

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022562.D
 Acq On : 08 Jun 2021 14:36
 Operator : JC/MD
 Sample : PB136878ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

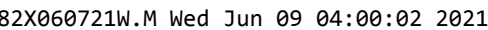
Quant Time: Jun 09 03:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

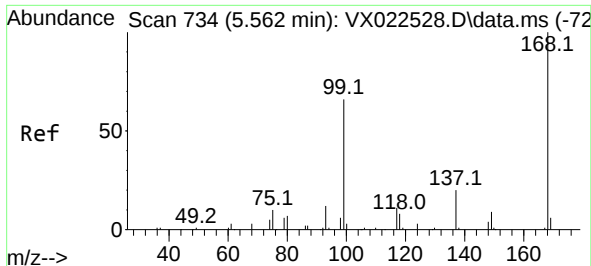
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	62299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	126908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53207	48.042	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.080%
35) Dibromofluoromethane	5.391	113	37659	47.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	8.653	98	159207	50.252	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.500%
62) 4-Bromofluorobenzene	11.085	95	54928	46.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	135	0.300	ug/l	84
11) Tert butyl alcohol	2.941	59	440	1.771	ug/l #	73
16) Acetone	2.386	43	8570	17.221	ug/l	96
17) Carbon Disulfide	2.508	76	70	3.417	ug/l #	75
18) Methyl Acetate	2.709	43	987	0.719	ug/l #	72
20) Methylene Chloride	2.800	84	4867	4.684	ug/l	96
25) 2-Butanone	4.581	43	2011	2.445	ug/l #	77
29) Tetrahydrofuran	5.019	42	443	0.918	ug/l #	27
31) Cyclohexane	5.556	56	2057	1.570	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	6411	5.222	ug/l #	46
38) Carbon Tetrachloride	5.562	117	7095	8.048	ug/l #	16
41) Methacrylonitrile	5.038	41	261	0.301	ug/l #	35
43) Isopropyl Acetate	6.349	43	11850	4.639	ug/l	94
48) Methyl methacrylate	7.604	41	3514	2.956	ug/l #	10
49) 1,4-Dioxane	7.806	88	24	0.998	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	44313	27.846	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	20260	14.059	ug/l #	64
56) Ethyl methacrylate	9.257	69	68	2.738	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11210	6.688	ug/l #	42
59) 2-Hexanone	9.378	43	5223	4.296	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	29666	25.185	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	911	0.288	ug/l	86
81) trans-1,4-Dichloro-2-b...	11.085	75	29666	62.281	ug/l #	12

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

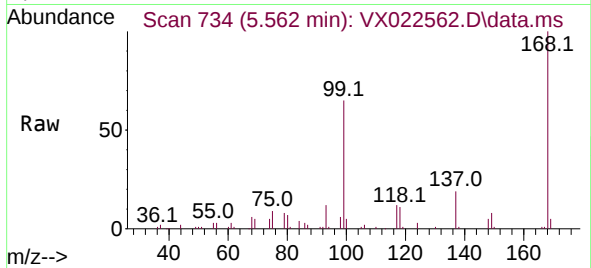
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



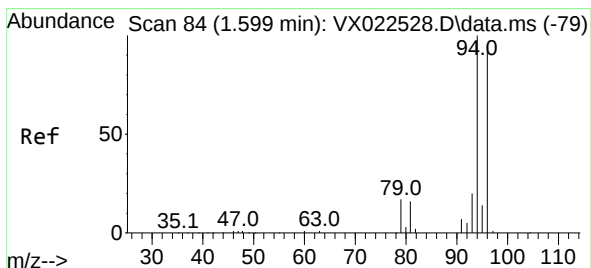
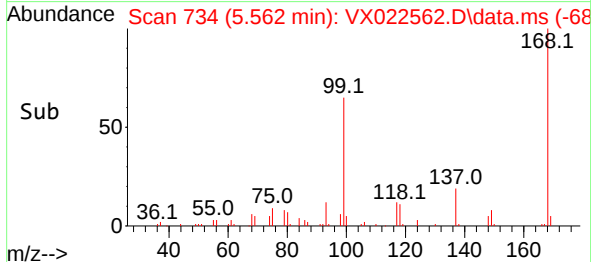
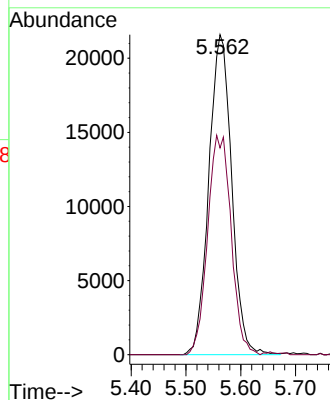


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Instrument :
MSVOA_X
ClientSampled :

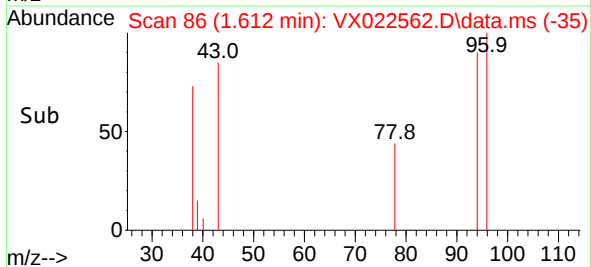
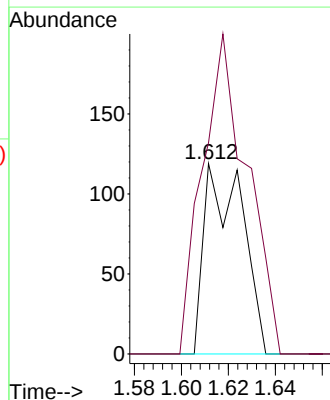
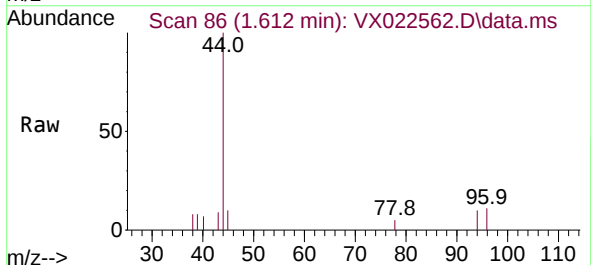


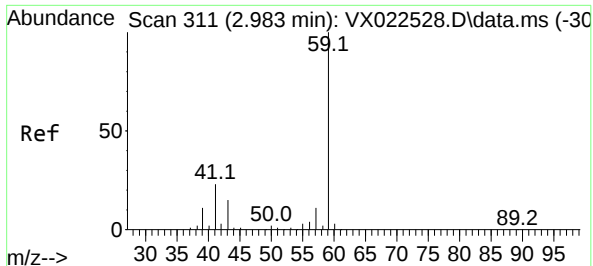
Tgt Ion:168 Resp: 62299
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 110.9 76.4 114.6



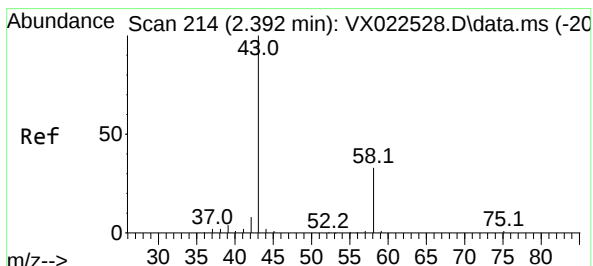
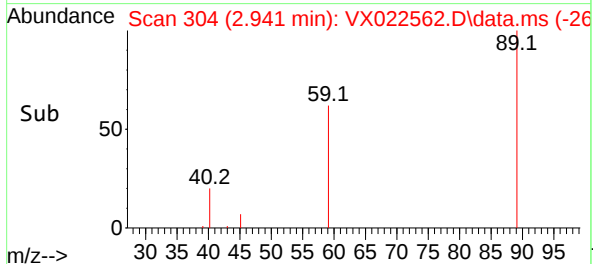
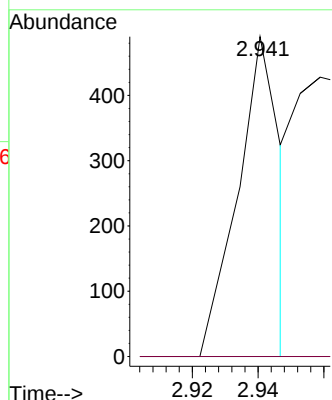
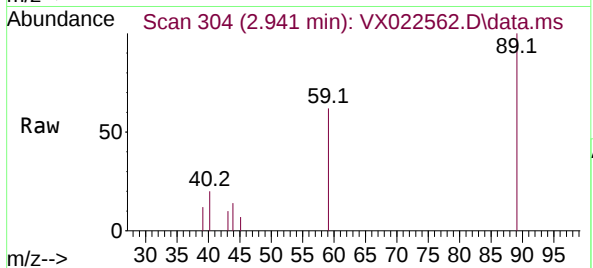


