

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022592.D
 Acq On : 09 Jun 2021 03:06
 Operator : JC/MD
 Sample : M2625-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:04:53 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)

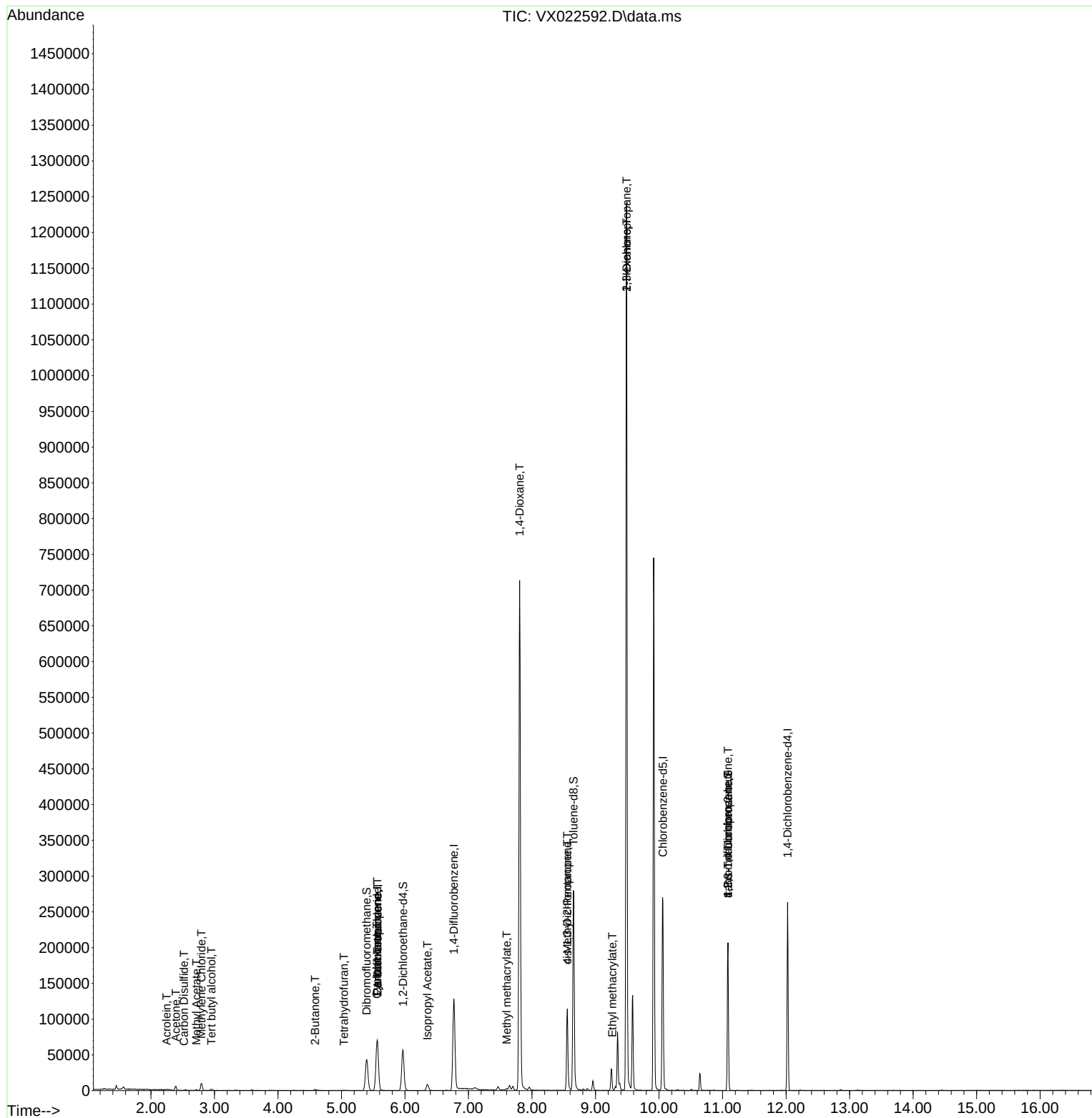
Internal Standards						
1) Pentafluorobenzene	5.562	168	59767	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	116031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	52452	49.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.740%
35) Dibromofluoromethane	5.397	113	36901	47.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.653	98	157669	51.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.040%
62) 4-Bromofluorobenzene	11.085	95	55599	48.406	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.820%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	1192	5.002	ug/l	# 73
13) Acrolein	2.245	56	245	5.247	ug/l	# 80
16) Acetone	2.392	43	6238	13.066	ug/l	99
17) Carbon Disulfide	2.520	76	172	3.469	ug/l	# 75
18) Methyl Acetate	2.715	43	1480	1.124	ug/l	# 76
20) Methylene Chloride	2.794	84	4708	4.723	ug/l	94
25) 2-Butanone	4.586	43	1332	1.688	ug/l	# 80
29) Tetrahydrofuran	5.038	42	238	0.514	ug/l	# 54
31) Cyclohexane	5.556	56	1906	1.516	ug/l	# 49
36) 1,1-Dichloropropene	5.568	75	6380	5.328	ug/l	# 44
38) Carbon Tetrachloride	5.562	117	7225	8.305	ug/l	# 15
43) Isopropyl Acetate	6.354	43	11806	4.738	ug/l	92
48) Methyl methacrylate	7.604	41	3544	3.057	ug/l	# 10
49) 1,4-Dioxane	7.805	88	49	2.090	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	39528	25.466	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	17966	13.017	ug/l	# 67
56) Ethyl methacrylate	9.262	69	50	2.729	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10560	6.460	ug/l	# 42
59) 2-Hexanone	9.488	43	144387	121.767	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	30272	25.630	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	30272	63.277	ug/l	# 12

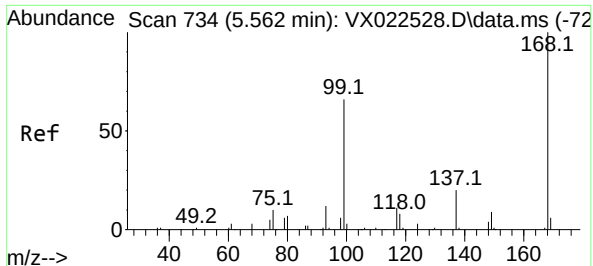
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jun 09 04:04:53 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

