

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022443.D
 Acq On : 05 Jun 2021 03:36
 Operator : JC/MD
 Sample : PB136806ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:22:51 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)

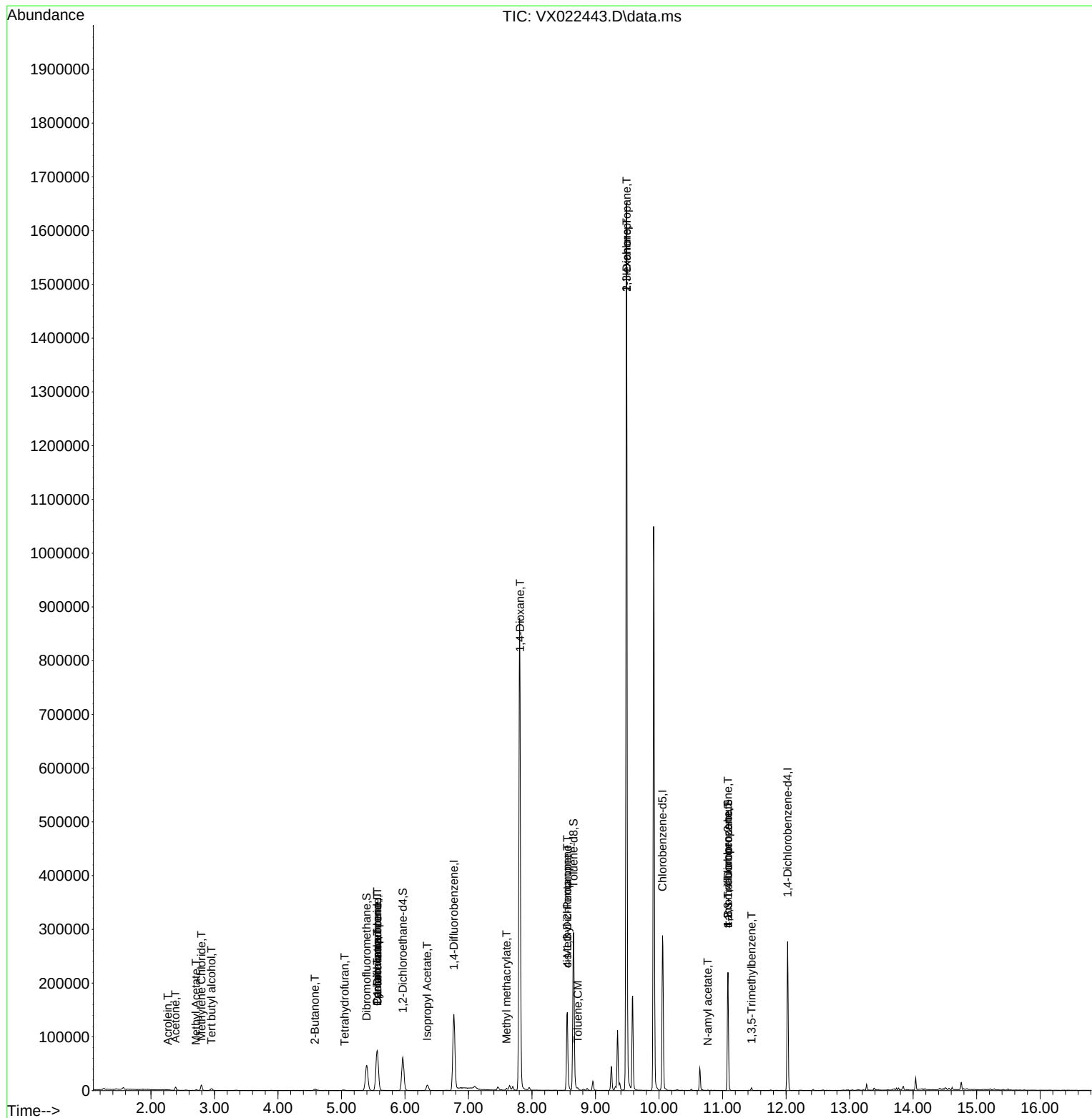
Internal Standards						
1) Pentafluorobenzene	5.562	168	64073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54844	55.489	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.980%
35) Dibromofluoromethane	5.397	113	40577	47.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.653	98	171424	51.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.920%
62) 4-Bromofluorobenzene	11.085	95	59612	48.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2317	10.249	ug/l #	73
13) Acrolein	2.264	56	31	0.207	ug/l #	1
16) Acetone	2.386	43	6602	15.340	ug/l	91
18) Methyl Acetate	2.709	43	1955	1.708	ug/l #	80
20) Methylene Chloride	2.794	84	4049	4.237	ug/l	94
25) 2-Butanone	4.580	43	2336	3.355	ug/l	90
29) Tetrahydrofuran	5.050	42	914	2.206	ug/l #	31
31) Cyclohexane	5.562	56	1820	1.465	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	6432	5.151	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7128	5.835	ug/l #	19
43) Isopropyl Acetate	6.348	43	14074	5.621	ug/l #	94
48) Methyl methacrylate	7.598	41	4232	3.668	ug/l #	10
49) 1,4-Dioxane	7.811	88	72	3.205	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	51848	34.570	ug/l #	44
52) Toluene	8.720	92	670	0.275	ug/l	93
54) cis-1,3-Dichloropropene	8.555	75	24591	14.892	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	13824	8.197	ug/l #	42
59) 2-Hexanone	9.488	43	189687	168.159	ug/l #	44
74) N-amyl acetate	10.768	43	694	0.349	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31414	25.713	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2221	0.639	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	31414	60.924	ug/l #	12

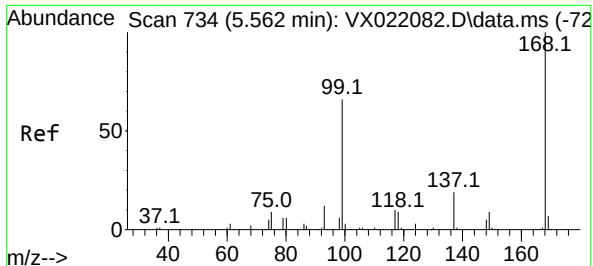
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

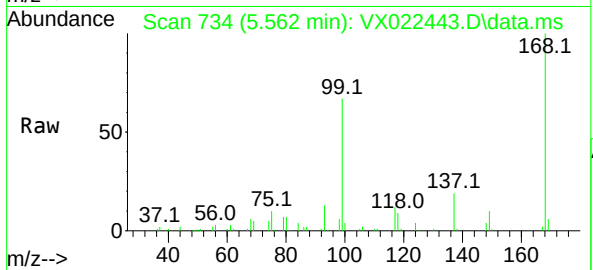
Quant Time: Jun 05 06:22:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



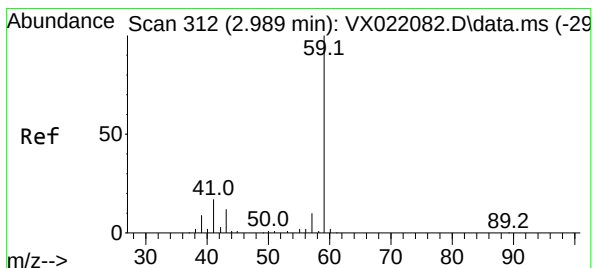
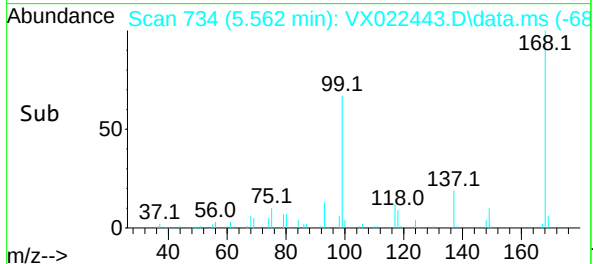
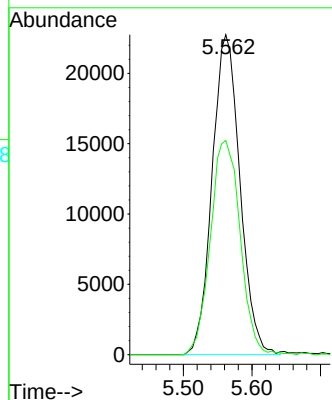


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Instrument :
MSVOA_X
ClientSampleId :