#11

Tert butyl alcohol
Concen: 1.771 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Instrument :
MSVOA_X
ClientSampled :

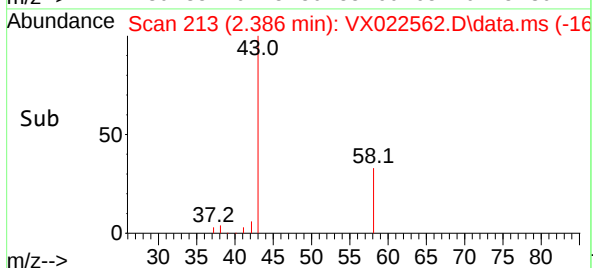
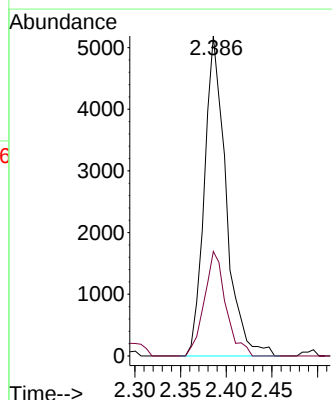
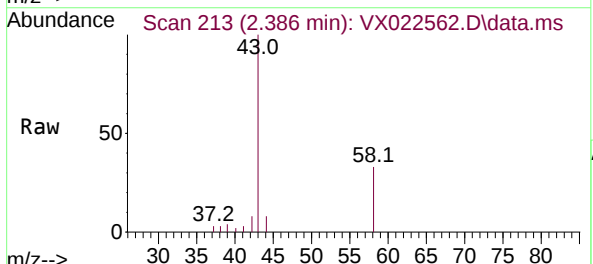
Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

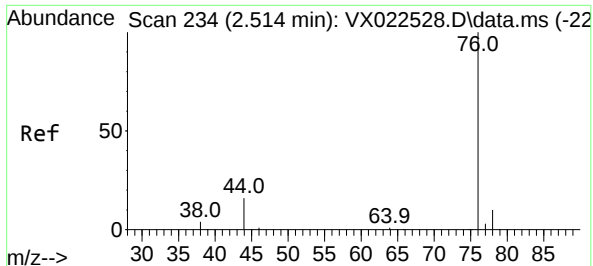


#16

Acetone
Concen: 17.221 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion: 43 Resp: 8570
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8

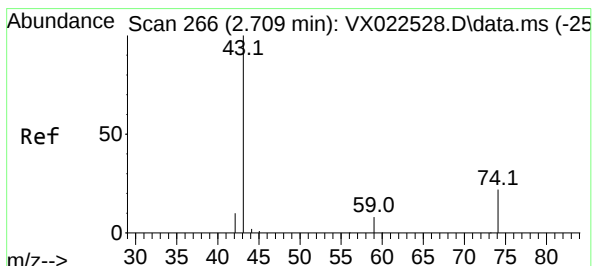
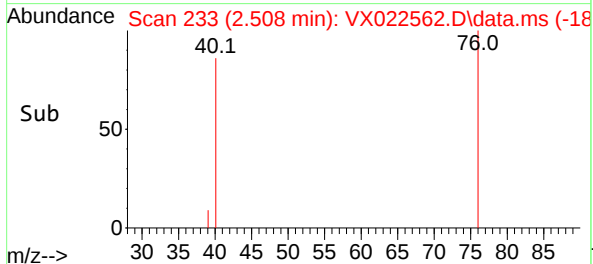
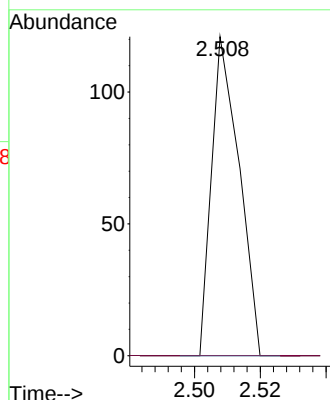
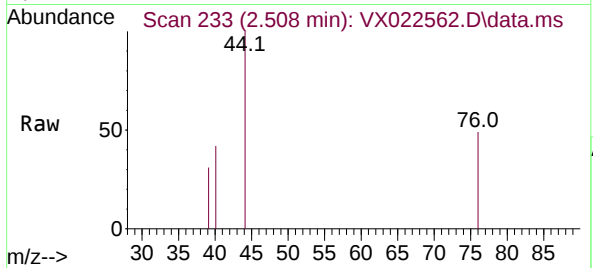




#17
Carbon Disulfide
Concen: 3.417 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

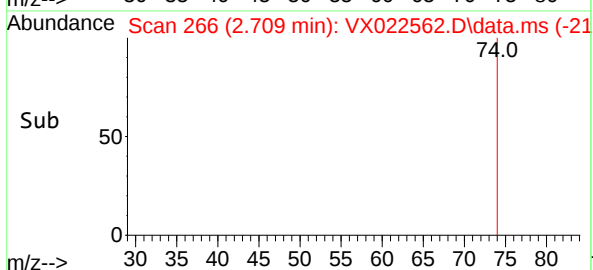
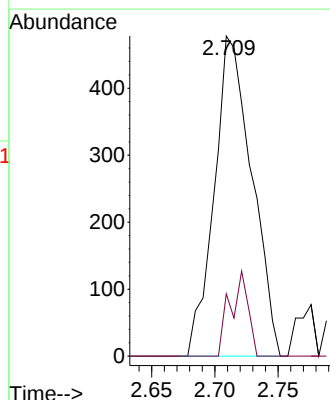
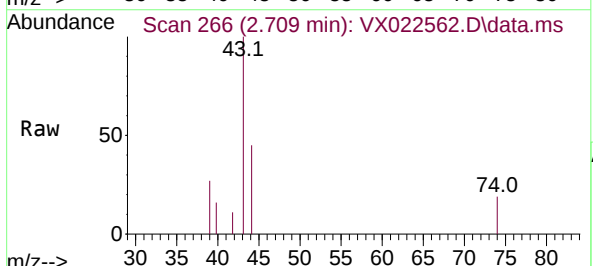
Instrument :
MSVOA_X
ClientSampled :

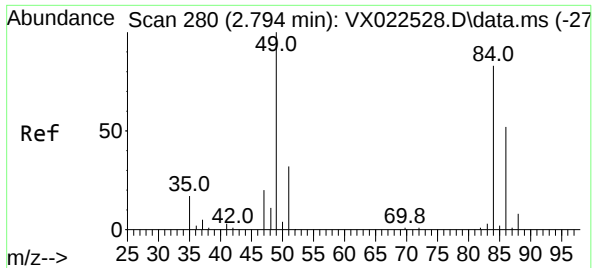
Tgt Ion: 76 Resp: 70
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.719 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
74 12.7 21.9 32.9#





#20

Methylene Chloride

Concen: 4.684 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022562.D

Acq: 08 Jun 2021 14:36

Tgt Ion: 84 Resp: 4867

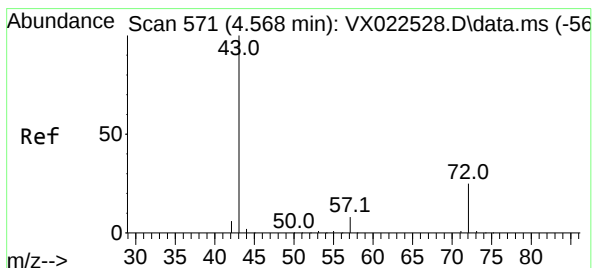
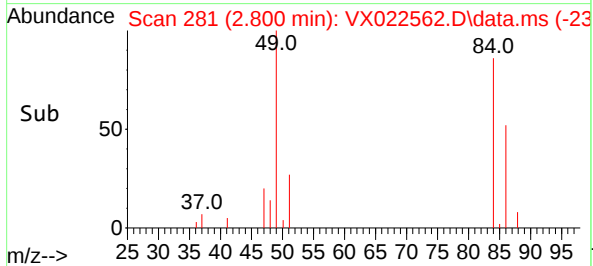
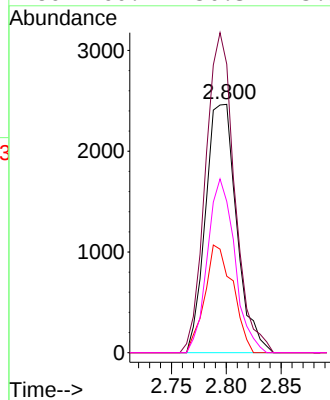
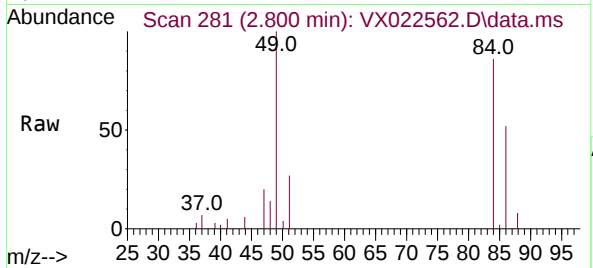
Ion Ratio Lower Upper