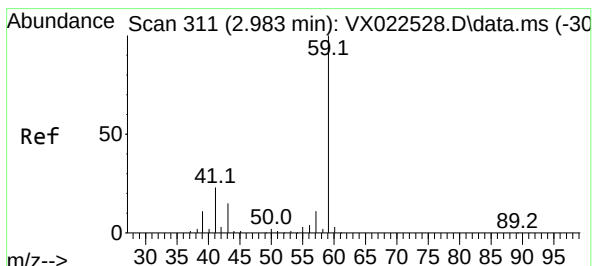
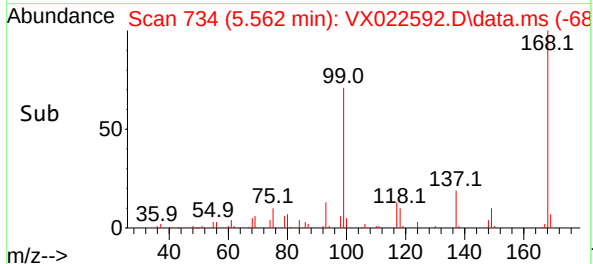
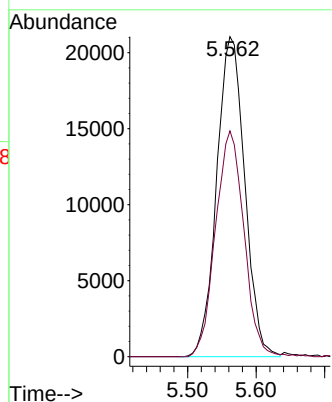
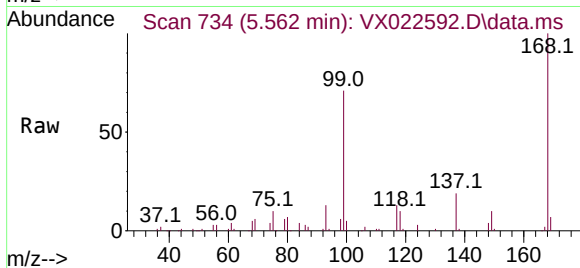




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

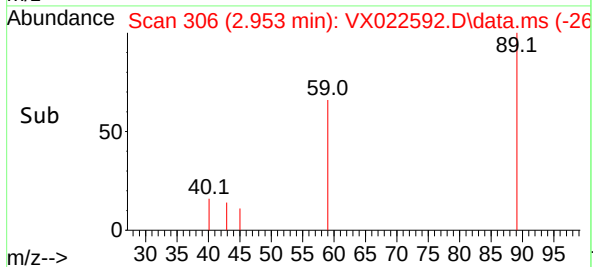
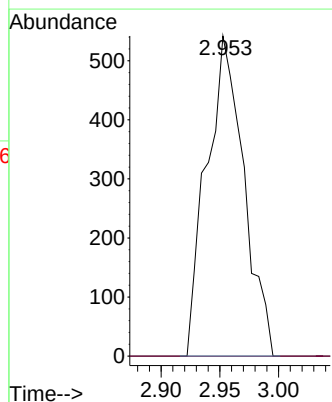
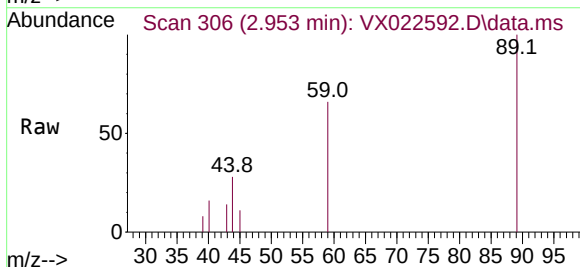
Instrument :
MSVOA_X
ClientSampled :

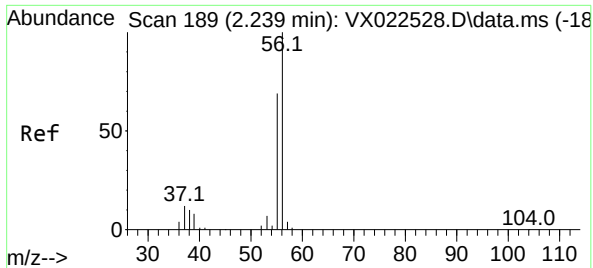
Tgt Ion:168 Resp: 59767
Ion Ratio Lower Upper
168 100
99 70.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 5.002 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Tgt Ion: 59 Resp: 1192
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

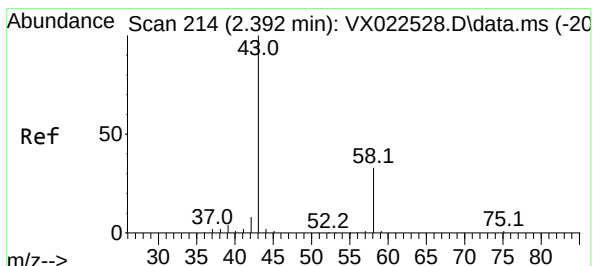
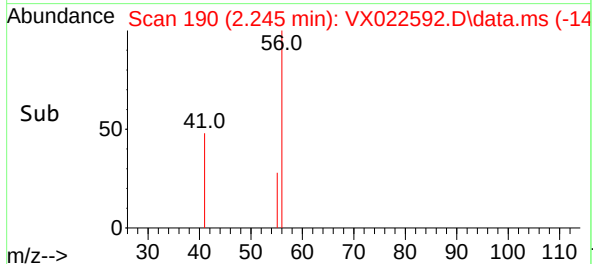
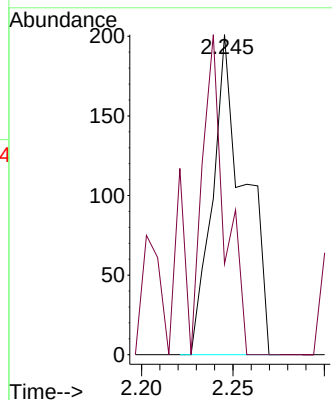
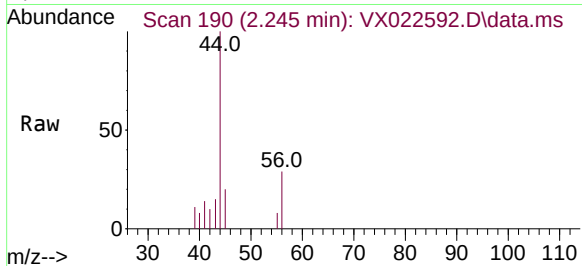




