 min Scan# 734

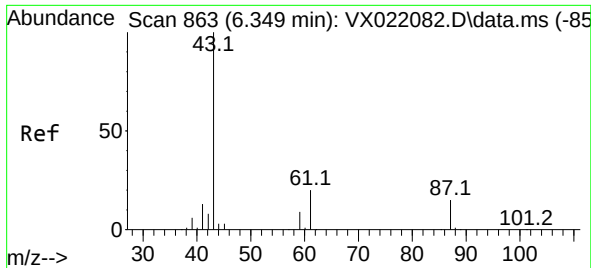
Delta R.T. -0.128 min

Lab File: VX022439.D

Acq: 05 Jun 2021 02:02

Tgt Ion: 117	Resp: 7297
Ion Ratio	Lower Upper
117 100	
119 4.2	76.2 114.2#
121 0.0	24.8 37.2#

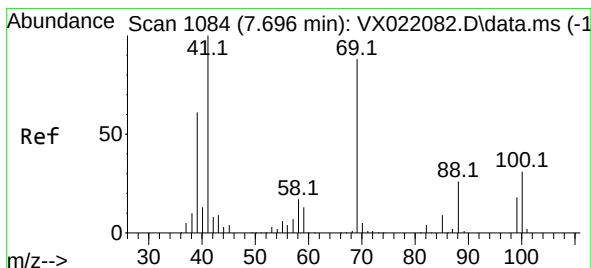
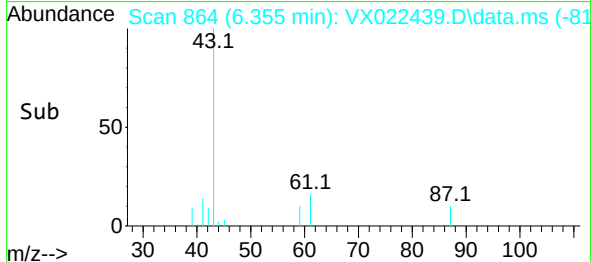
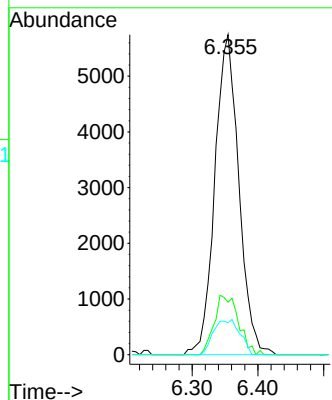
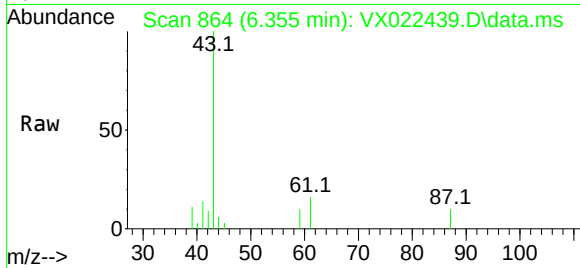




#43
Isopropyl Acetate
Concen: 6.024 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

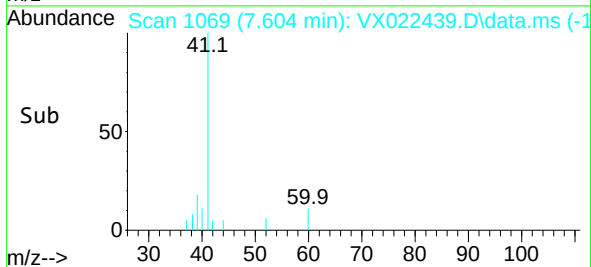
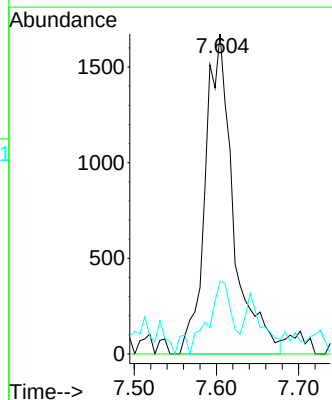
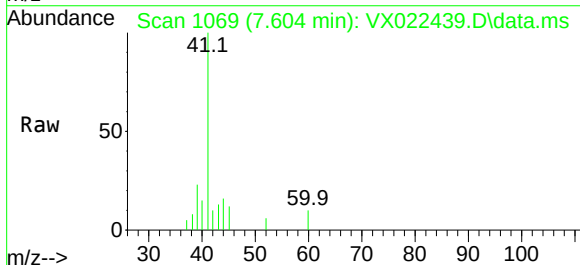
Instrument :
MSVOA_X
ClientSampled :