84 100

49 116.1 88.6 132.8

51 30.8 27.0 40.6

86 60.9 50.3 75.5



#25

2-Butanone

Concen: 2.445 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX022562.D

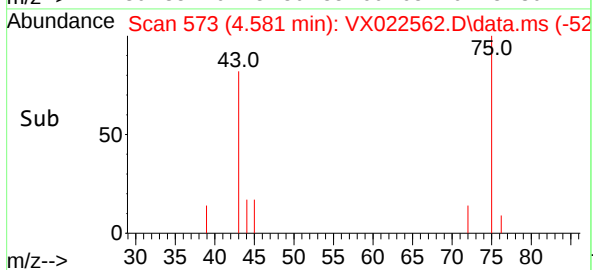
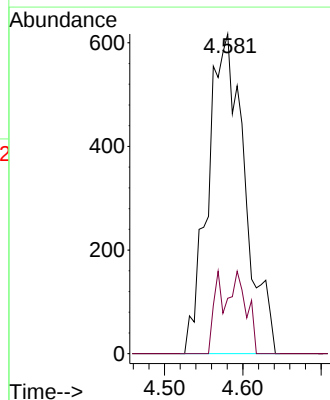
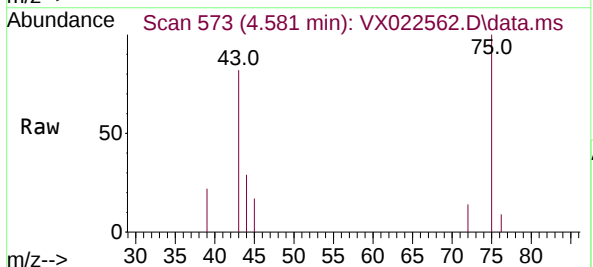
Acq: 08 Jun 2021 14:36

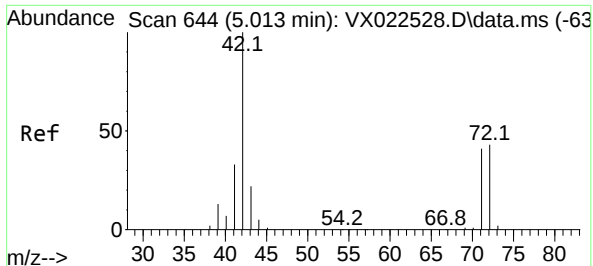
Tgt Ion: 43 Resp: 2011

Ion Ratio Lower Upper

43 100

72 17.3 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.918 ug/l

RT: 5.019 min Scan# 645

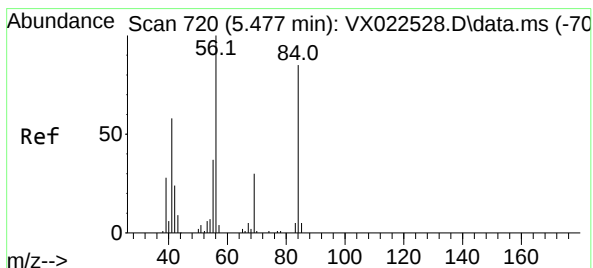
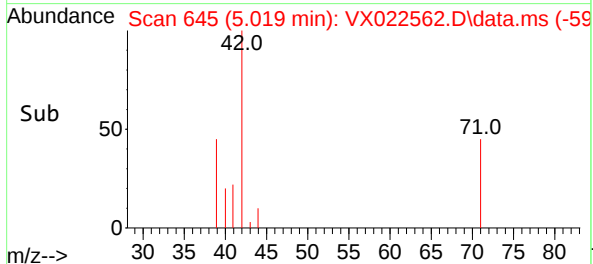
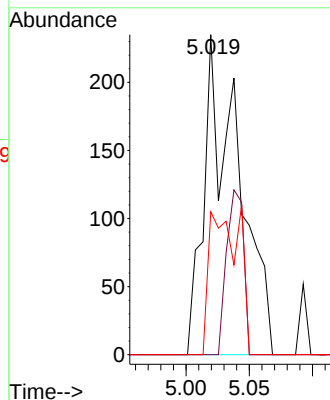
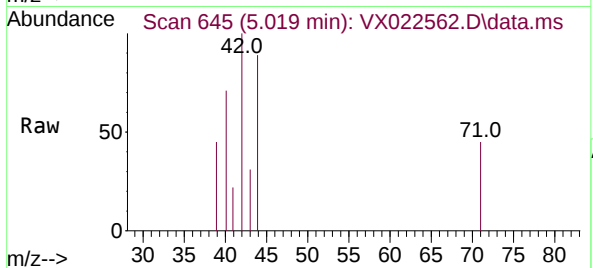
Delta R.T. 0.006 min

Lab File: VX022562.D

Acq: 08 Jun 2021 14:36

Tgt Ion:	42	Resp:	443
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.570 ug/l

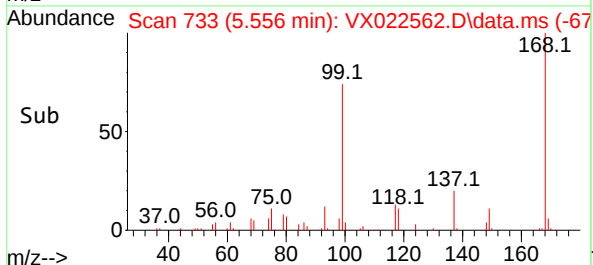
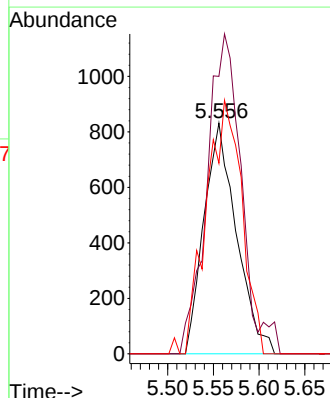
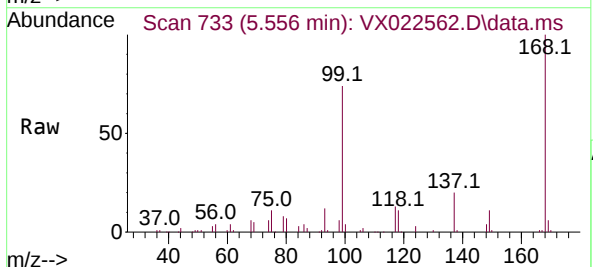
RT: 5.556 min Scan# 733

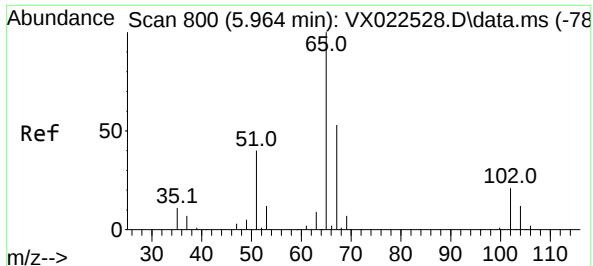
Delta R.T. 0.079 min

Lab File: VX022562.D

Acq: 08 Jun 2021 14:36

Tgt Ion:	56	Resp:	2057
Ion	Ratio	Lower	Upper
56	100		
69	120.2	25.3	37.9#
84	82.6	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 48.042 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022562.D

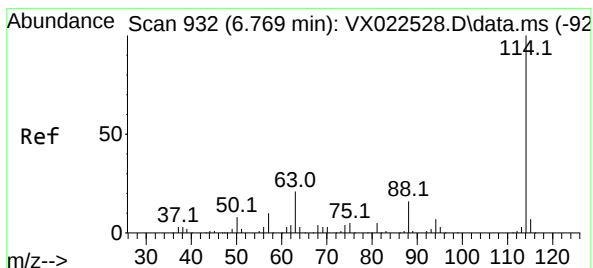
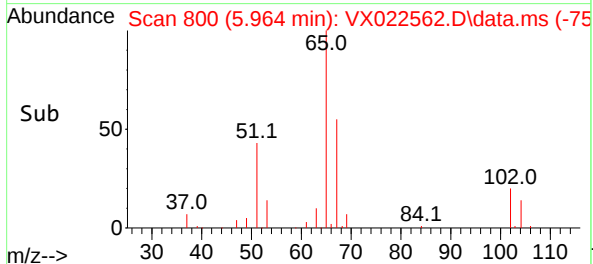
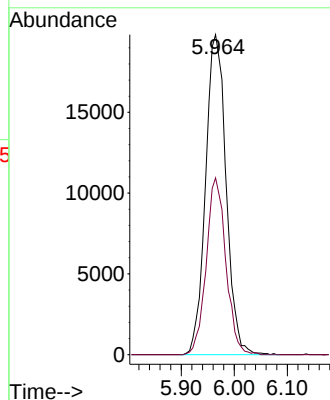
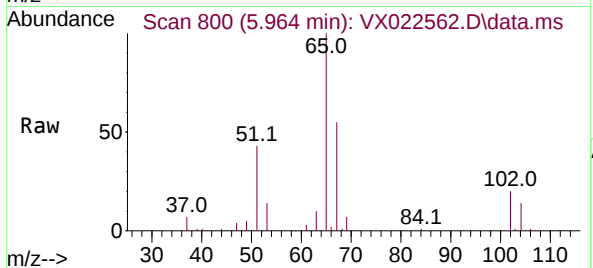
Acq: 08 Jun 2021 14:36