#13
Acrolein
Concen: 5.247 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

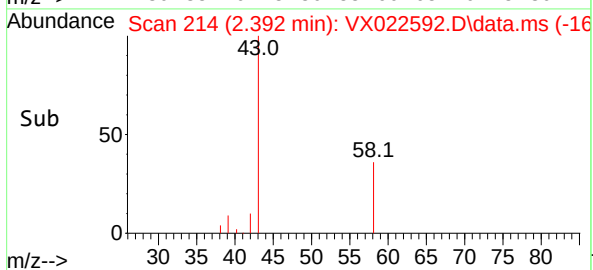
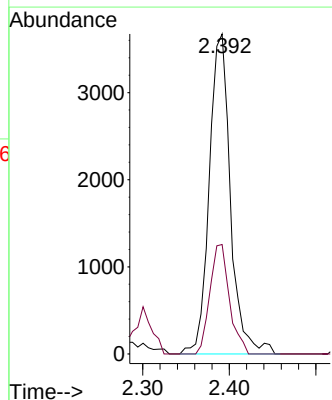
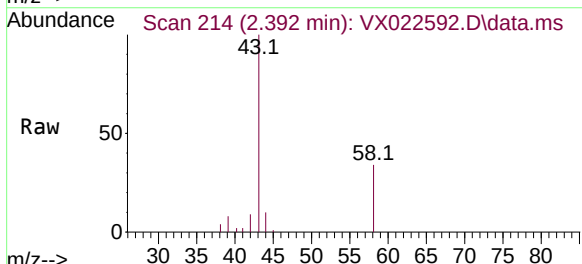
Instrument :
MSVOA_X
ClientSampled :

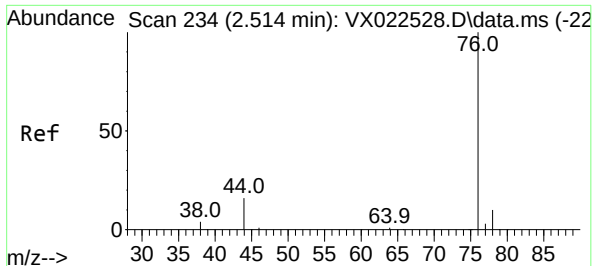
Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 87.3 56.4 84.6#



#16
Acetone
Concen: 13.066 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Tgt Ion: 43 Resp: 6238
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8

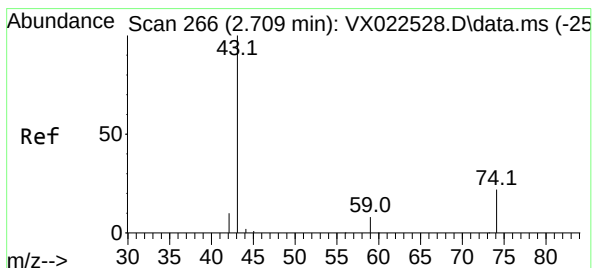
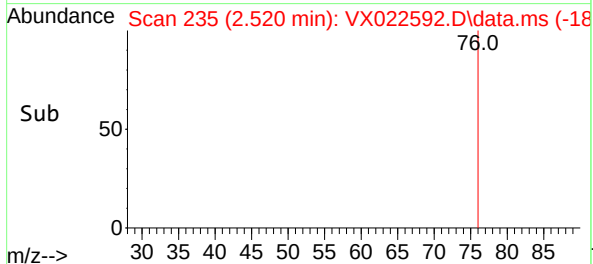
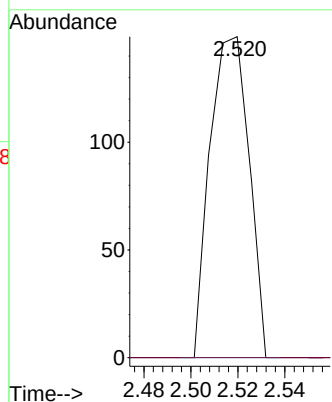
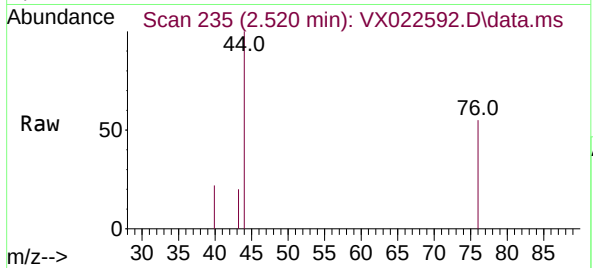




#17
Carbon Disulfide
Concen: 3.469 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

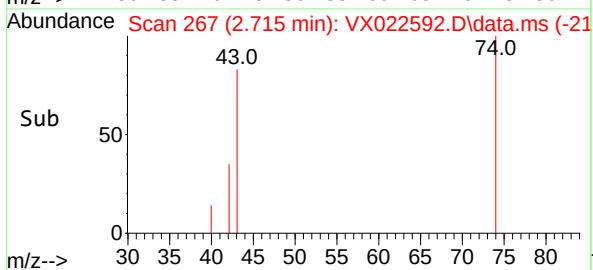
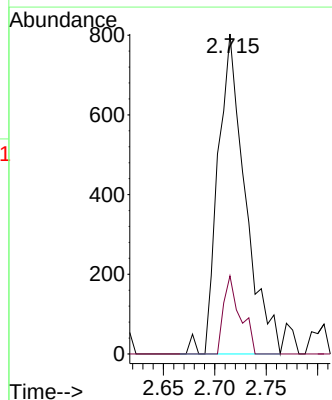
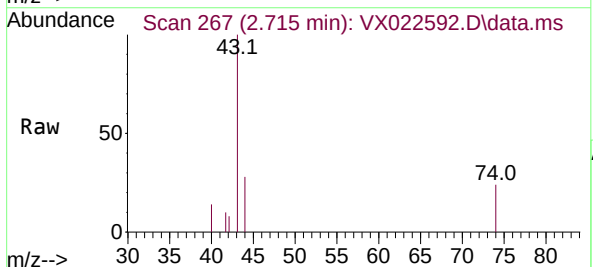
Instrument :
MSVOA_X
ClientSampled :