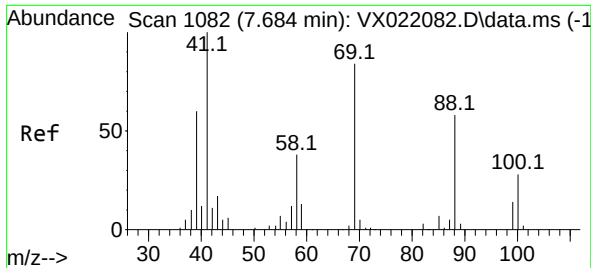
Tgt Ion:	43	Resp:	14582
Ion	Ratio	Lower	Upper
43	100		
61	18.9	18.2	27.4
87	12.1	12.5	18.7#



#48
Methyl methacrylate
Concen: 3.546 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion:	41	Resp:	3956
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#





#49

1,4-Dioxane

Concen: 3.177 ug/l

RT: 7.812 min Scan# 1103

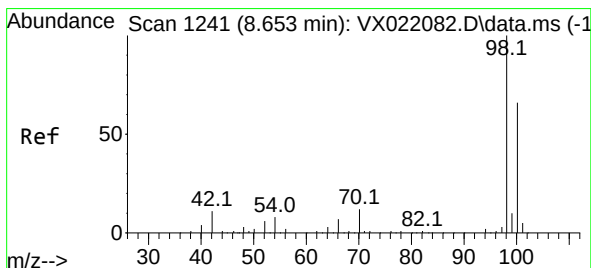
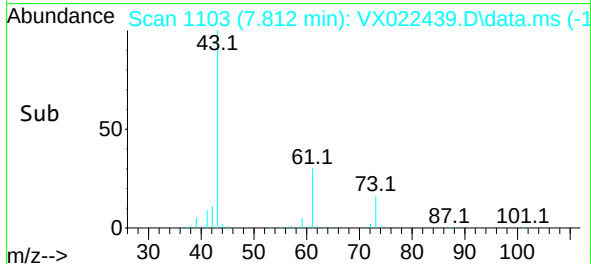
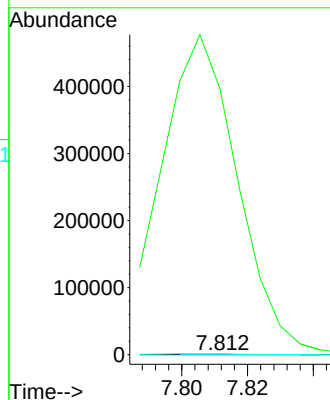
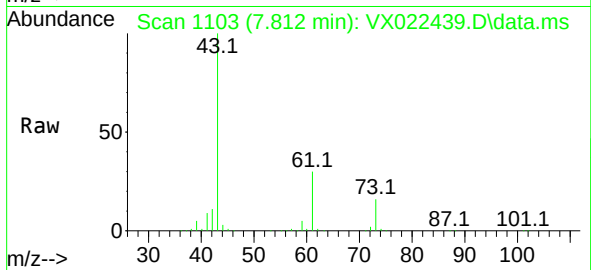
Delta R.T. 0.128 min

Lab File: VX022439.D

Acq: 05 Jun 2021 02:02

Tgt Ion: 88	Resp: 69
Ion Ratio	Lower Upper
88	100
43	115882.6 23.2 34.8#
58	4421.7 55.0 82.4#

Instrument :
MSVOA_X
ClientSampled :