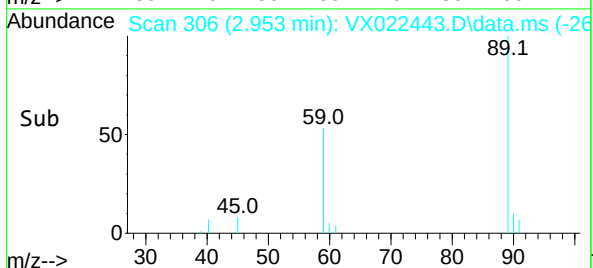
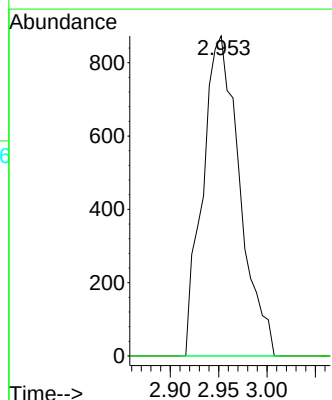
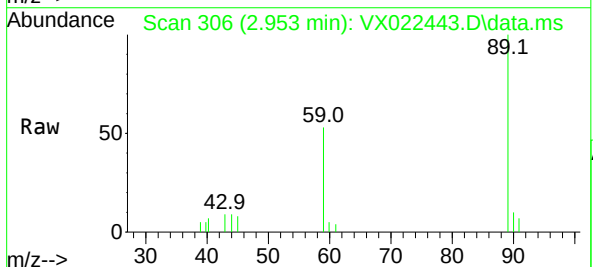


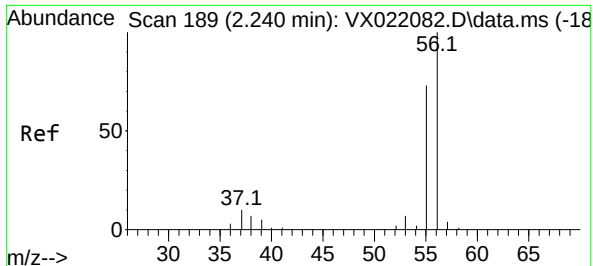
Tgt Ion:168 Resp: 64073
Ion Ratio Lower Upper
168 100
99 67.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 10.249 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 59 Resp: 2317
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

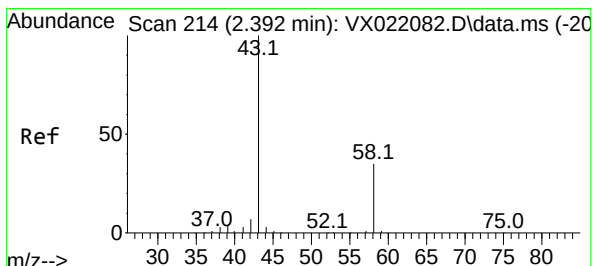
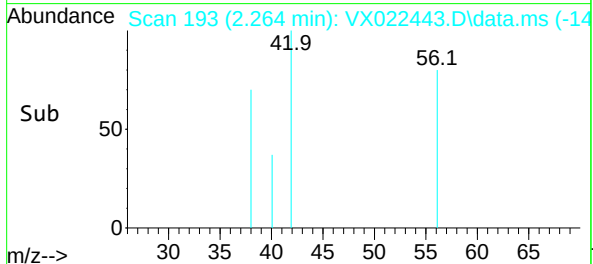
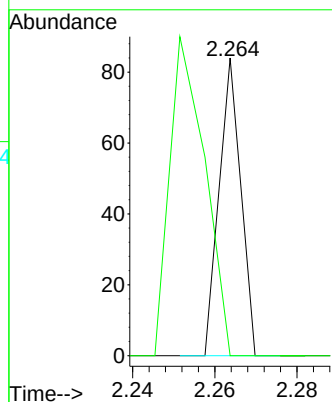
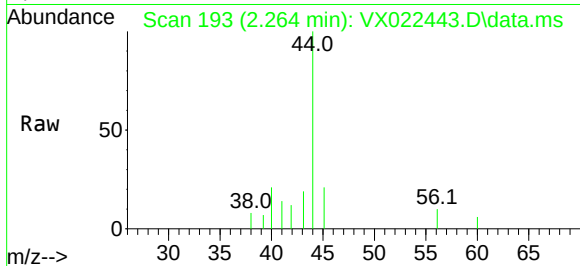




#13
Acrolein
Concen: 0.207 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.024 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

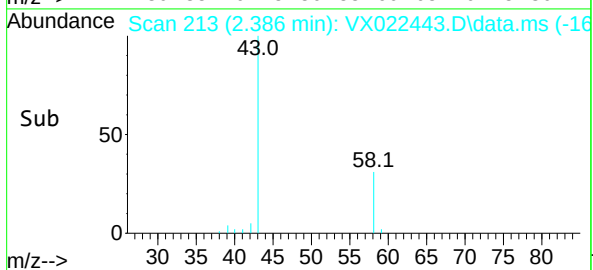
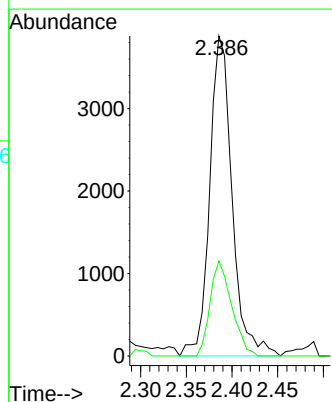
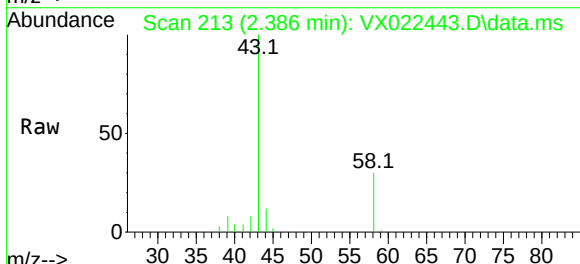
Instrument :
MSVOA_X
ClientSampled :

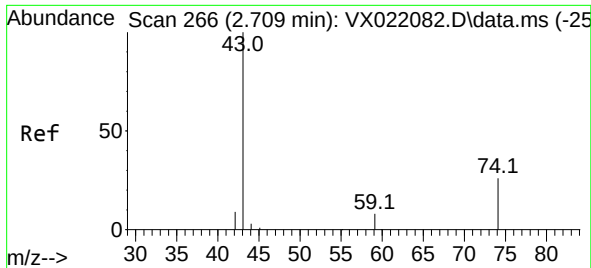
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 171.0 56.4 84.6#



#16
Acetone
Concen: 15.340 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 43 Resp: 6602
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8

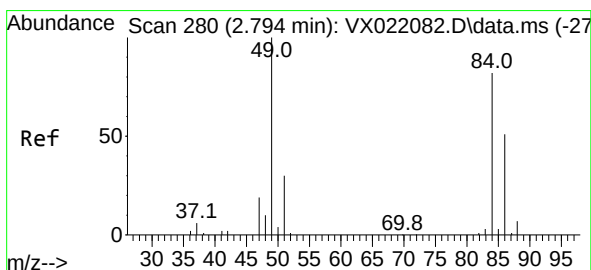
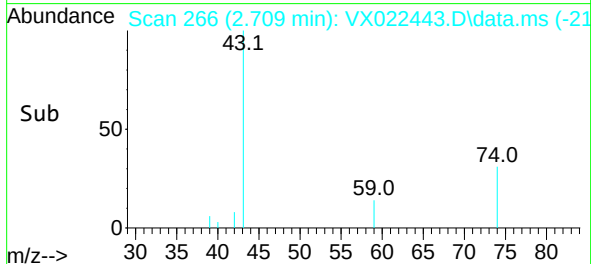
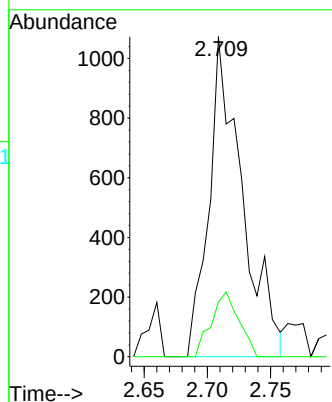
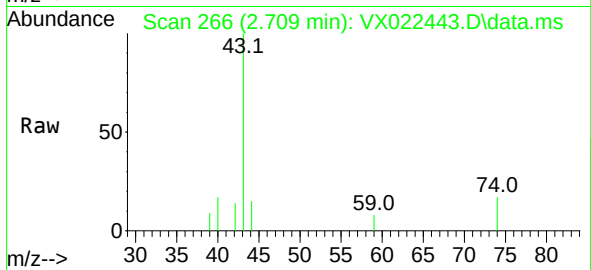




#18
Methyl Acetate
Concen: 1.708 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