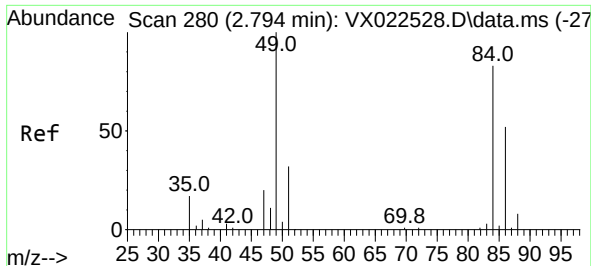
Tgt Ion: 76 Resp: 172
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.124 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
74 14.9 21.9 32.9#





#20

Methylene Chloride

Concen: 4.723 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022592.D

Acq: 09 Jun 2021 03:06

Tgt Ion: 84 Resp: 4708

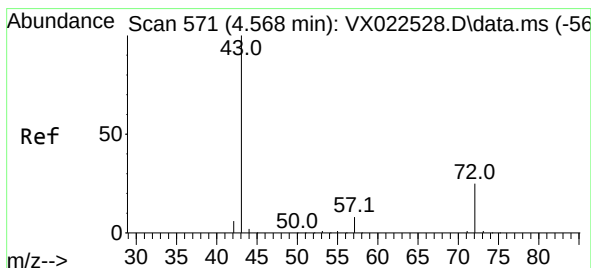
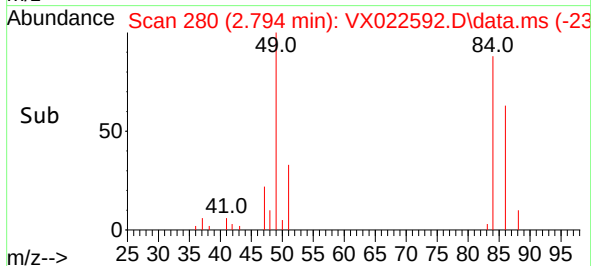
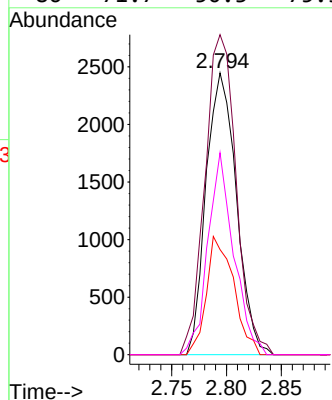
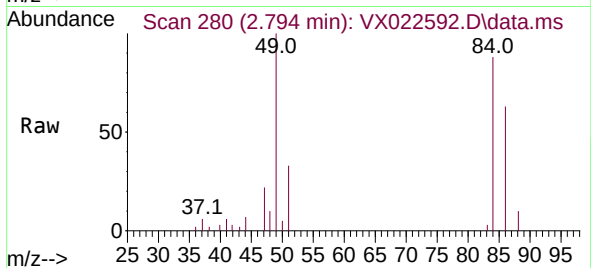
Ion Ratio Lower Upper

84 100

49 113.6 88.6 132.8

51 37.3 27.0 40.6

86 71.7 50.3 75.5



#25

2-Butanone

Concen: 1.688 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX022592.D

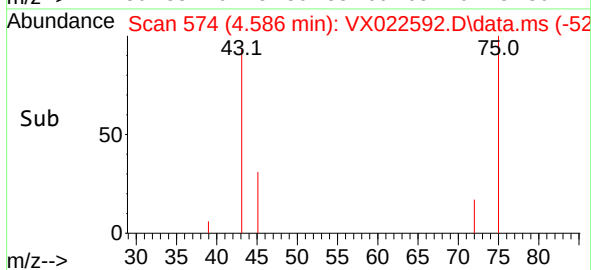
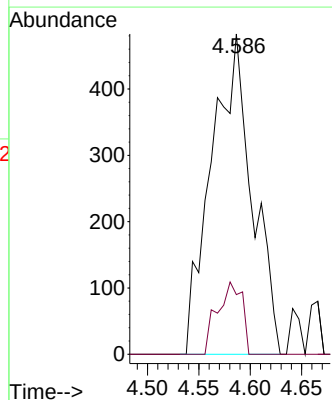
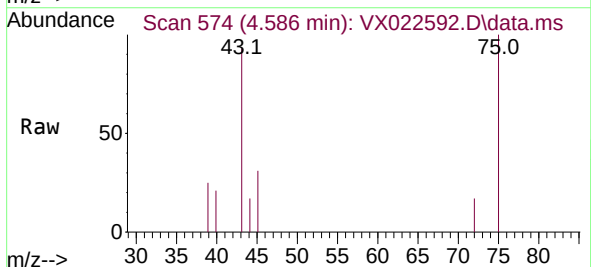
Acq: 09 Jun 2021 03:06