Tgt Ion: 65 Resp: 53207

Ion Ratio Lower Upper

65 100

67 52.9 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: VX022562.D

Acq: 08 Jun 2021 14:36

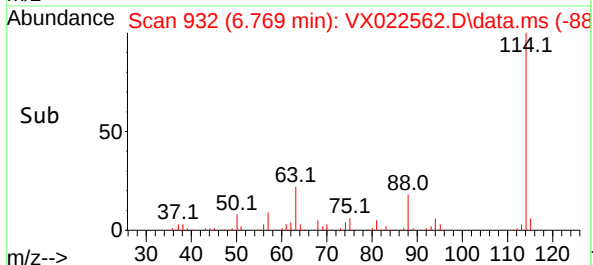
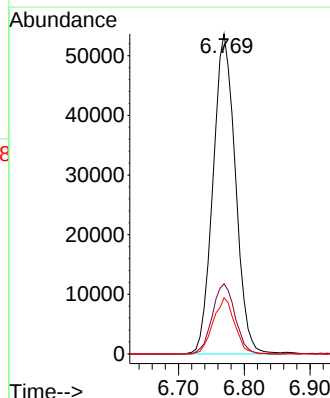
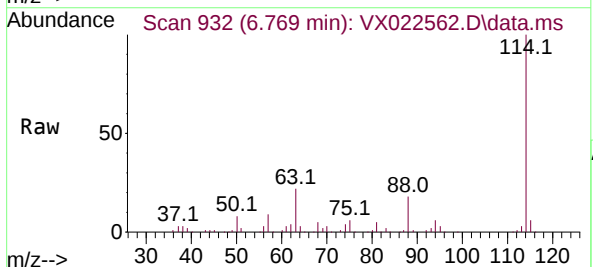
Tgt Ion: 114 Resp: 126908

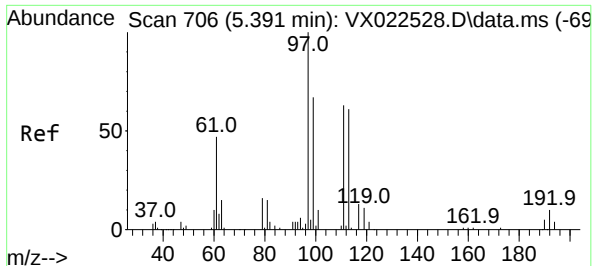
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

88 17.5 0.0 32.8

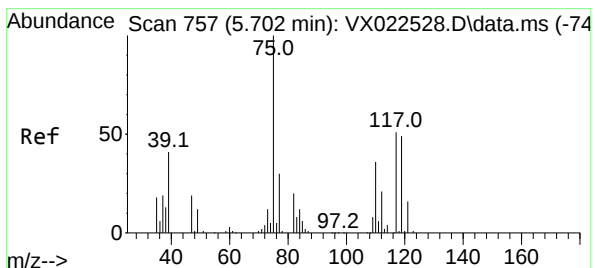
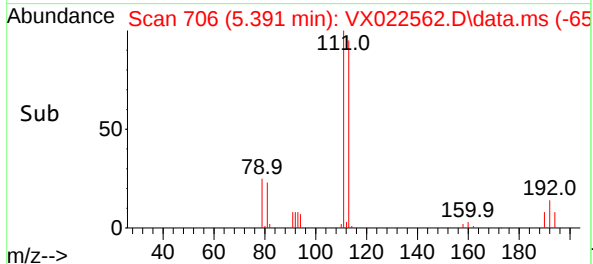
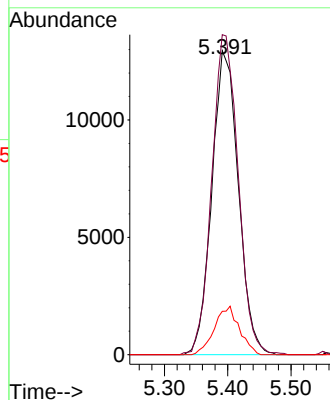
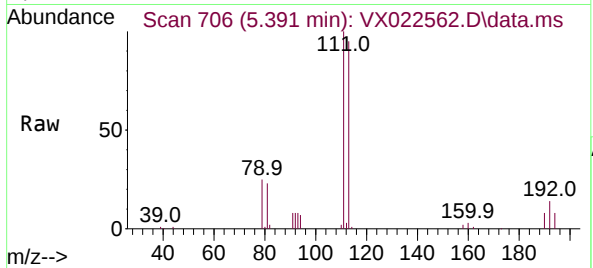




#35
Dibromofluoromethane
Concen: 47.428 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

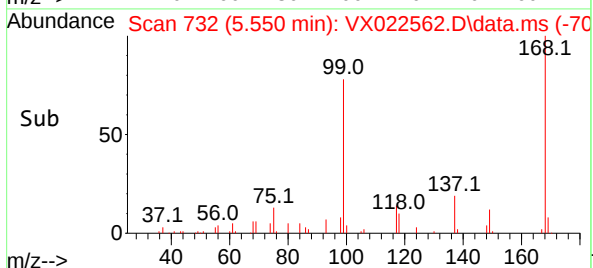
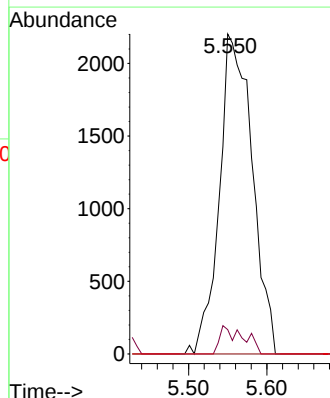
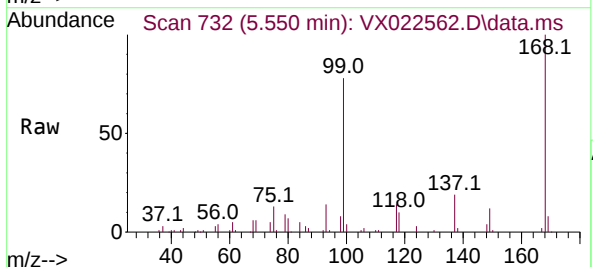
Instrument :
MSVOA_X
ClientSampleId :

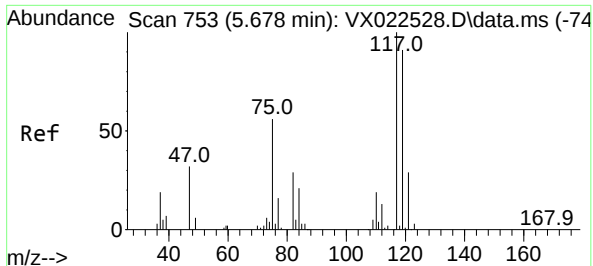
Tgt Ion:113 Resp: 37659
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 15.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

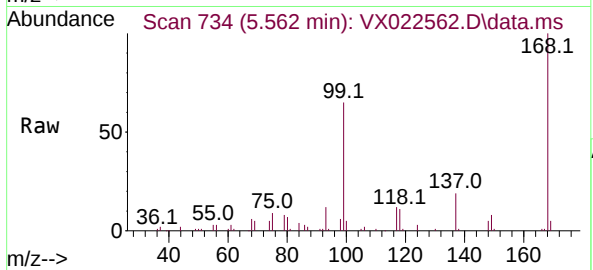
Tgt Ion: 75 Resp: 6411
Ion Ratio Lower Upper
75 100
110 6.3 18.1 54.4#
77 0.0 25.3 37.9#



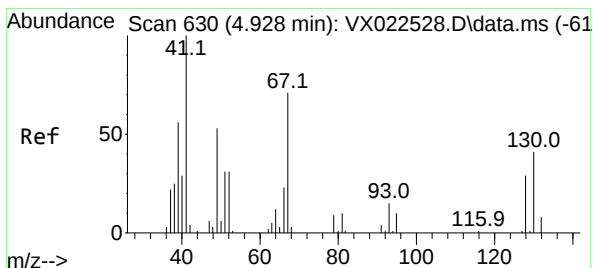
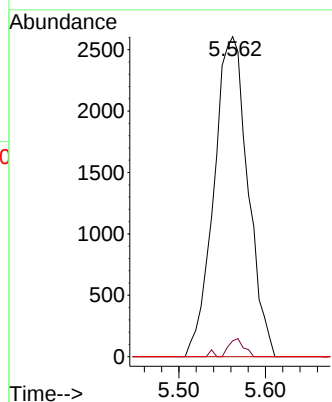
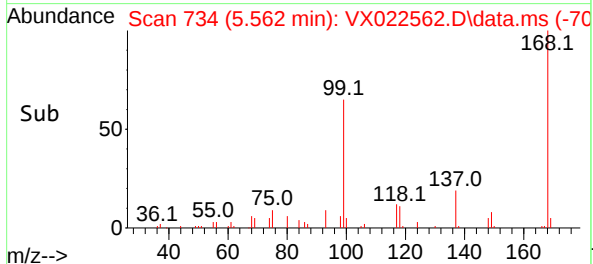