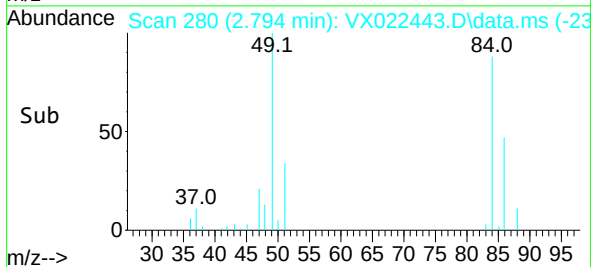
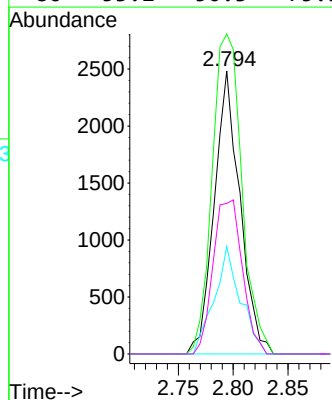
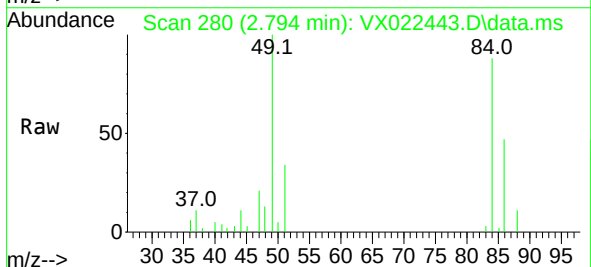
Instrument :
MSVOA_X
ClientSampleId :

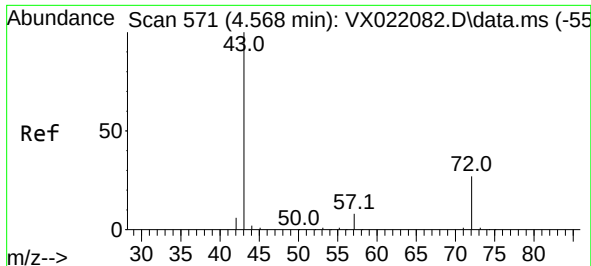
Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
74 16.8 21.9 32.9#



#20
Methylene Chloride
Concen: 4.237 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 84 Resp: 4049
Ion Ratio Lower Upper
84 100
49 113.0 88.6 132.8
51 37.9 27.0 40.6
86 53.2 50.3 75.5

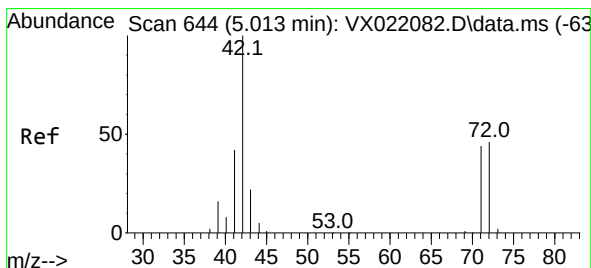
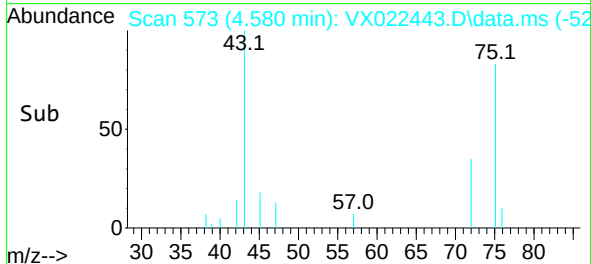
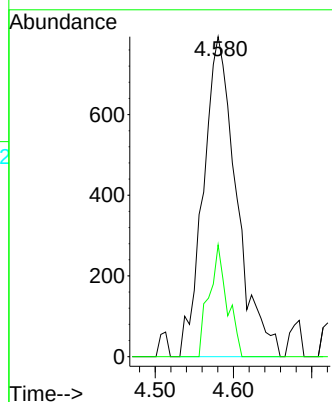
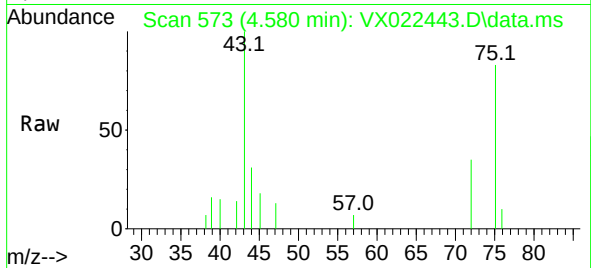




#25
2-Butanone
Concen: 3.355 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

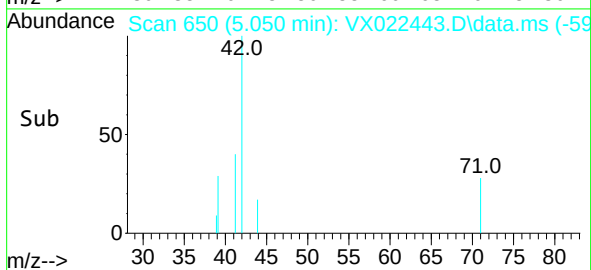
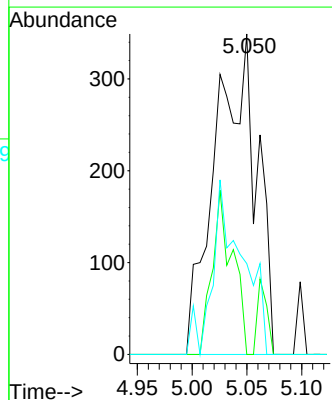
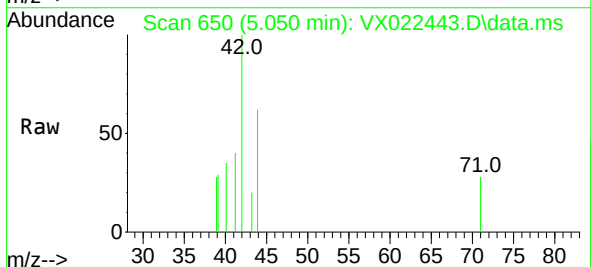
Instrument :
MSVOA_X
ClientSampled :

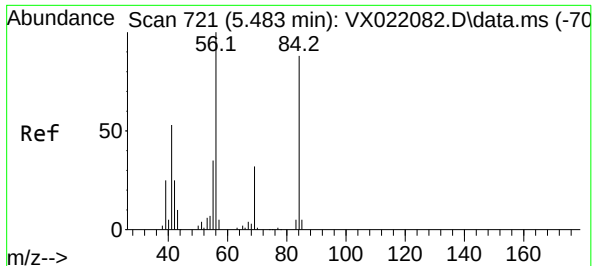
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
72 34.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 2.206 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

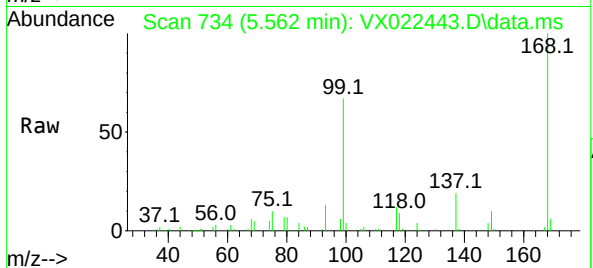
Tgt Ion: 42 Resp: 914
Ion Ratio Lower Upper
42 100
72 5.4 41.7 62.5#
71 0.0 38.4 57.6#



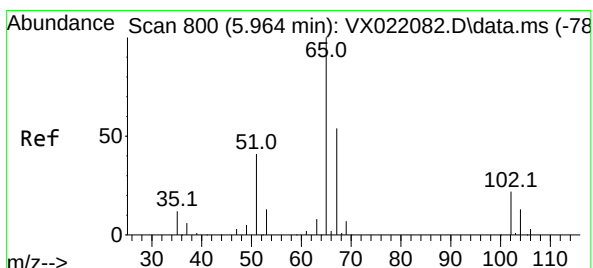
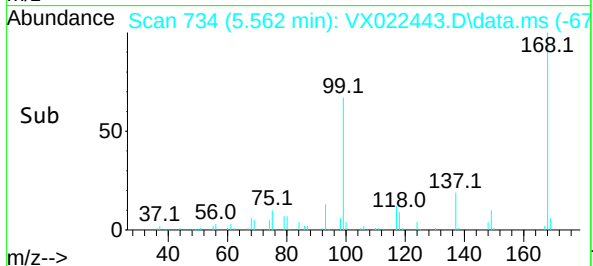
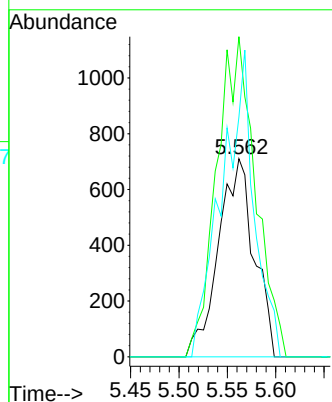


#31
Cyclohexane
Concen: 1.465 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Instrument :
MSVOA_X
ClientSampleId :