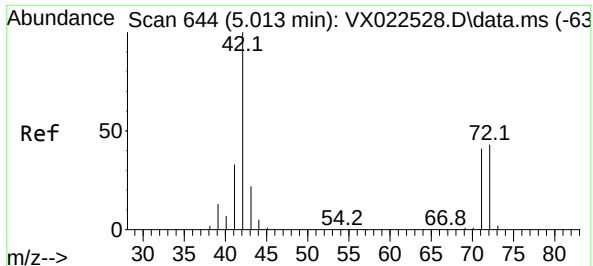
Tgt Ion: 43 Resp: 1332

Ion Ratio Lower Upper

43 100

72 18.6 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.514 ug/l

RT: 5.038 min Scan# 648

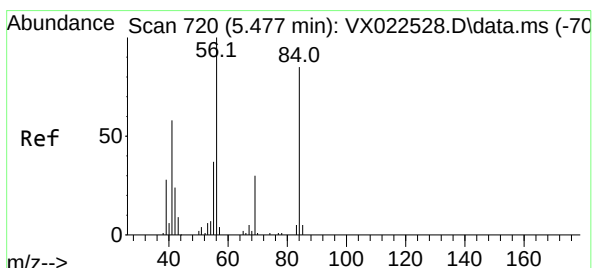
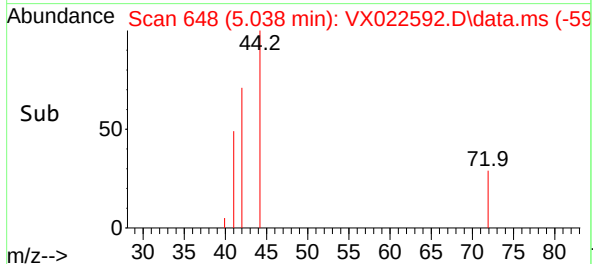
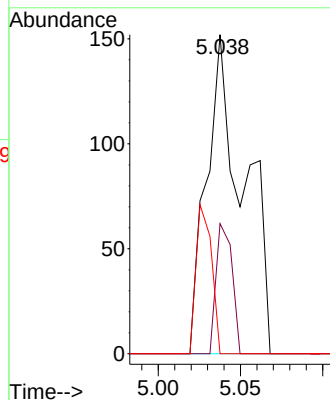
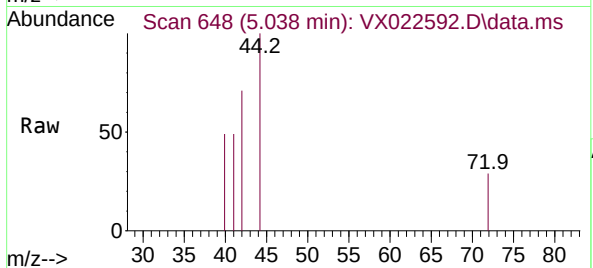
Delta R.T. 0.025 min

Lab File: VX022592.D

Acq: 09 Jun 2021 03:06

Tgt Ion:	42	Resp:	238
Ion	Ratio	Lower	Upper
42	100		
72	17.6	41.7	62.5#
71	19.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.516 ug/l

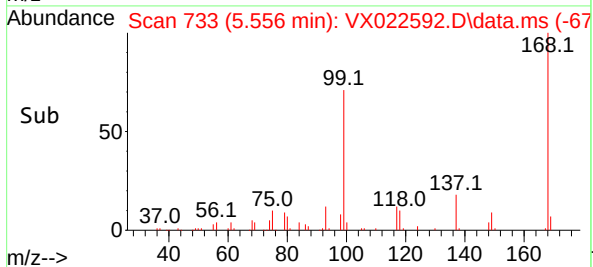
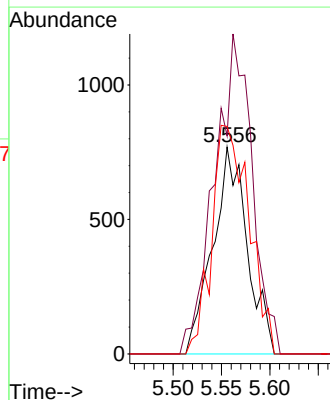
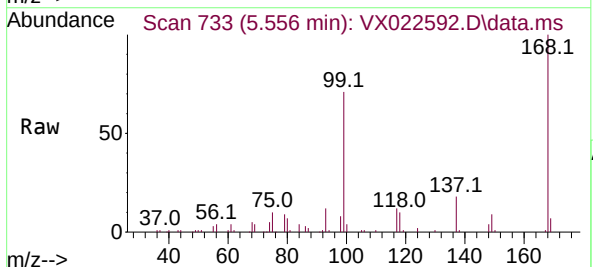
RT: 5.556 min Scan# 733

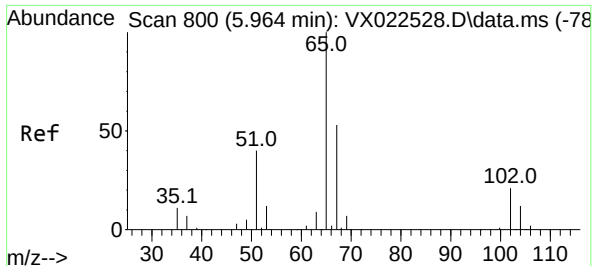
Delta R.T. 0.079 min

Lab File: VX022592.D

Acq: 09 Jun 2021 03:06

Tgt Ion:	56	Resp:	1906
Ion	Ratio	Lower	Upper
56	100		
69	105.5	25.3	37.9#
84	110.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.367 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022592.D

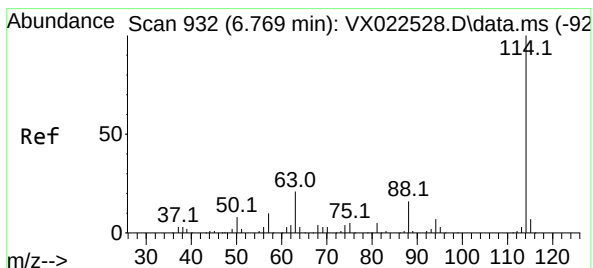
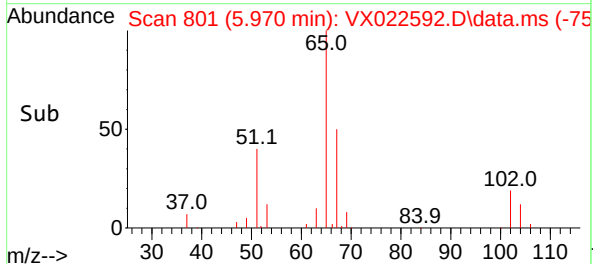
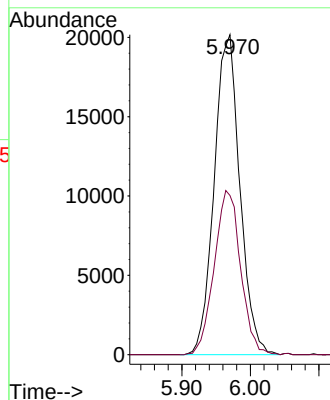
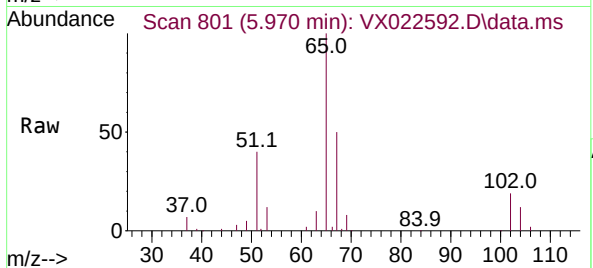
Acq: 09 Jun 2021 03:06