#38
Carbon Tetrachloride
Concen: 8.048 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

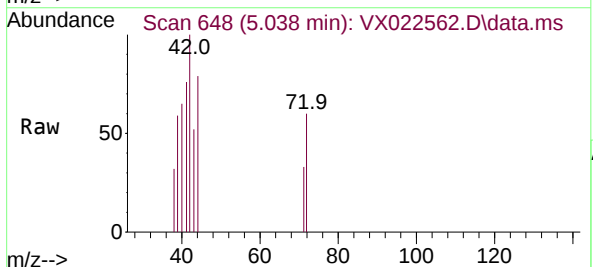
Instrument :
MSVOA_X
ClientSampleId :



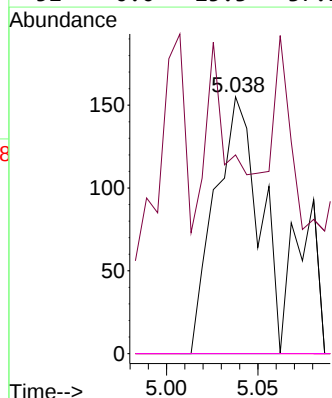
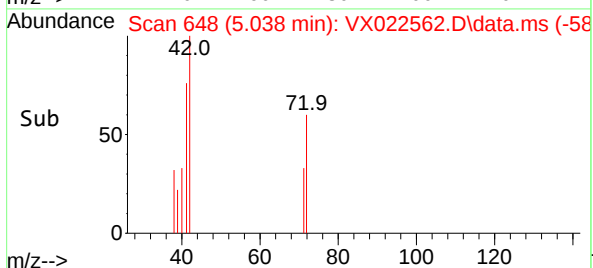
Tgt Ion:117 Resp: 7095
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

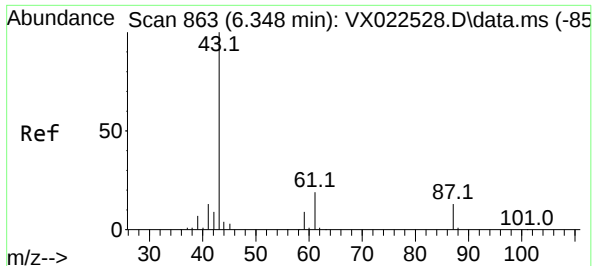


#41
Methacrylonitrile
Concen: 0.301 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36



Tgt Ion: 41 Resp: 261
Ion Ratio Lower Upper
41 100
39 74.3 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

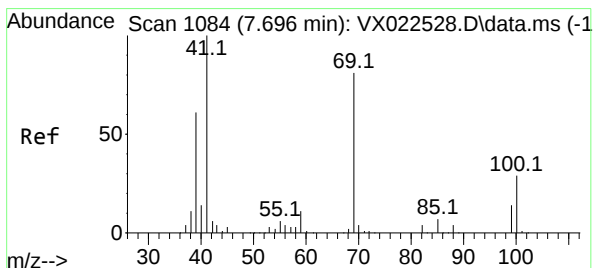
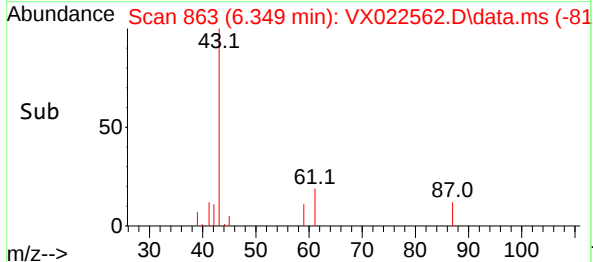
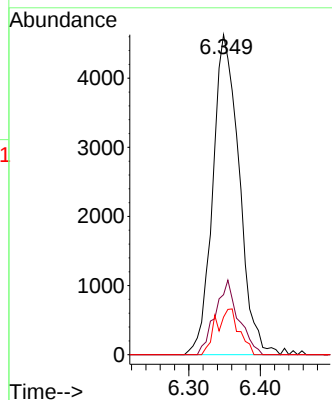
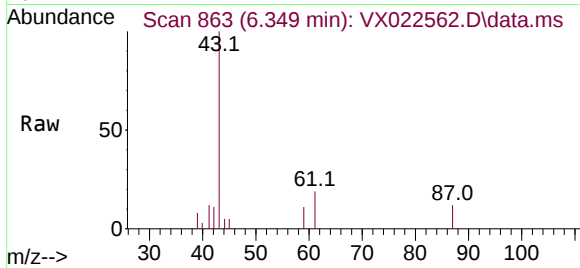




#43
Isopropyl Acetate
Concen: 4.639 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

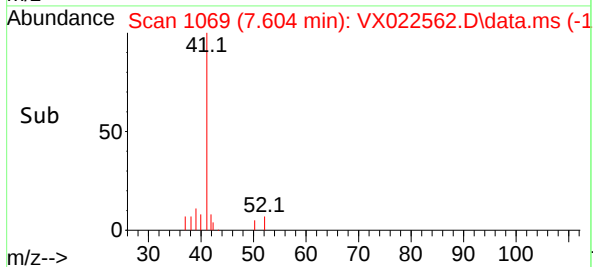
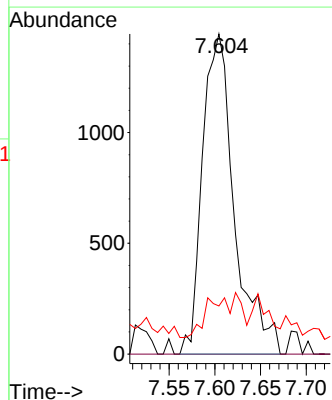
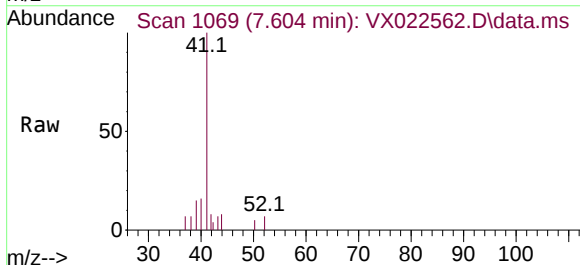
Instrument :
MSVOA_X
ClientSampled :

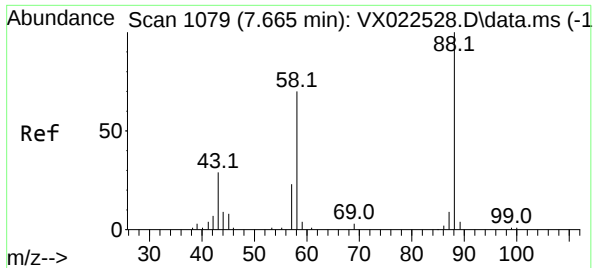
Tgt Ion:	43	Resp:	11850
Ion	Ratio	Lower	Upper
43	100		
61	20.6	18.2	27.4
87	12.6	12.5	18.7



#48
Methyl methacrylate
Concen: 2.956 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion:	41	Resp:	3514
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

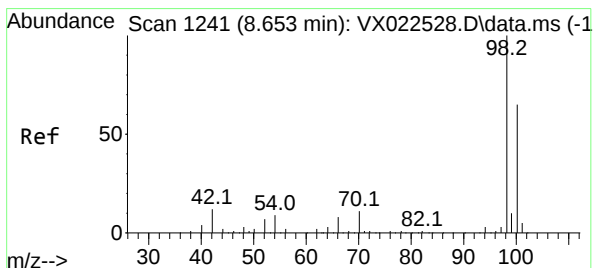
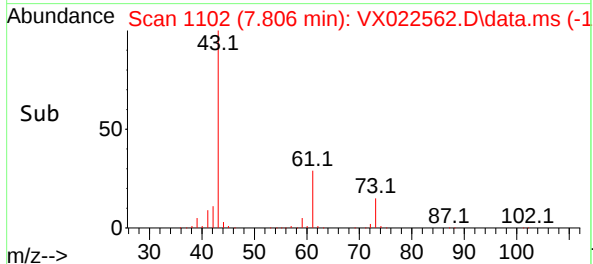
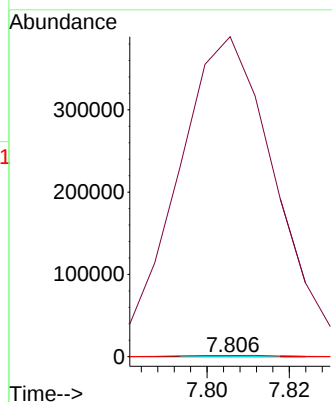
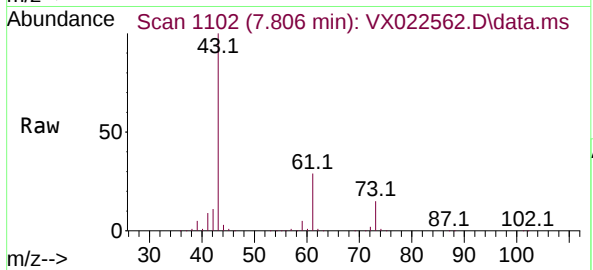