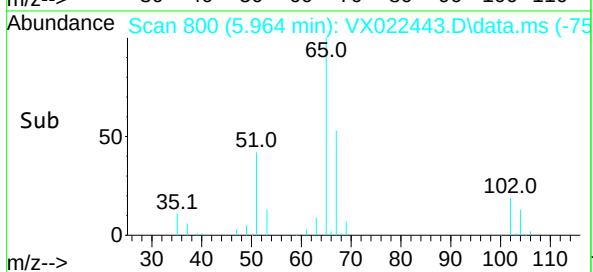
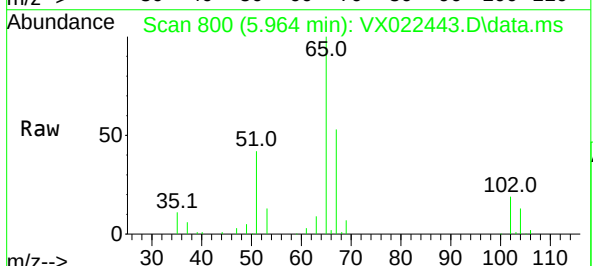
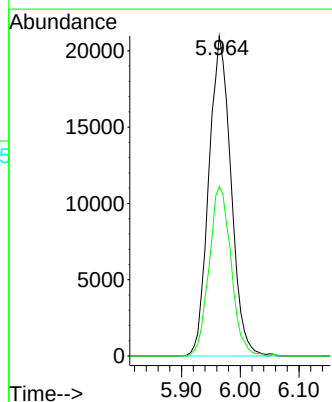


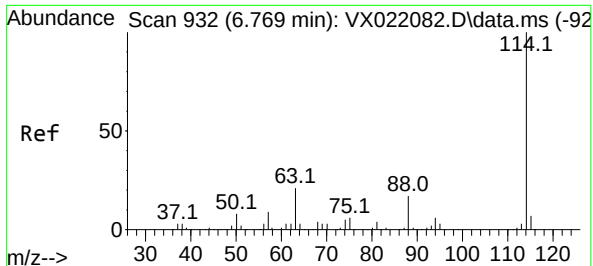
Tgt Ion: 56 Resp: 1820
Ion Ratio Lower Upper
56 100
69 161.7 25.3 37.9#
84 121.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.489 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 65 Resp: 54844
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

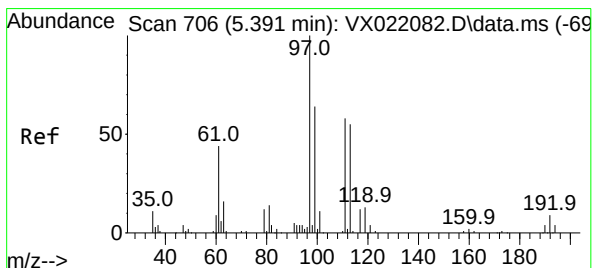
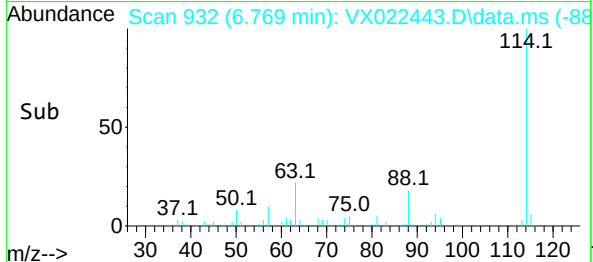
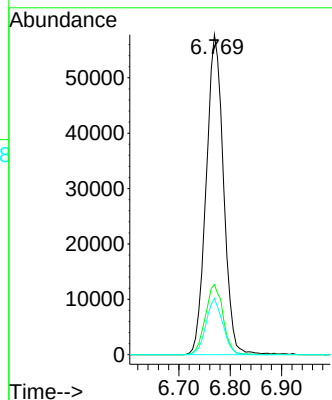
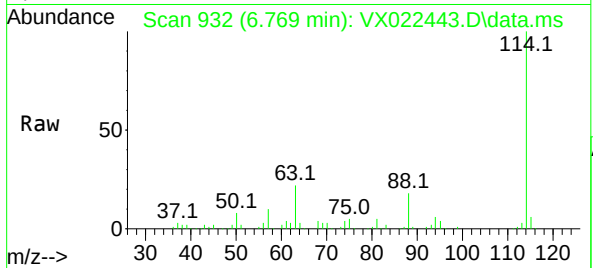




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

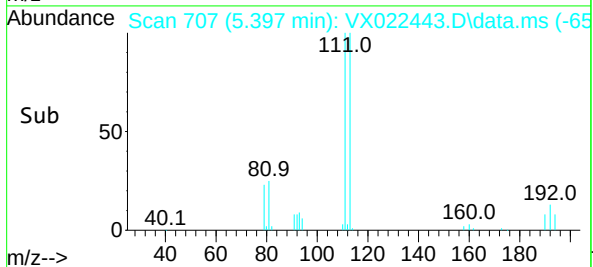
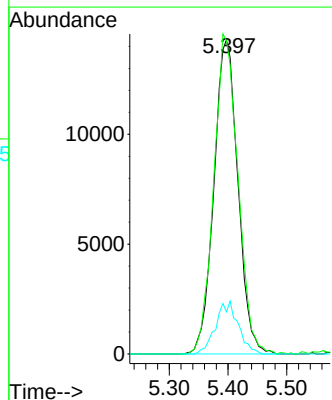
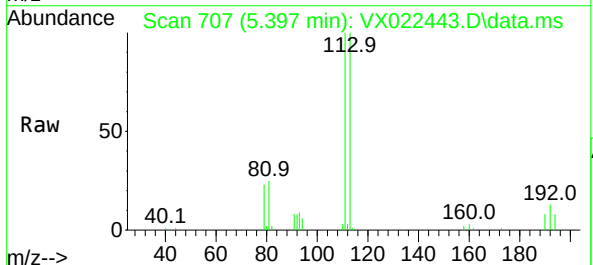
Instrument :
MSVOA_X
ClientSampled :

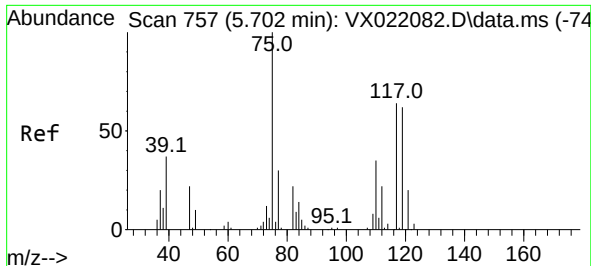
Tgt Ion:114 Resp: 135043
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.382 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion:113 Resp: 40577
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 15.7 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.151 ug/l

RT: 5.562 min Scan# 734

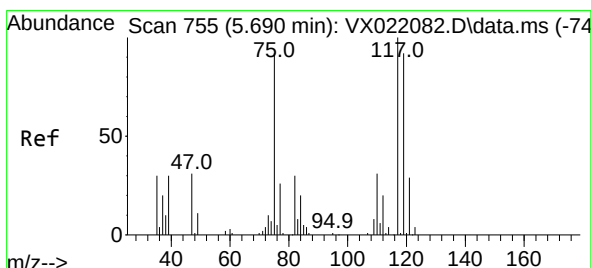
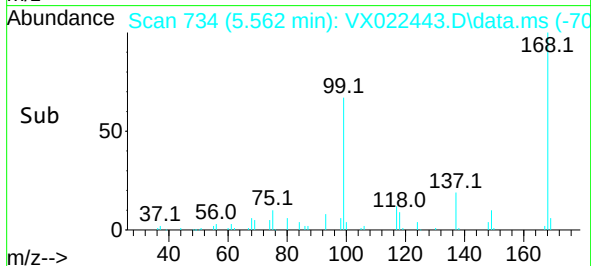
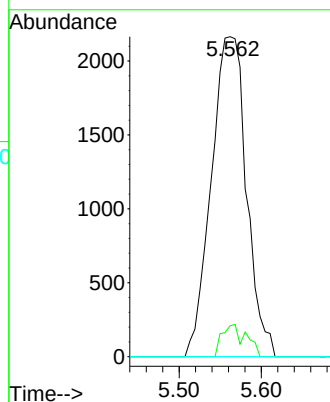
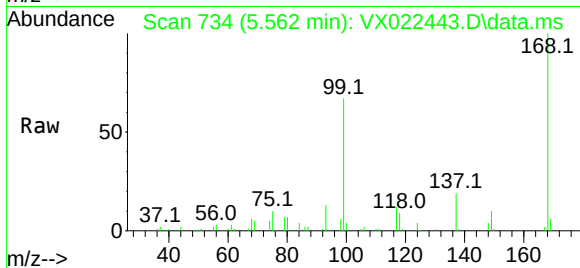
Delta R.T. -0.140 min

Lab File: VX022443.D

Acq: 05 Jun 2021 03:36

Tgt Ion:	75	Resp:	6432
Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.835 ug/l