#50

Toluene-d8

Concen: 50.663 ug/l

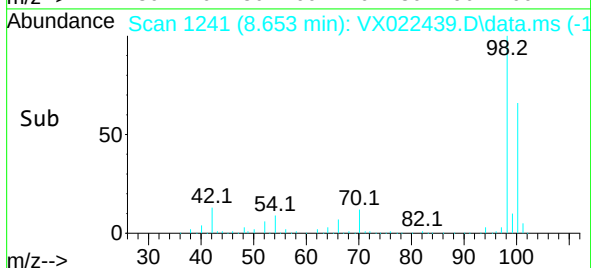
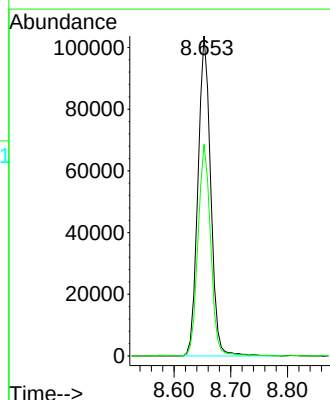
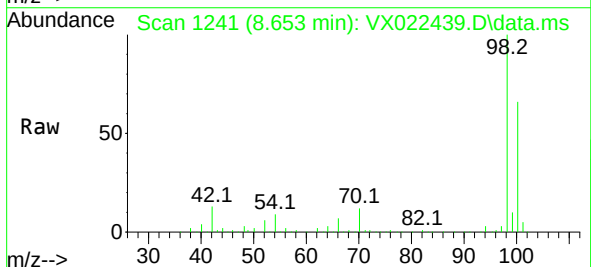
RT: 8.653 min Scan# 1241

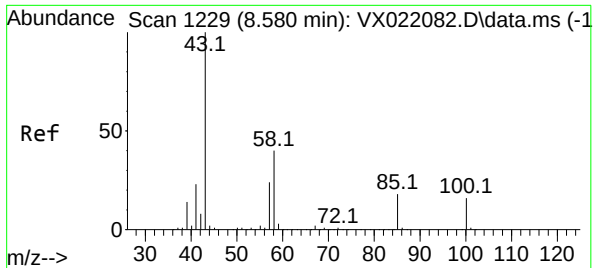
Delta R.T. -0.000 min

Lab File: VX022439.D

Acq: 05 Jun 2021 02:02

Tgt Ion: 98	Resp: 161587
Ion Ratio	Lower Upper
98	100
100	65.8 51.9 77.9

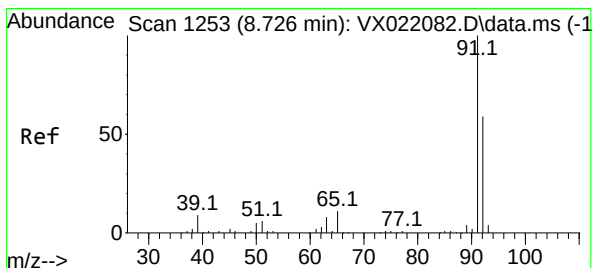
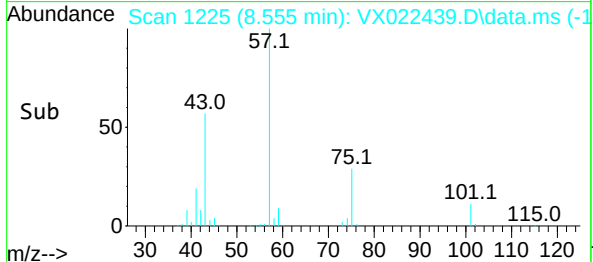
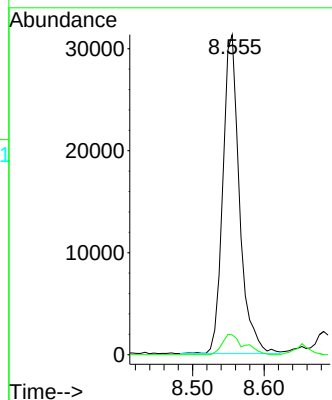
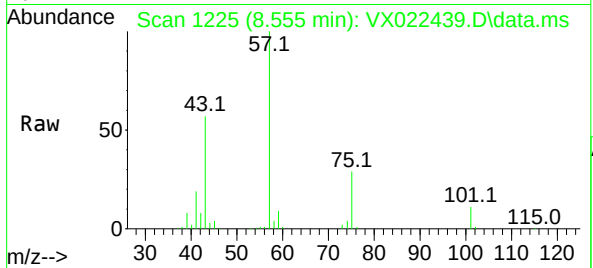




#51
4-Methyl-2-Pentanone
Concen: 34.938 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