#49
1,4-Dioxane
Concen: 0.998 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

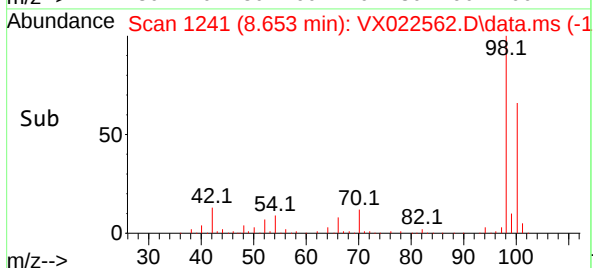
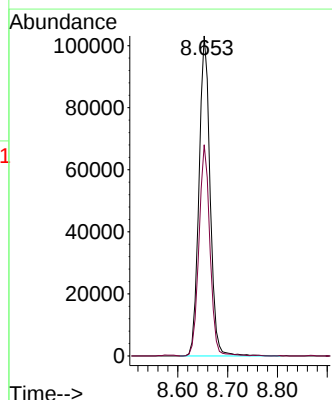
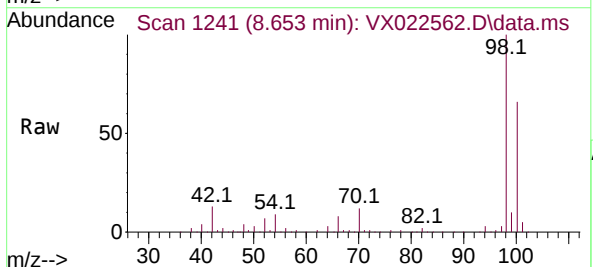
Instrument :
MSVOA_X
ClientSampled :

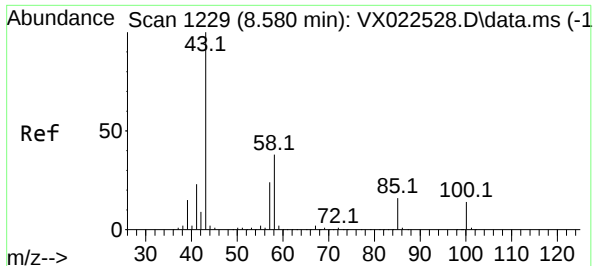
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 2766070.8 23.2 34.8#
58 11537.5 55.0 82.4#



#50
Toluene-d8
Concen: 50.252 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion: 98 Resp: 159207
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

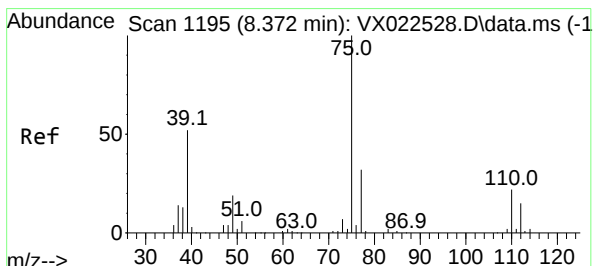
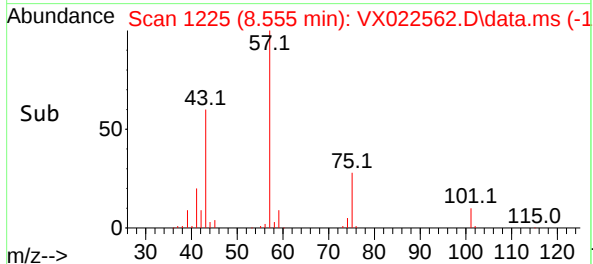
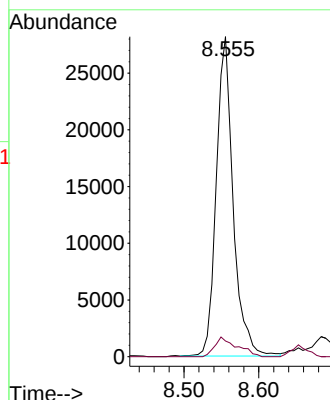
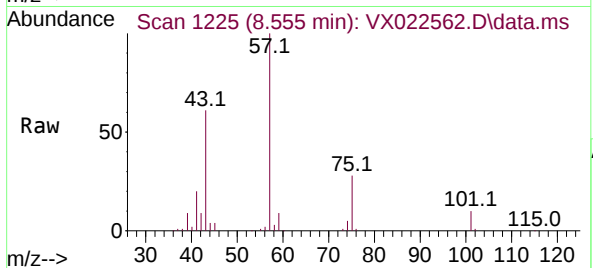




#51
4-Methyl-2-Pentanone
Concen: 27.846 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

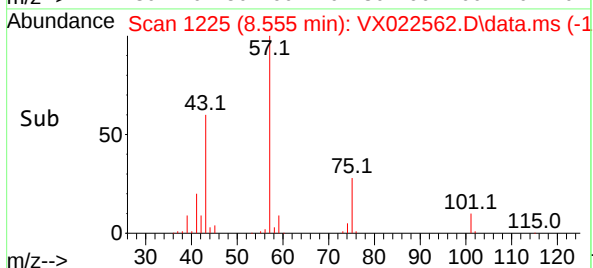
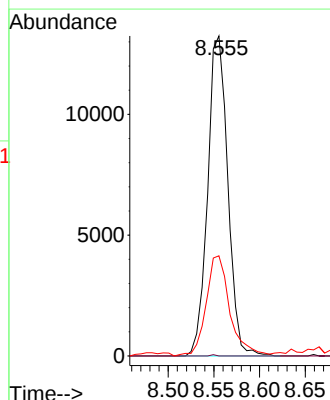
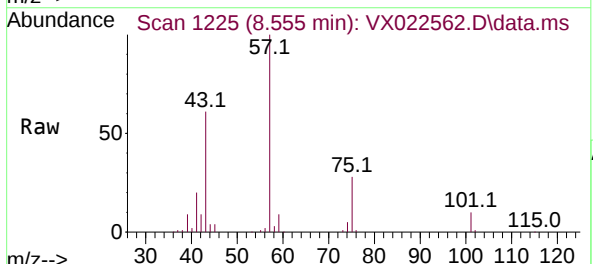
Instrument :
MSVOA_X
ClientSampled :

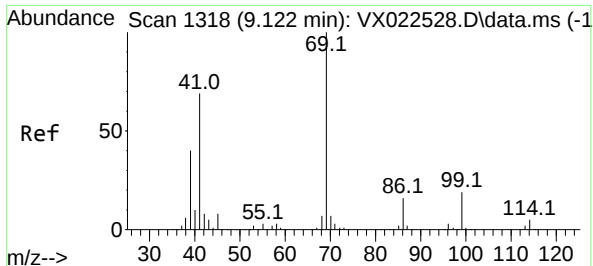
Tgt Ion: 43 Resp: 44313
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.059 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion: 75 Resp: 20260
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.8 35.1 52.7#





#56

Ethyl methacrylate

Concen: 2.738 ug/l

RT: 9.257 min Scan# 1340

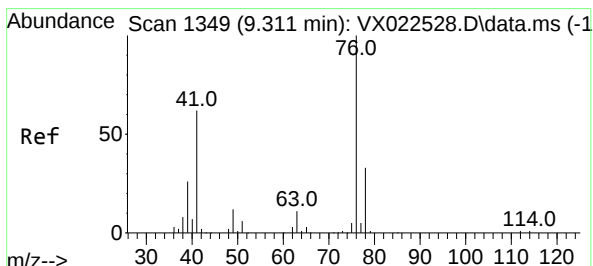
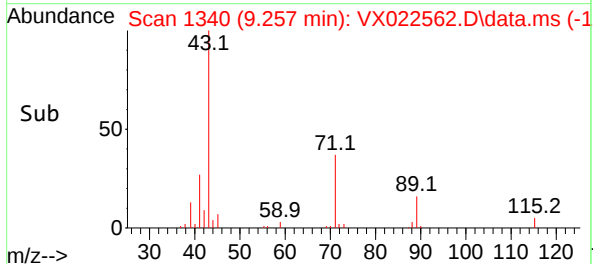
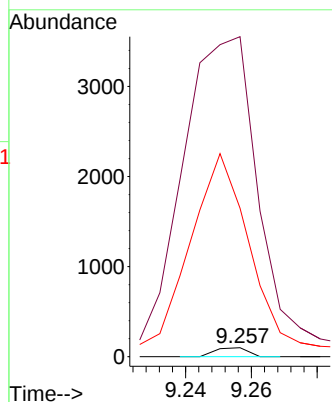
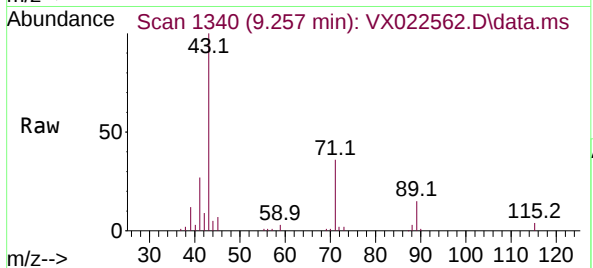
Delta R.T. 0.135 min