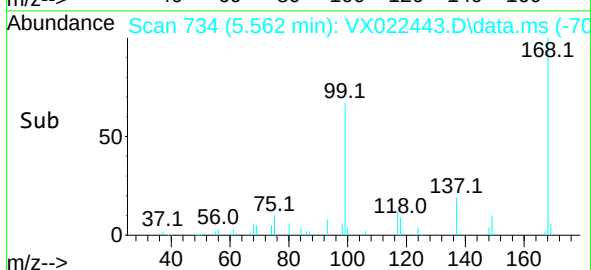
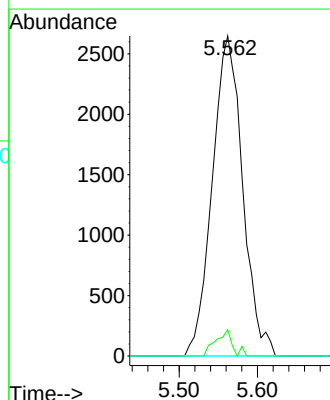
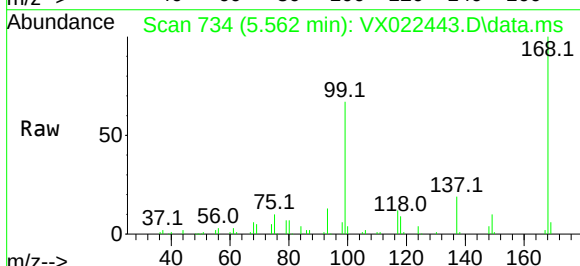
RT: 5.562 min Scan# 734

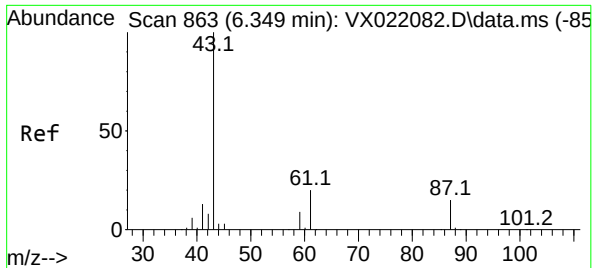
Delta R.T. -0.128 min

Lab File: VX022443.D

Acq: 05 Jun 2021 03:36

Tgt Ion:	117	Resp:	7128
Ion	Ratio	Lower	Upper
117	100		
119	8.2	76.2	114.2#
121	0.0	24.8	37.2#

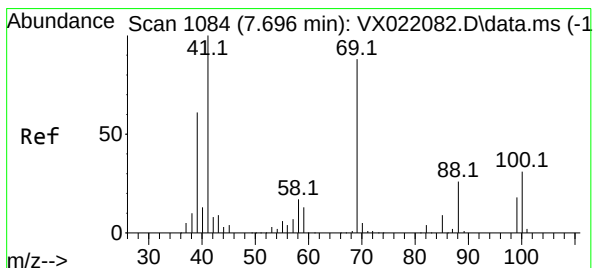
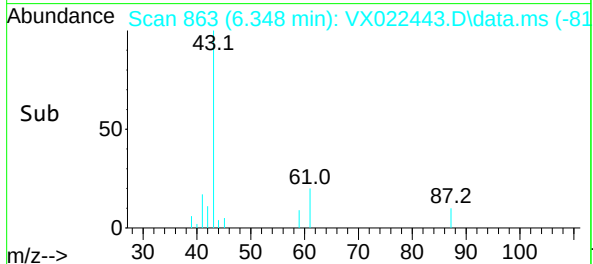
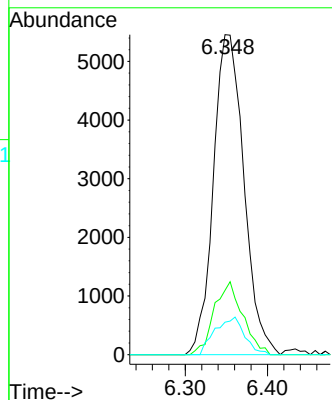
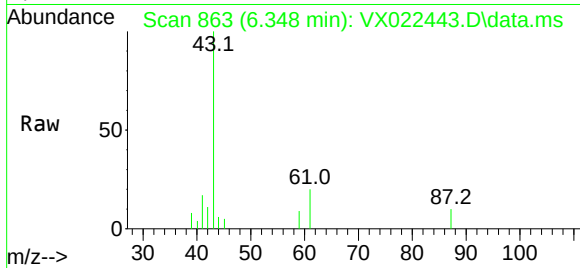




#43
Isopropyl Acetate
Concen: 5.621 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

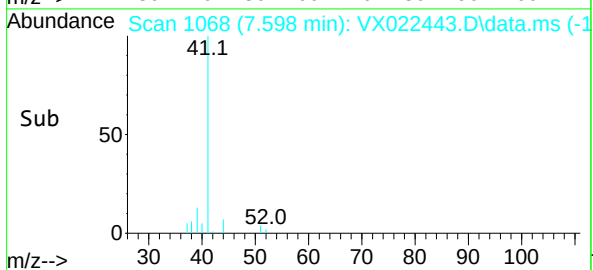
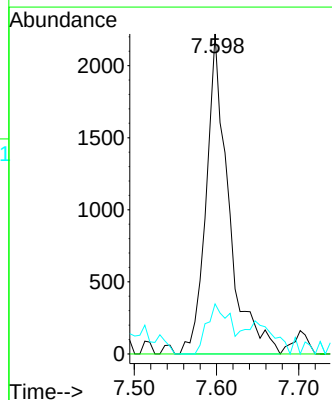
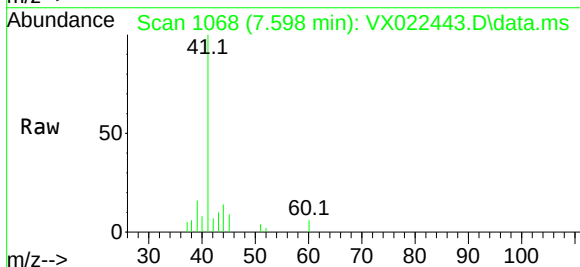
Instrument :
MSVOA_X
ClientSampled :

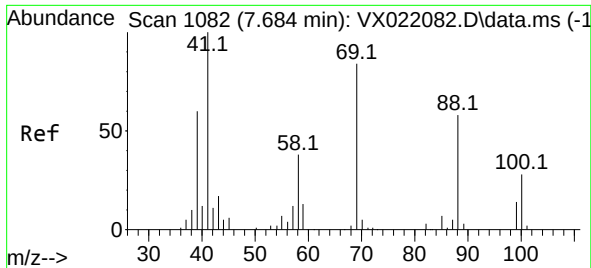
Tgt Ion: 43 Resp: 14074
Ion Ratio Lower Upper
43 100
61 21.4 18.2 27.4
87 11.4 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.668 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 41 Resp: 4232
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: 3.205 ug/l

RT: 7.811 min Scan# 1103

Delta R.T. 0.127 min

Lab File: VX022443.D

Acq: 05 Jun 2021 03:36

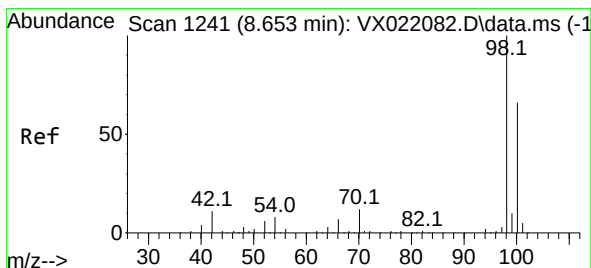
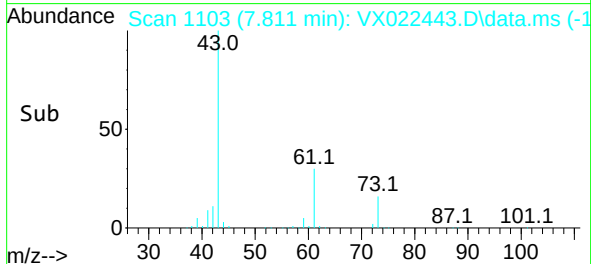
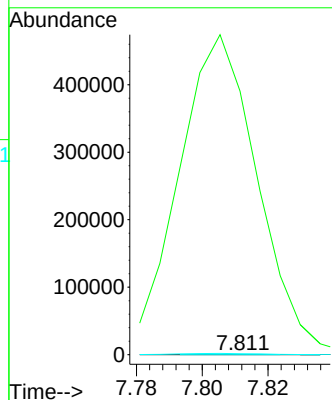
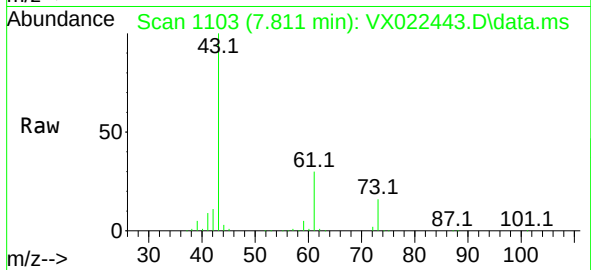
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 1117031.9 23.2 34.8#