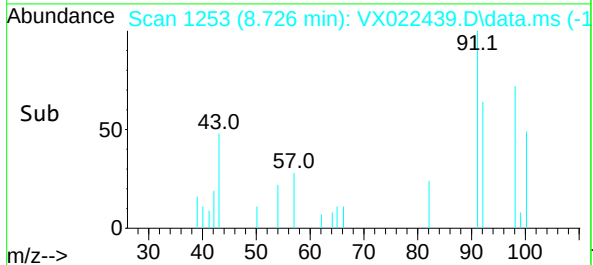
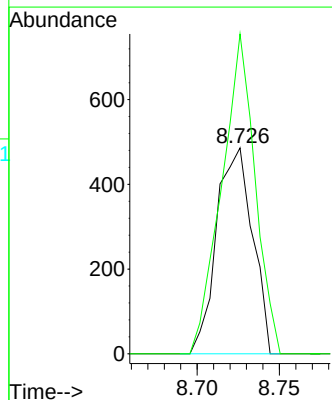
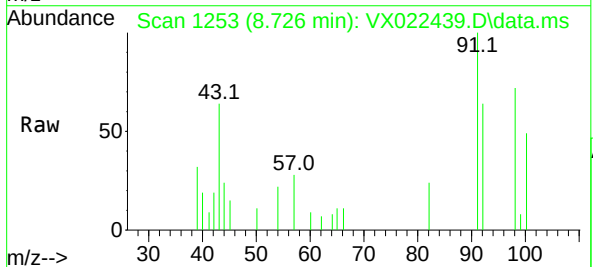
Instrument :
MSVOA_X
ClientSampled :

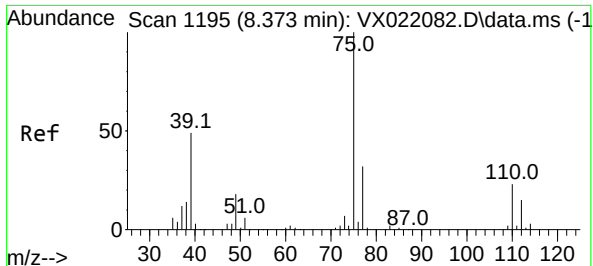
Tgt Ion: 43 Resp: 50662
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#52
Toluene
Concen: 0.314 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 92 Resp: 738
Ion Ratio Lower Upper
92 100
91 144.6 137.1 205.7

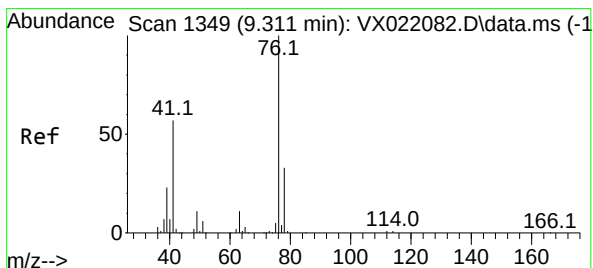
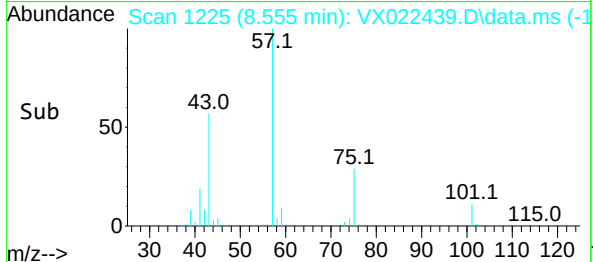
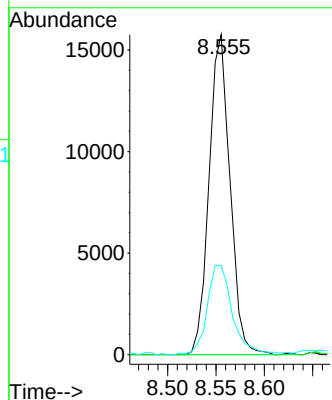
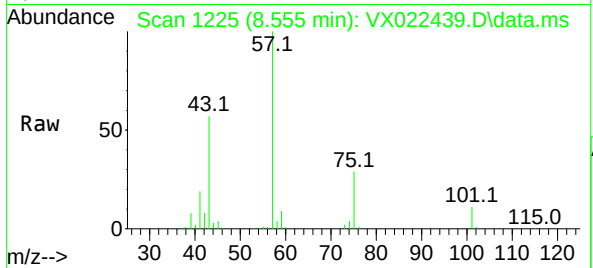




#54
cis-1,3-Dichloropropene
Concen: 14.890 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