Lab File: VX022562.D

Acq: 08 Jun 2021 14:36

Tgt Ion:	69	Resp:	68
Ion	Ratio	Lower	Upper
69	100		
41	8582.4	46.8	70.2#
39	4438.2	24.7	37.1#

Instrument :
MSVOA_X
ClientSampled :



#57

1,3-Dichloropropane

Concen: 6.688 ug/l

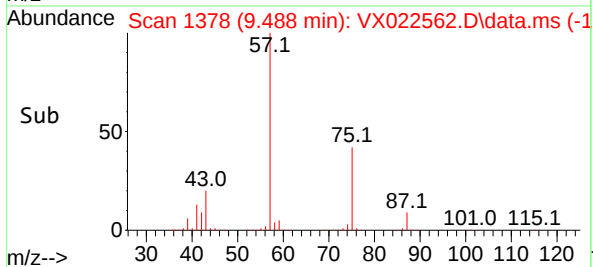
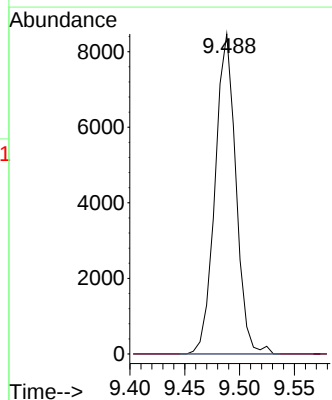
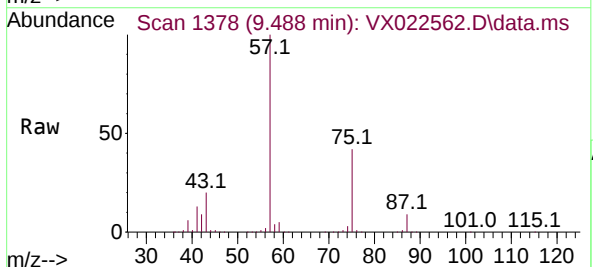
RT: 9.488 min Scan# 1378

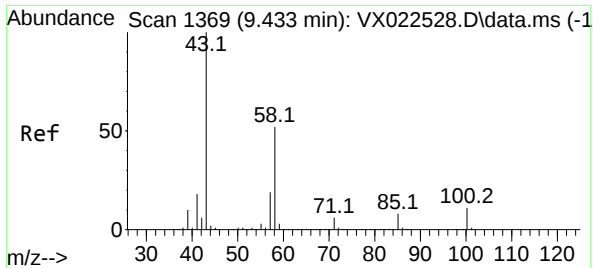
Delta R.T. 0.177 min

Lab File: VX022562.D

Acq: 08 Jun 2021 14:36

Tgt Ion:	76	Resp:	11210
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

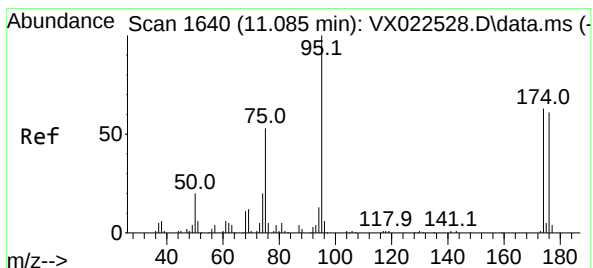
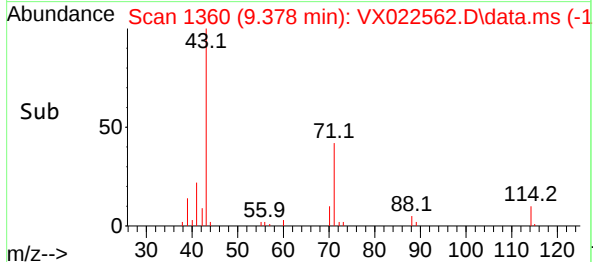
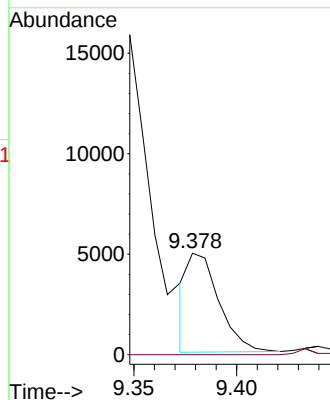
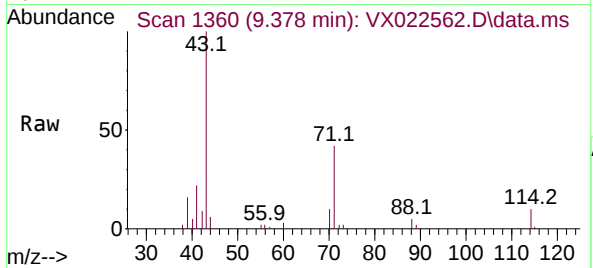




#59
2-Hexanone
Concen: 4.296 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

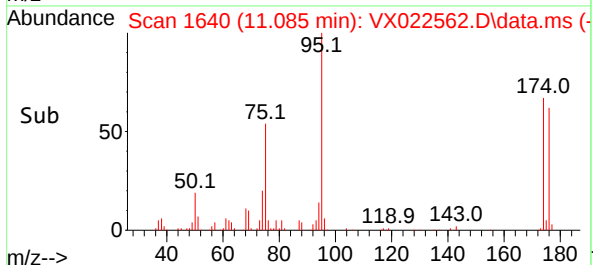
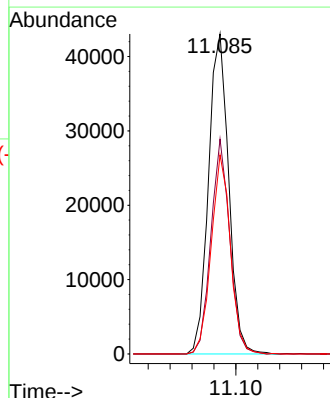
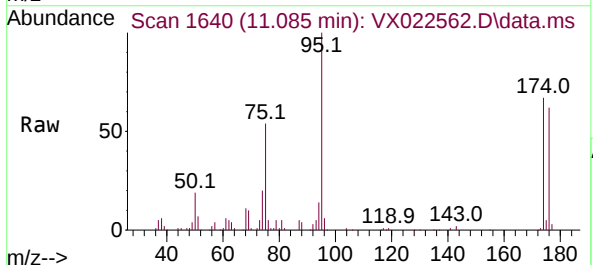
Instrument :
MSVOA_X
ClientSampled :

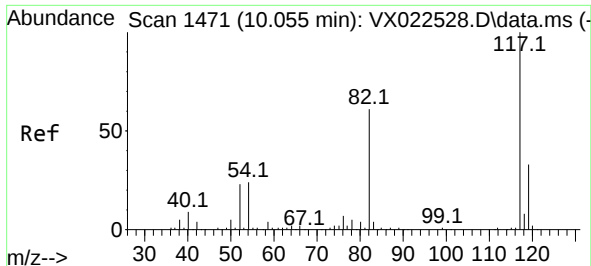
Tgt Ion: 43 Resp: 5223
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.644 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion: 95 Resp: 54928
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 59.3 0.0 155.8