58 4637.5 55.0 82.4#



#50

Toluene-d8

Concen: 51.964 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022443.D

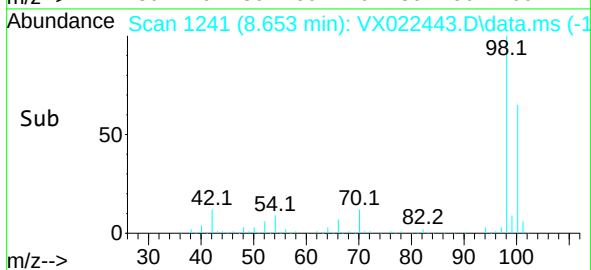
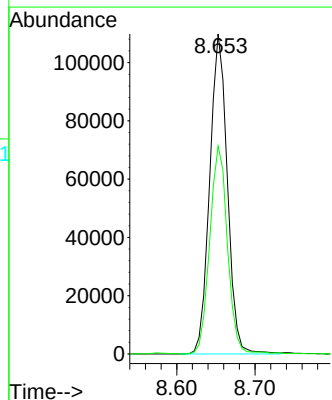
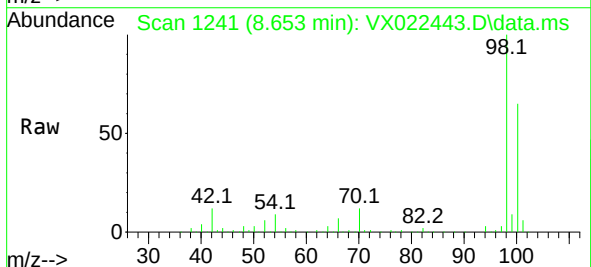
Acq: 05 Jun 2021 03:36

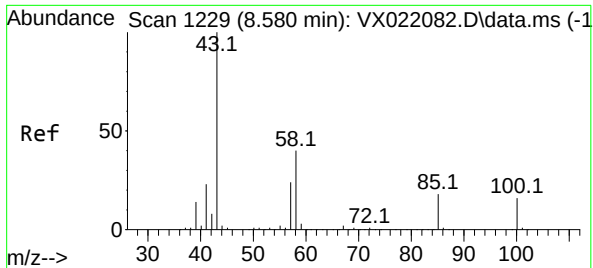
Tgt Ion: 98 Resp: 171424

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9

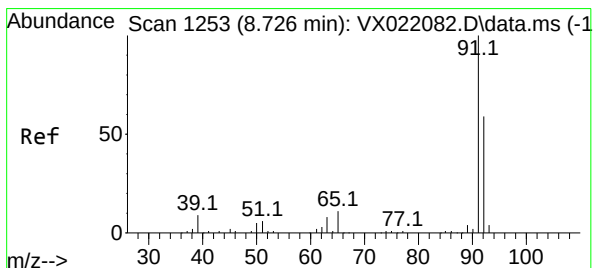
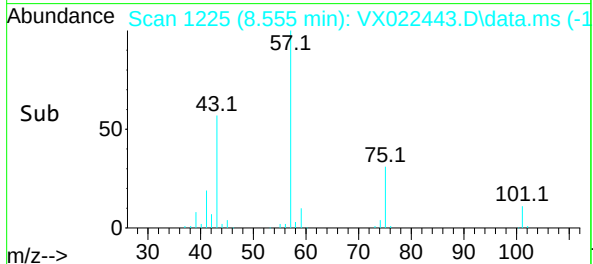
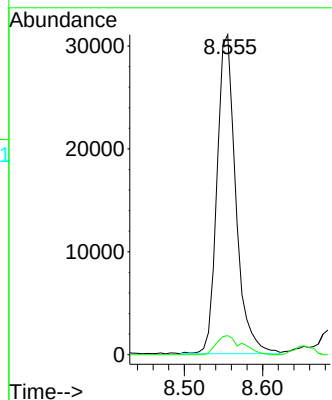
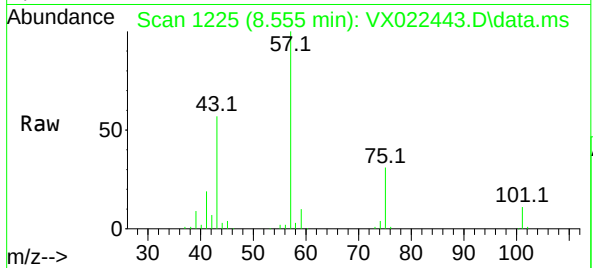




#51
4-Methyl-2-Pentanone
Concen: 34.570 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

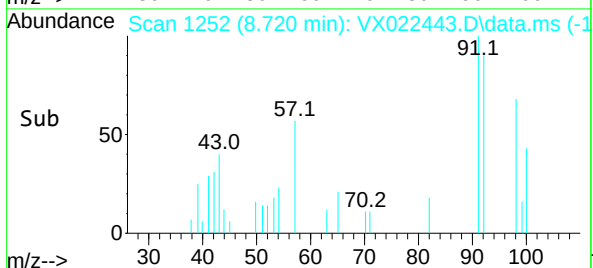
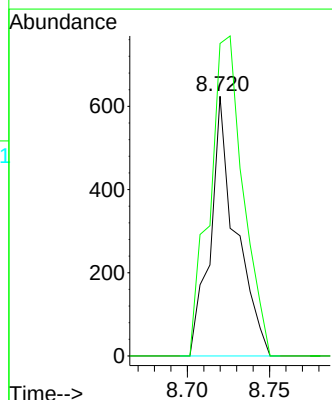
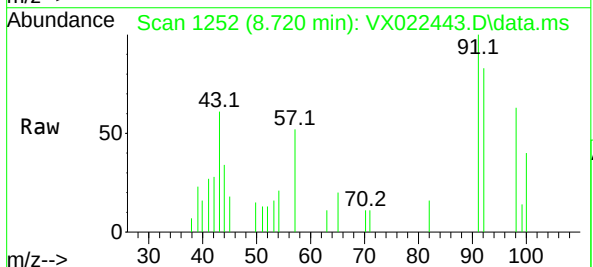
Instrument :
MSVOA_X
ClientSampled :

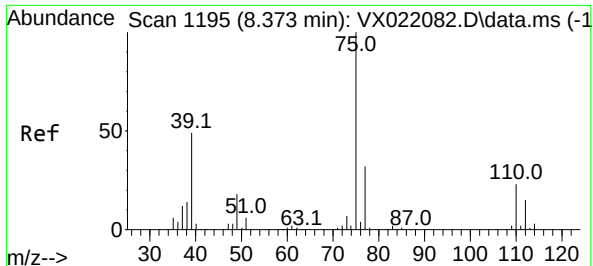
Tgt Ion: 43 Resp: 51848
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#52
Toluene
Concen: 0.275 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 92 Resp: 670
Ion Ratio Lower Upper
92 100
91 162.2 137.1 205.7

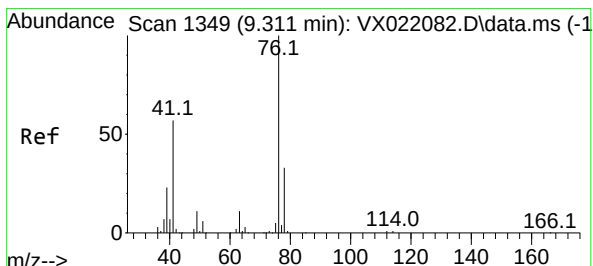
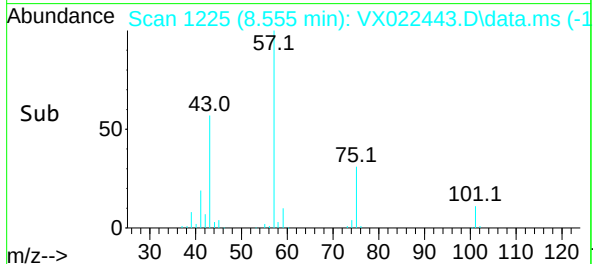
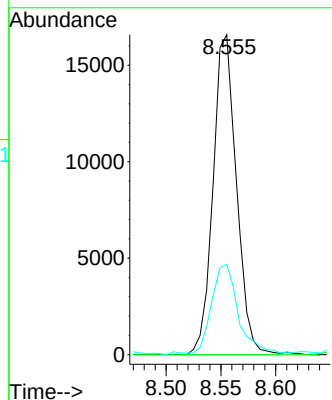
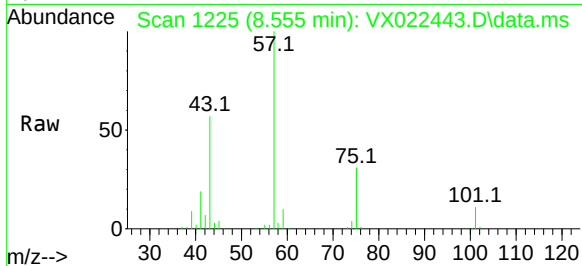




#54
 cis-1,3-Dichloropropene
 Concen: 14.892 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022443.D
 Acq: 05 Jun 2021 03:36