Tgt Ion: 65 Resp: 52452

Ion Ratio Lower Upper

65 100

67 52.7 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: VX022592.D

Acq: 09 Jun 2021 03:06

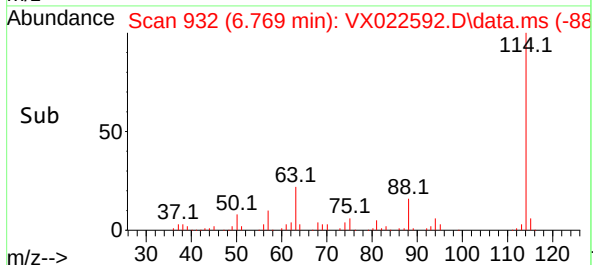
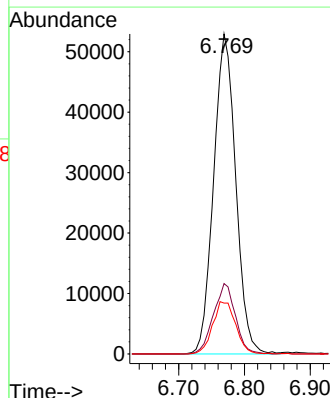
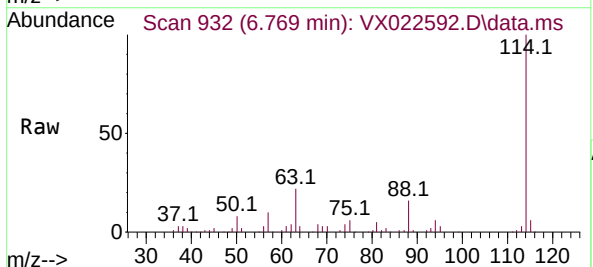
Tgt Ion: 114 Resp: 123783

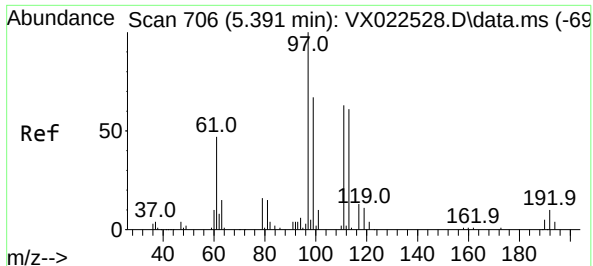
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.647 ug/l

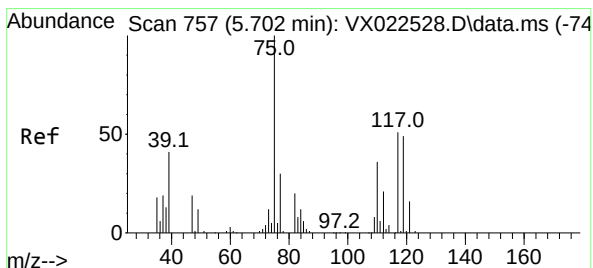
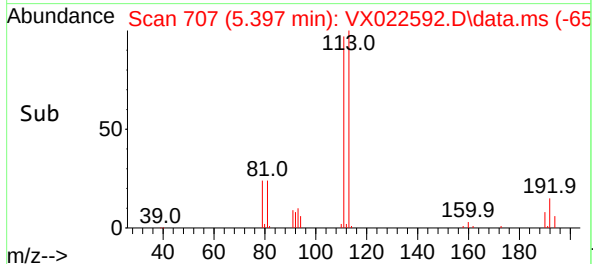
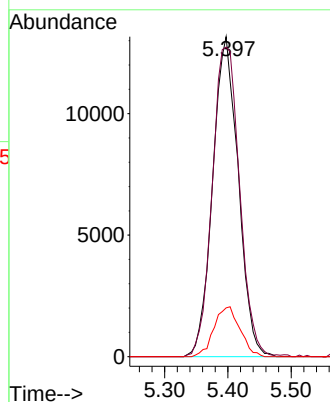
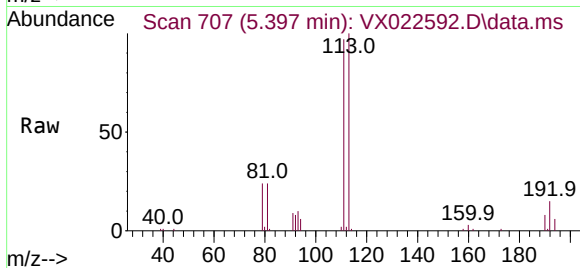
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022592.D

Acq: 09 Jun 2021 03:06

Tgt Ion:	113	Resp:	36901
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	15.9	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.328 ug/l

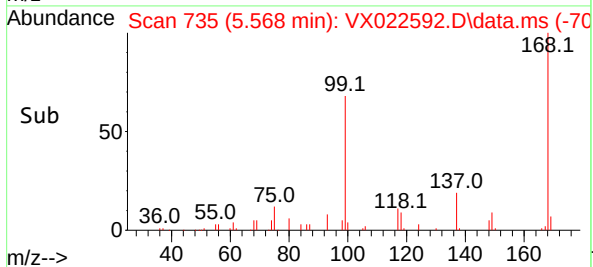
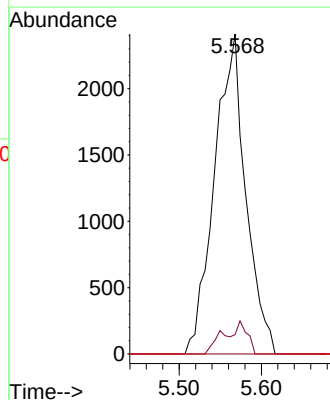
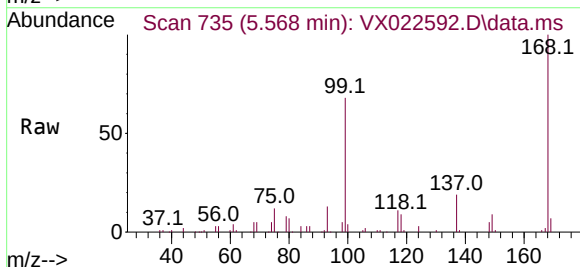
RT: 5.568 min Scan# 735