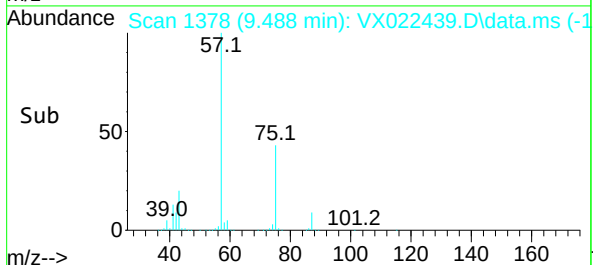
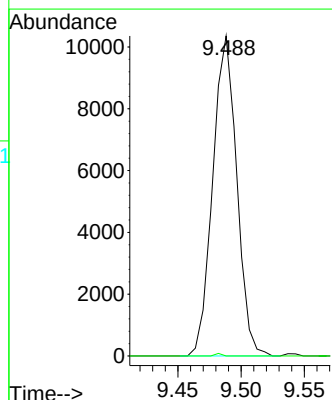
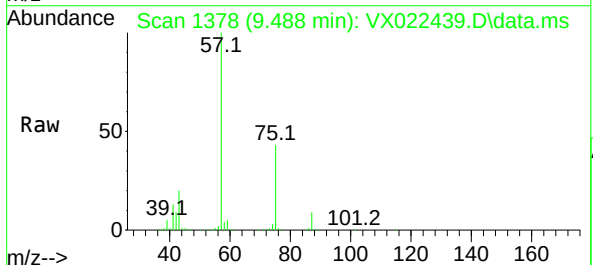
Instrument :
MSVOA_X
ClientSampled :

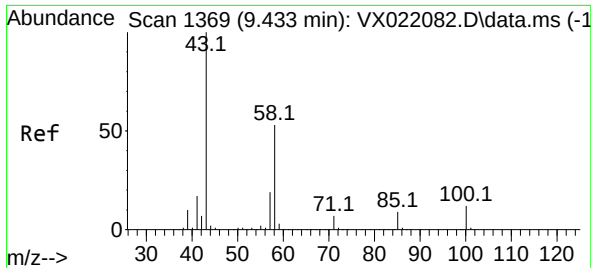
Tgt Ion: 75 Resp: 23772
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 27.4 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 8.388 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 76 Resp: 13676
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#

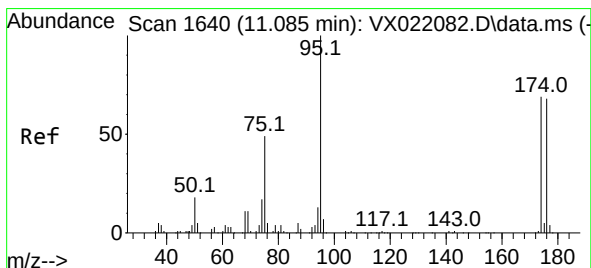
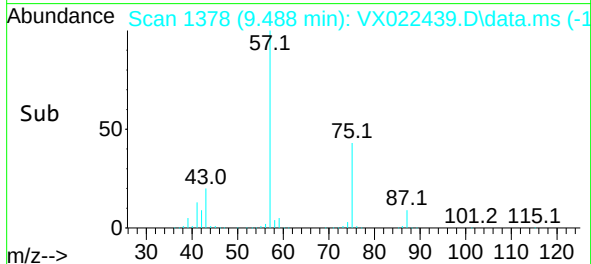
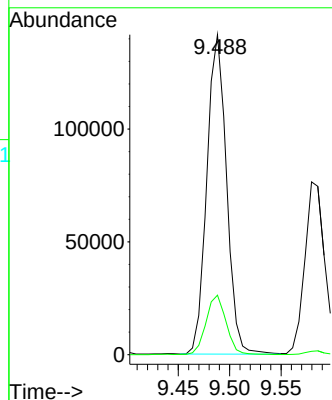
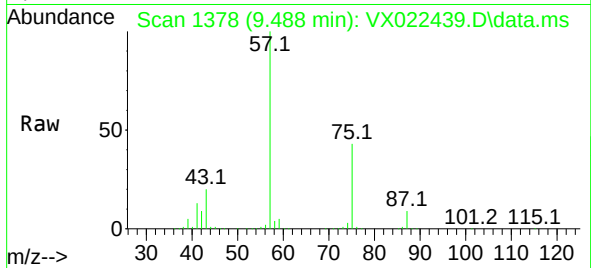




#59
2-Hexanone
Concen: 173.208 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