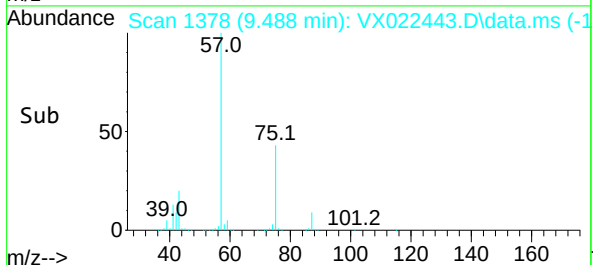
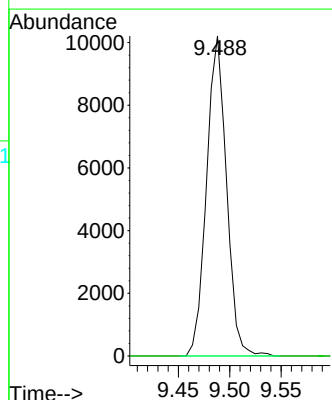
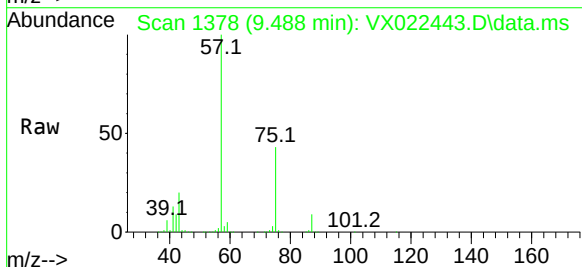
Instrument :
 MSVOA_X
 ClientSampled :

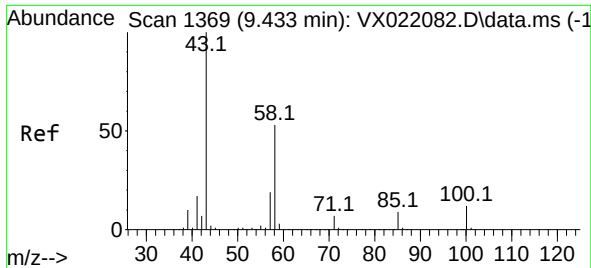
Tgt Ion: 75 Resp: 24591
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 27.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 8.197 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022443.D
 Acq: 05 Jun 2021 03:36

Tgt Ion: 76 Resp: 13824
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

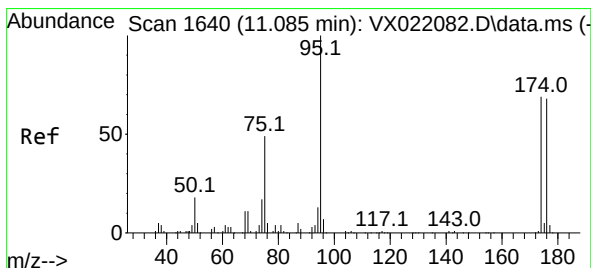
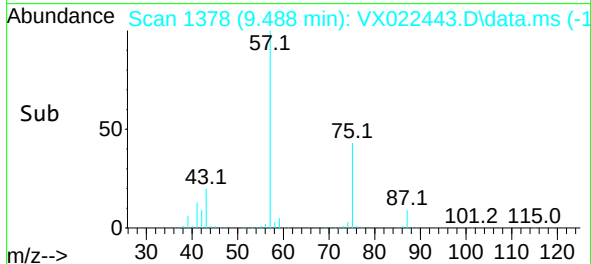
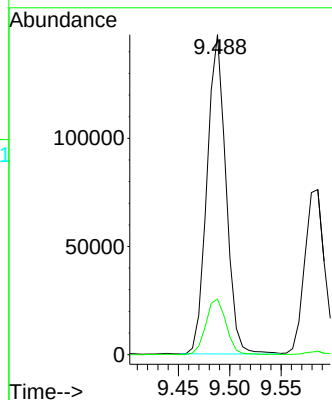
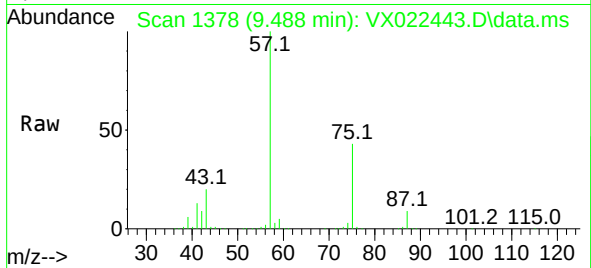




#59
2-Hexanone
Concen: 168.159 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

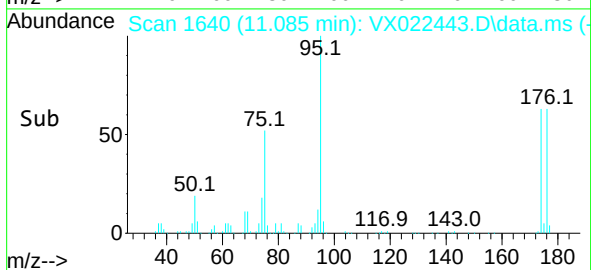
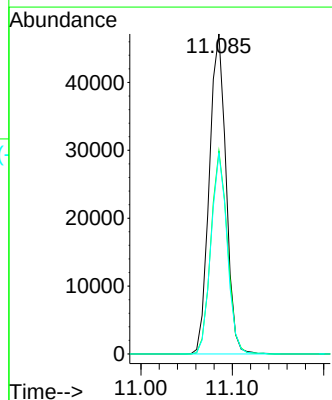
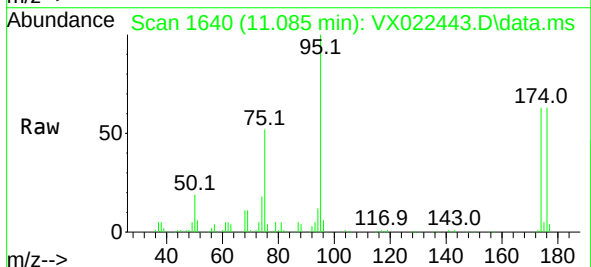
Instrument :
MSVOA_X
ClientSampled :

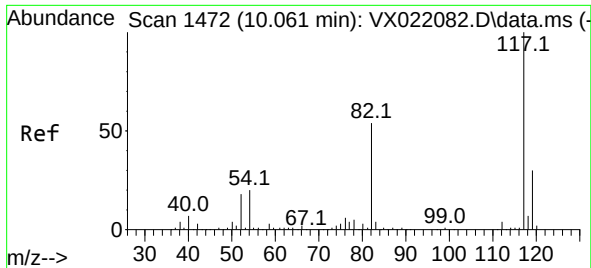
Tgt Ion: 43 Resp: 189687
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.889 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 95 Resp: 59612
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 61.1 0.0 155.8

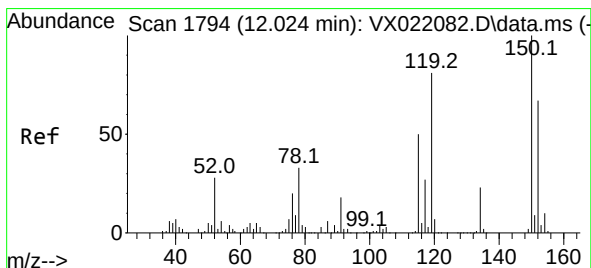
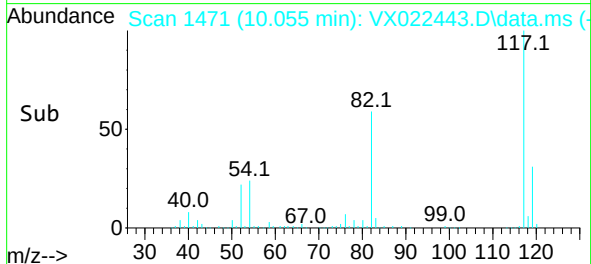
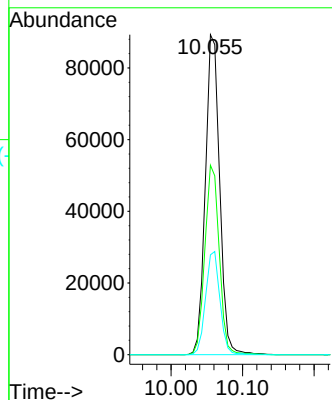
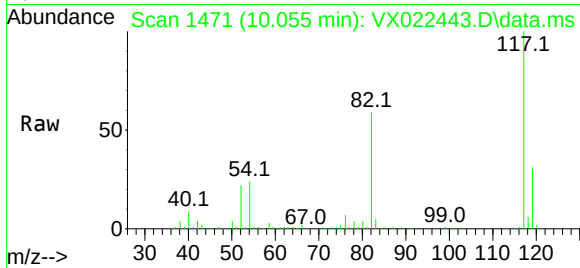