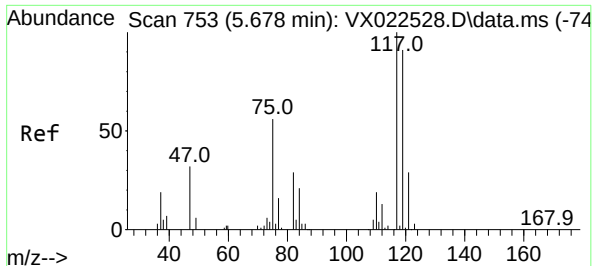
Delta R.T. -0.134 min

Lab File: VX022592.D

Acq: 09 Jun 2021 03:06

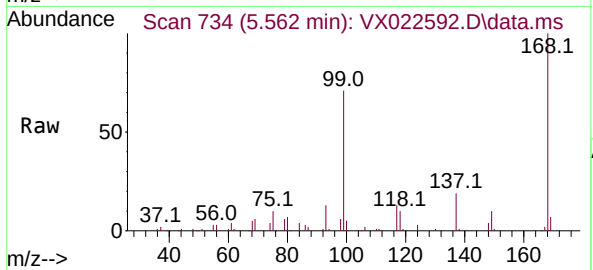
Tgt Ion:	75	Resp:	6380
Ion	Ratio	Lower	Upper
75	100		
110	4.0	18.1	54.4#
77	0.0	25.3	37.9#



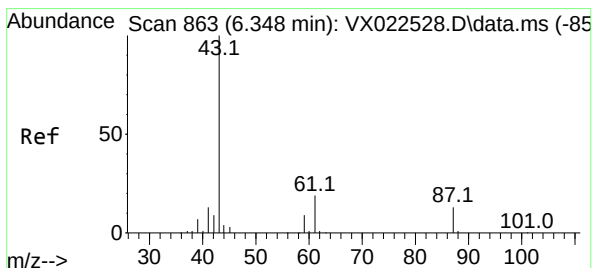
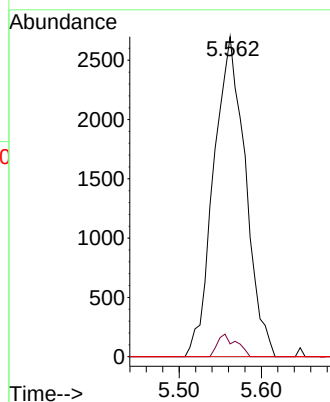
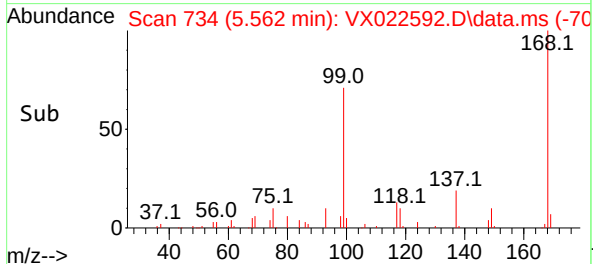


#38
Carbon Tetrachloride
Concen: 8.305 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

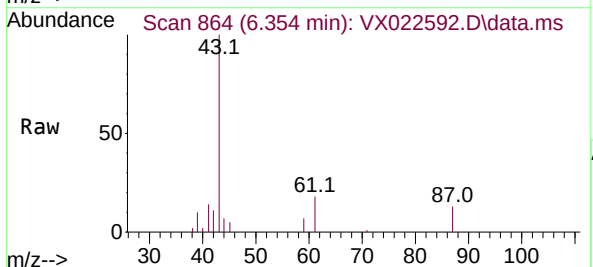
Instrument :
MSVOA_X
ClientSampled :



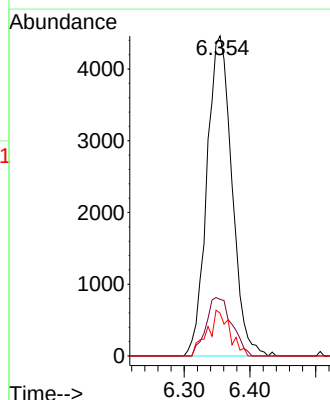
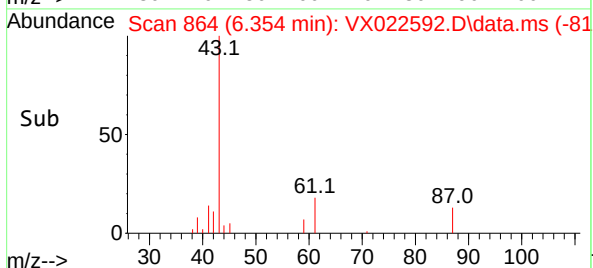
Tgt Ion:117 Resp: 7225
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

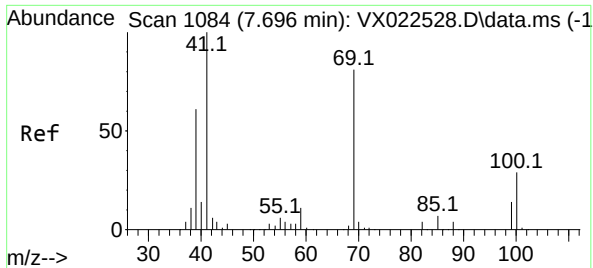


#43
Isopropyl Acetate
Concen: 4.738 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06



Tgt Ion: 43 Resp: 11806
Ion Ratio Lower Upper
43 100
61 18.8 18.2 27.4
87 12.7 12.5 18.7