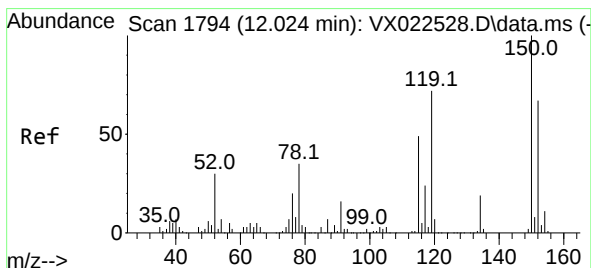
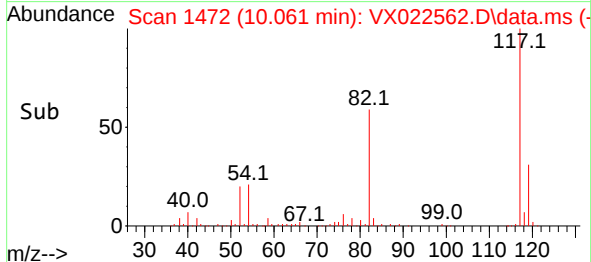
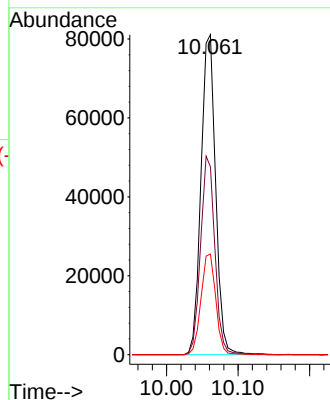
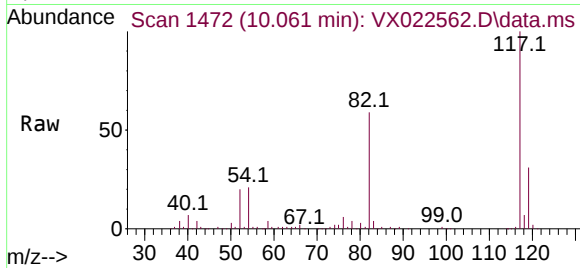




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

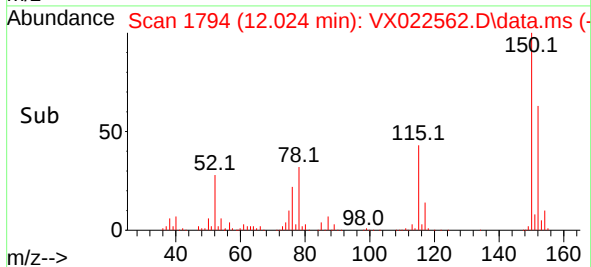
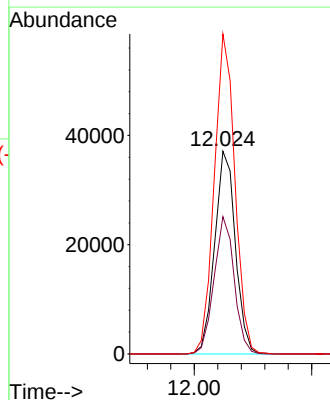
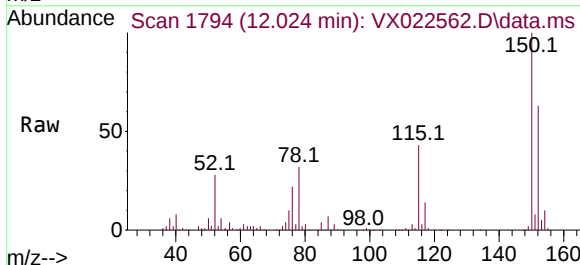
Instrument :
MSVOA_X
ClientSampled :

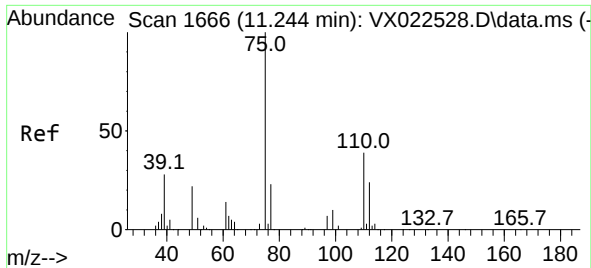
Tgt Ion:117 Resp: 115343
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

Tgt Ion:152 Resp: 45469
Ion Ratio Lower Upper
152 100
115 65.8 41.1 123.3
150 156.8 0.0 349.0

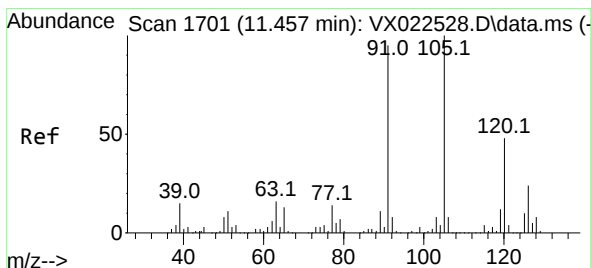
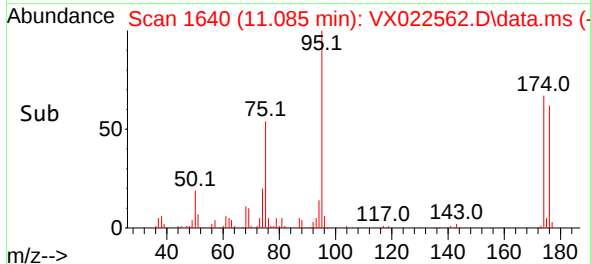
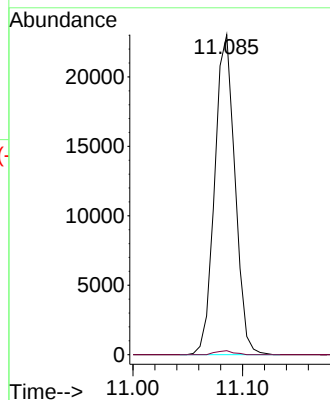
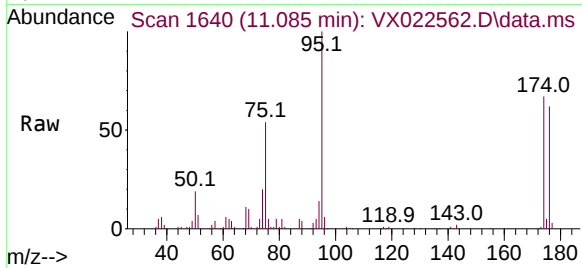




#76
1,2,3-Trichloropropane
Concen: 25.185 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

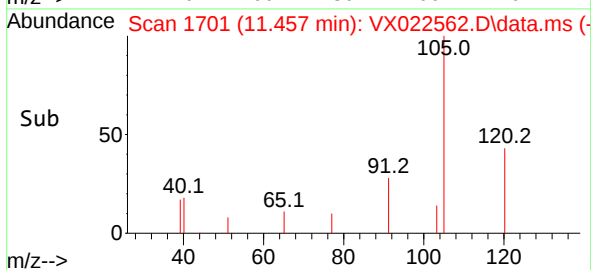
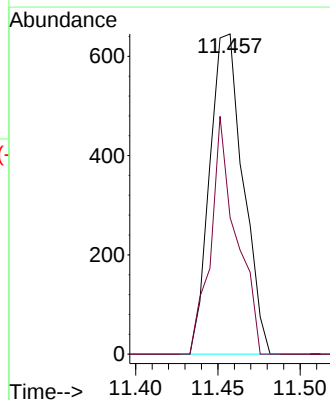
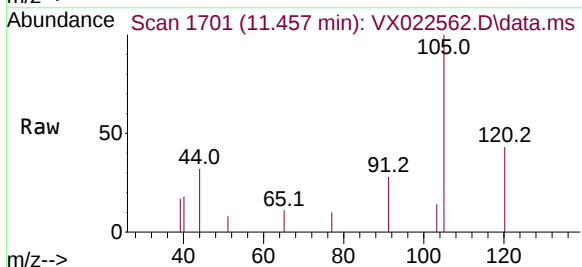
Instrument :
MSVOA_X
ClientSampled :

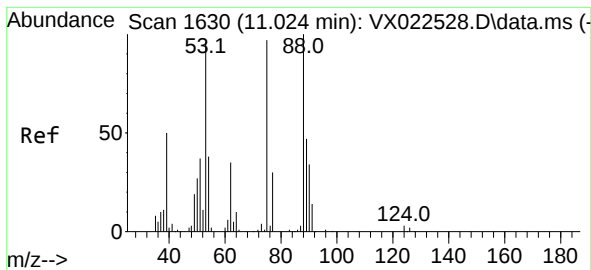
Tgt Ion: 75 Resp: 29666
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.288 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022562.D
Acq: 08 Jun 2021 14:36

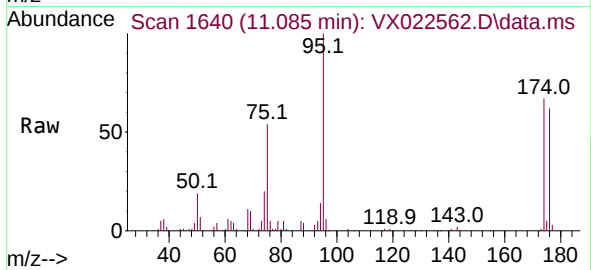
Tgt Ion:105 Resp: 911
Ion Ratio Lower Upper
105 100
120 56.9 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.281 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022562.D
 Acq: 08 Jun 2021 14:36

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 29666
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