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

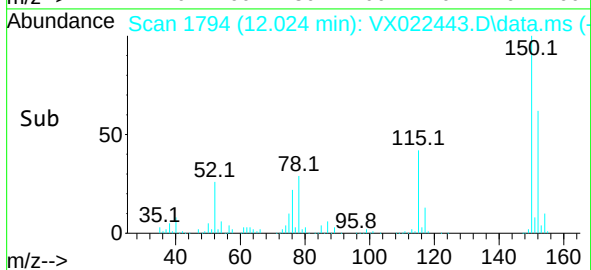
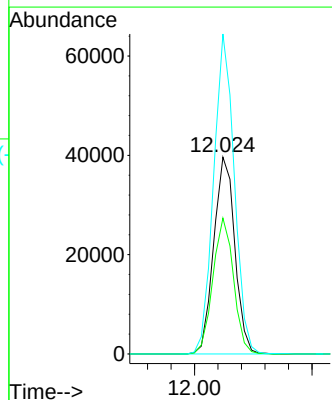
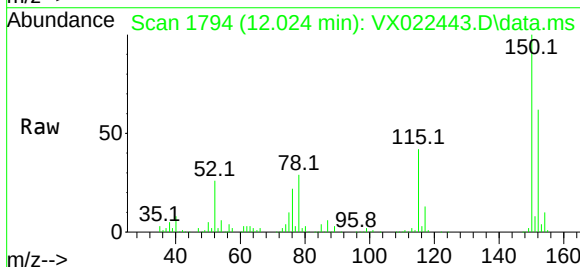
Instrument :
MSVOA_X
ClientSampleId :

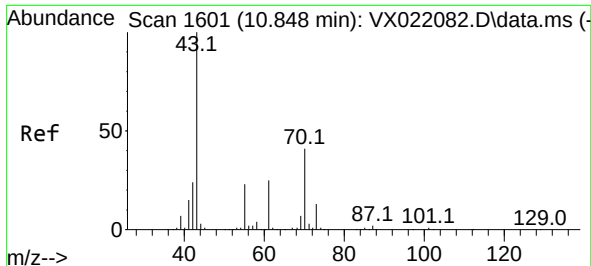
Tgt Ion:117 Resp: 124407
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion:152 Resp: 49521
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 159.3 0.0 349.0

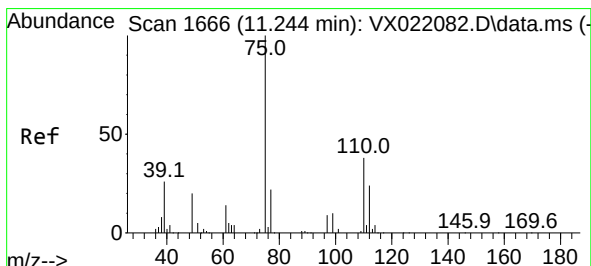
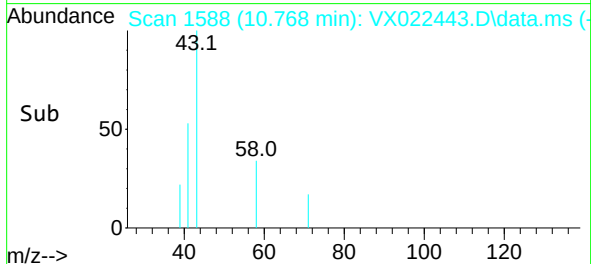
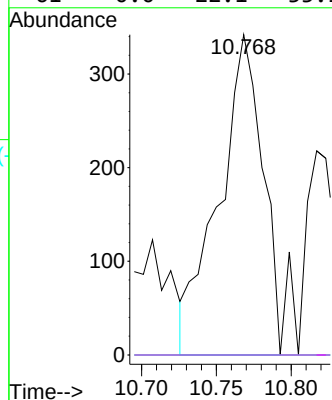
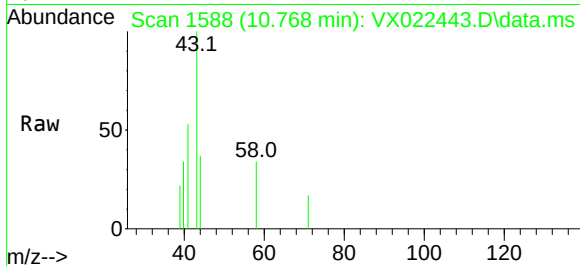




#74
N-amy1 acetate
Concen: 0.349 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

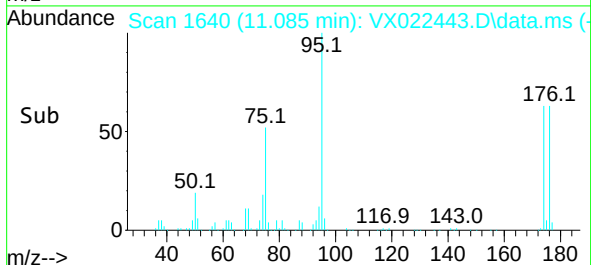
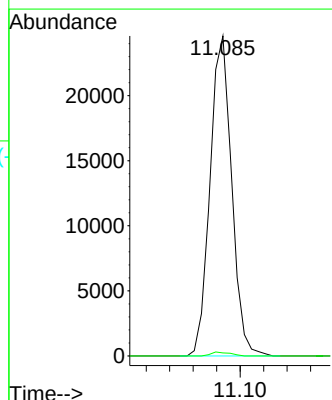
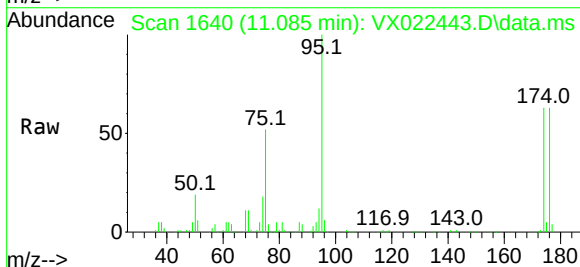
Instrument :
MSVOA_X
ClientSampleId :

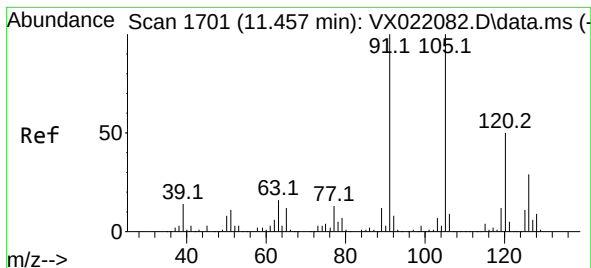
Tgt Ion: 43	Resp: 694
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.713 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022443.D
Acq: 05 Jun 2021 03:36

Tgt Ion: 75	Resp: 31414
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.639 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX022443.D

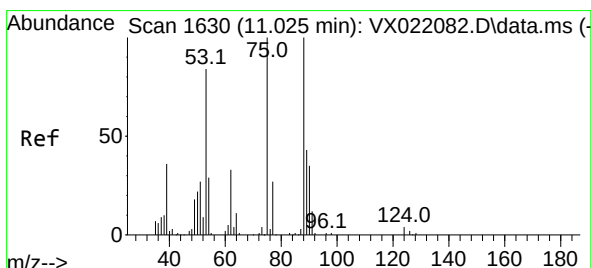
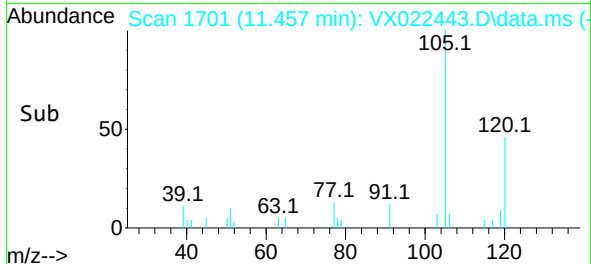
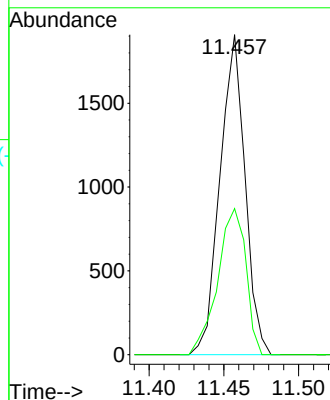
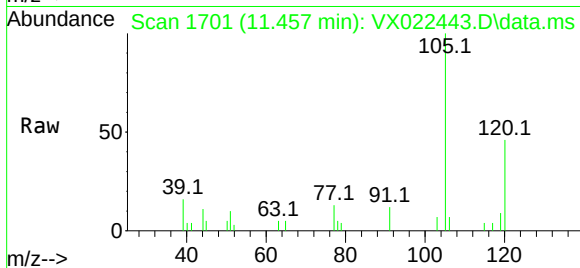
Acq: 05 Jun 2021 03:36

Tgt Ion:105 Resp: 2221

Ion Ratio Lower Upper

105 100

120 51.5 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 60.924 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022443.D

Acq: 05 Jun 2021 03:36

Tgt Ion: 75 Resp: 31414

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