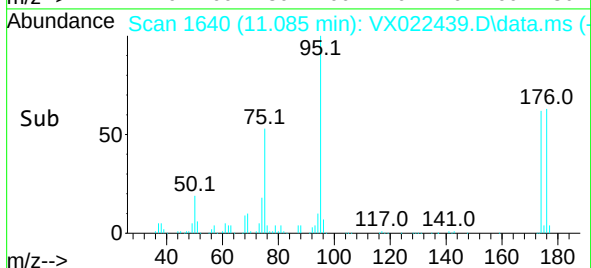
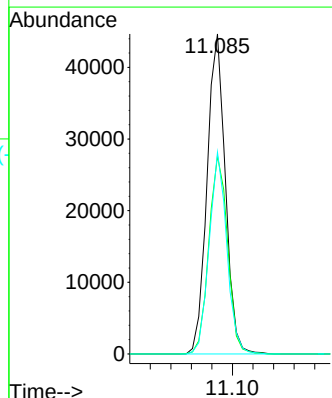
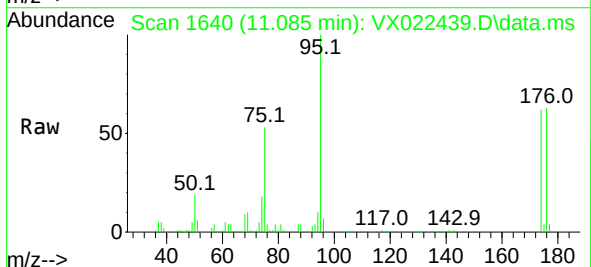
Instrument :
MSVOA_X
ClientSampled :

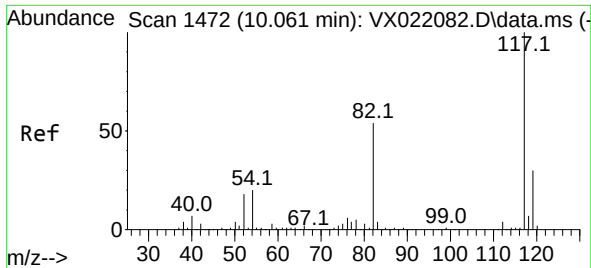
Tgt Ion: 43 Resp: 188901
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.923 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 95 Resp: 55316
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 60.6 0.0 155.8

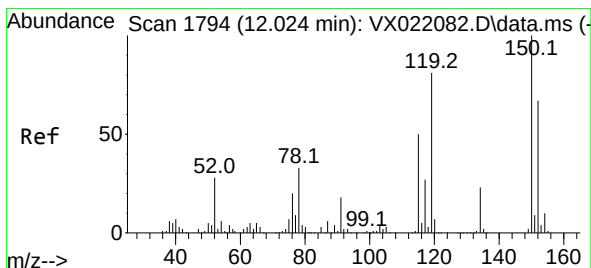
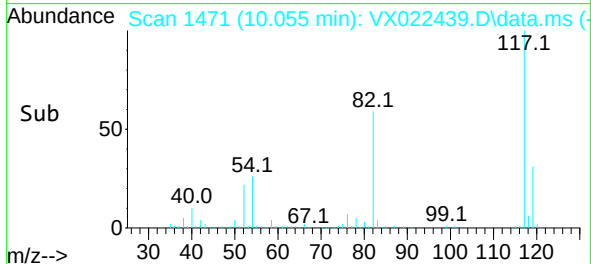
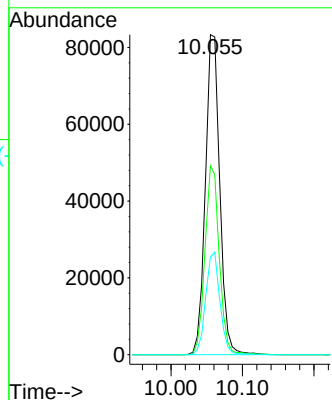
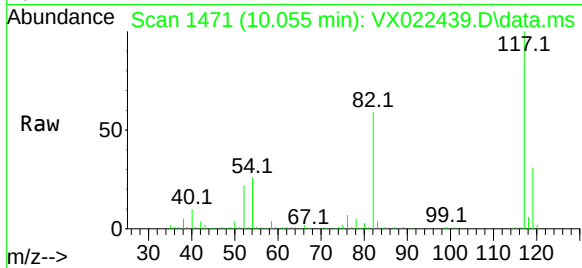




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

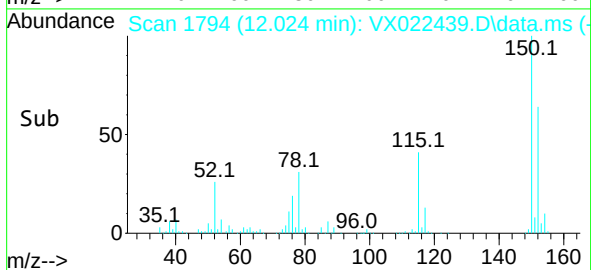
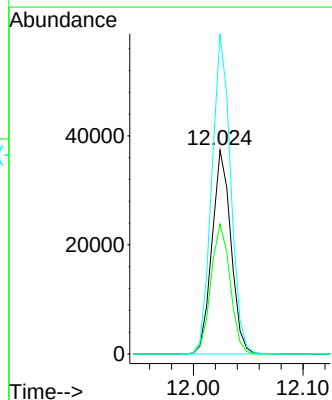
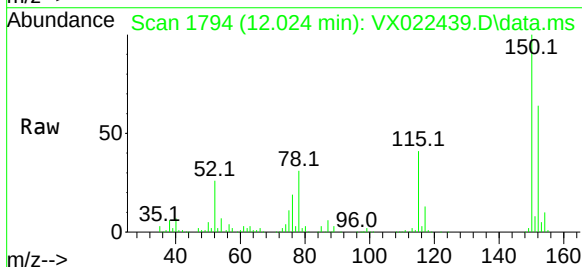
Instrument :
MSVOA_X
ClientSampleId :

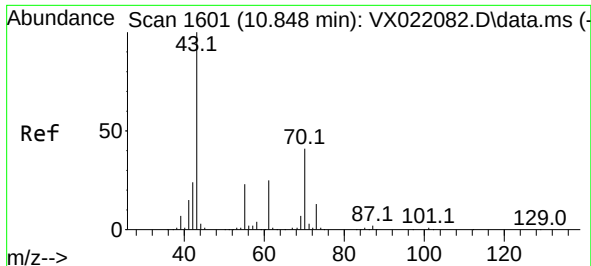
Tgt Ion:117 Resp: 116731
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 30.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

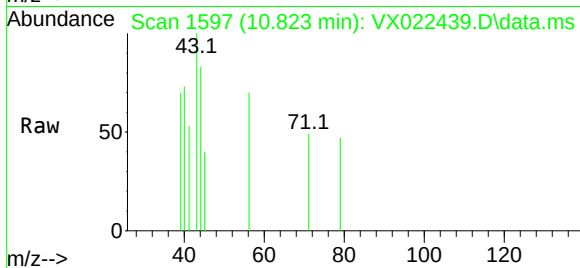
Tgt Ion:152 Resp: 44818
Ion Ratio Lower Upper
152 100
115 64.6 41.1 123.3
150 156.1 0.0 349.0



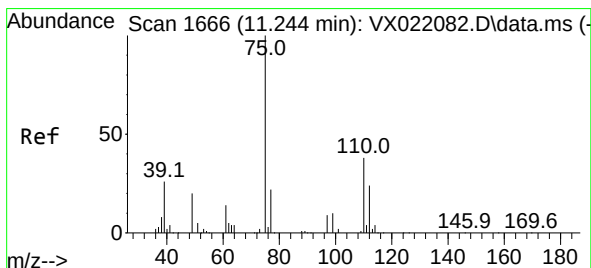
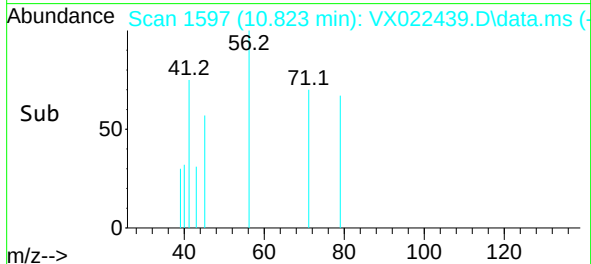
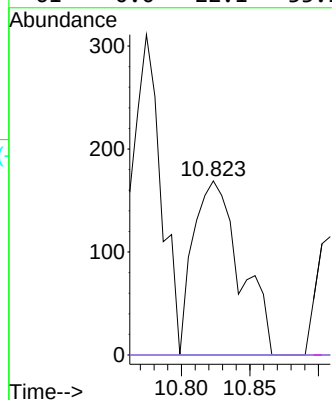


#74
N-amy1 acetate
Concen: 0.224 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.025 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Instrument :
MSVOA_X
ClientSampled :

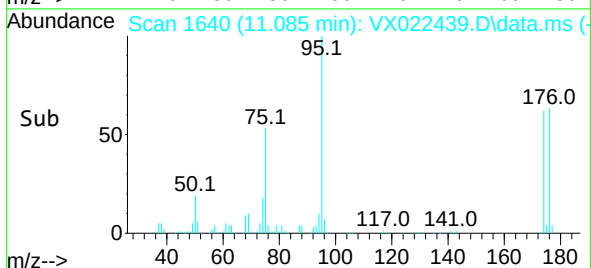
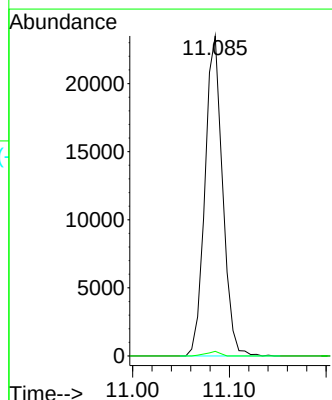
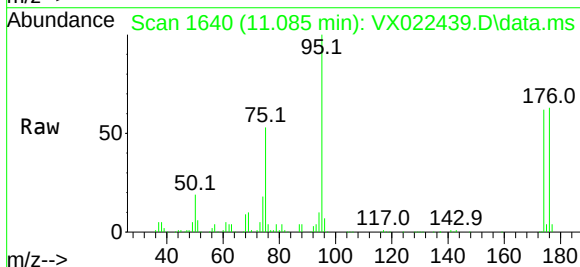


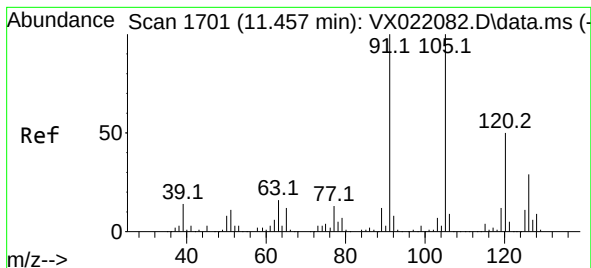
Tgt Ion: 43	Resp: 404
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.950 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 75	Resp: 29798
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#

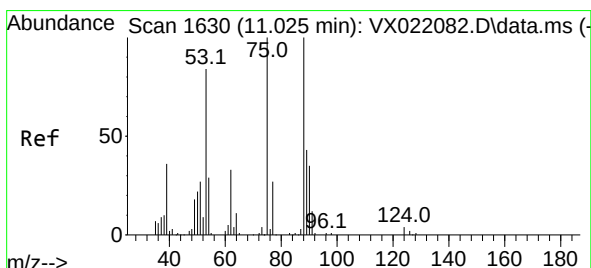
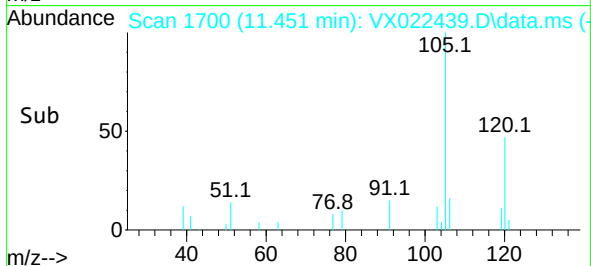
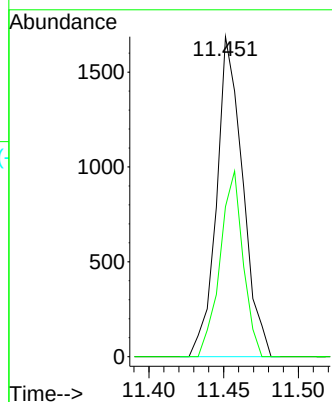
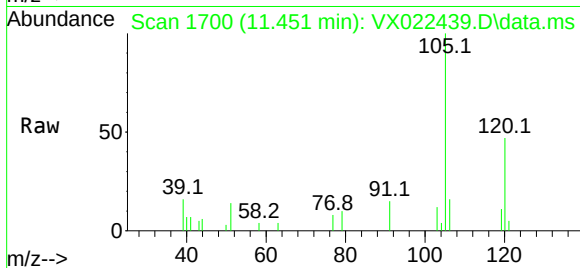




#80
1,3,5-Trimethylbenzene
Concen: 0.651 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2048
Ion Ratio Lower Upper
105 100
120 51.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.855 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022439.D
Acq: 05 Jun 2021 02:02

Tgt Ion: 75 Resp: 29798
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