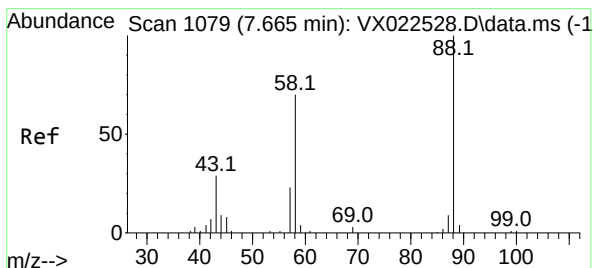
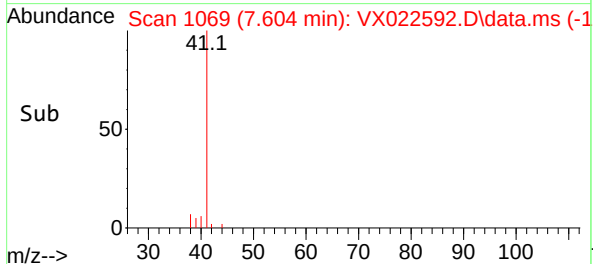
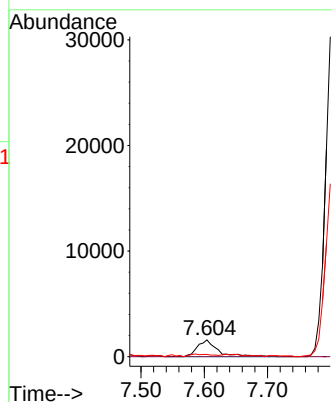
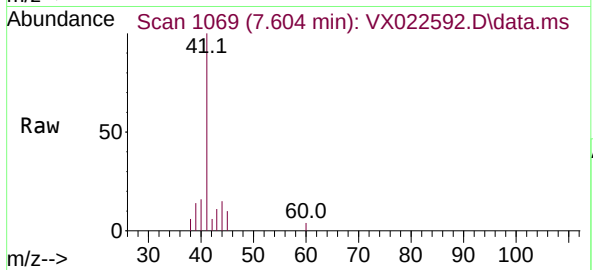




#48
Methyl methacrylate
Concen: 3.057 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

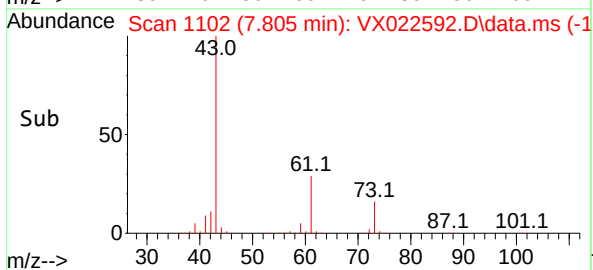
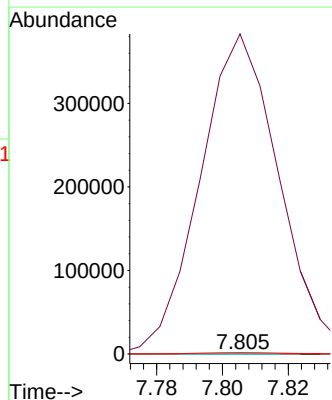
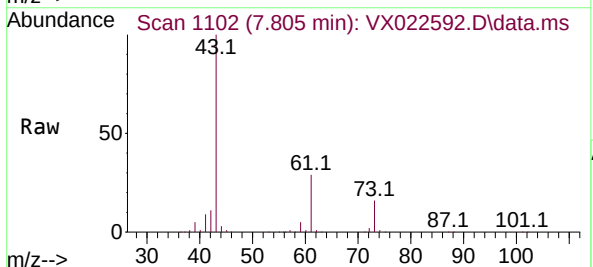
Instrument :
MSVOA_X
ClientSampled :

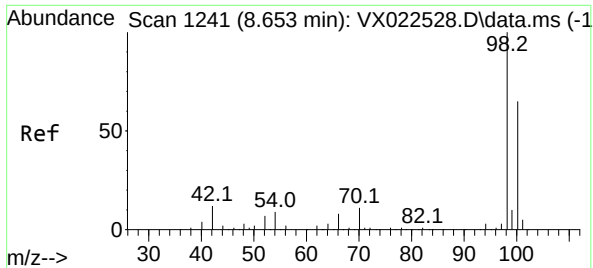
Tgt Ion: 41 Resp: 3544
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.090 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 1325202.0 23.2 34.8#
58 5773.5 55.0 82.4#

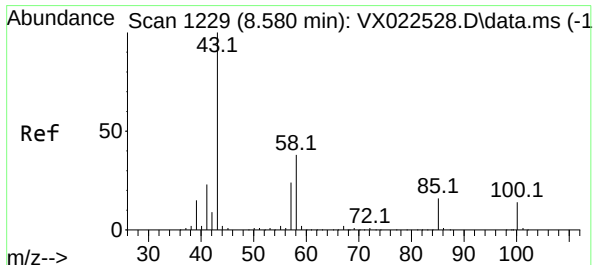
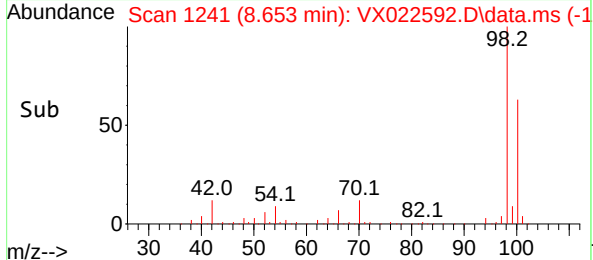
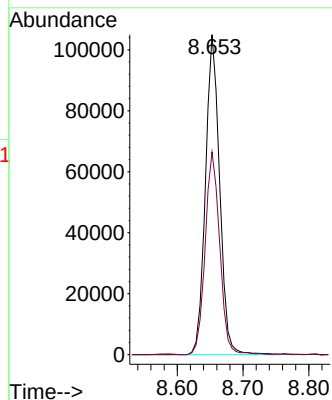
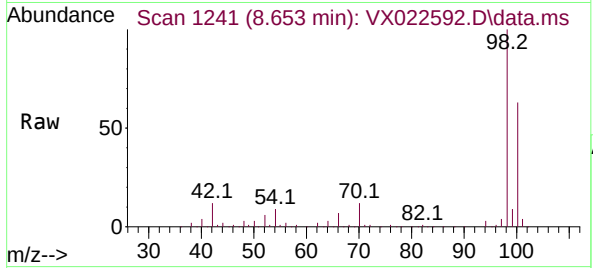




#50
Toluene-d8
Concen: 51.023 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

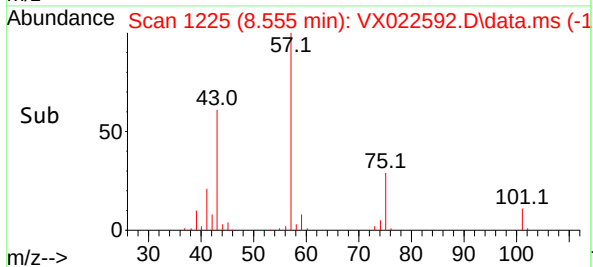
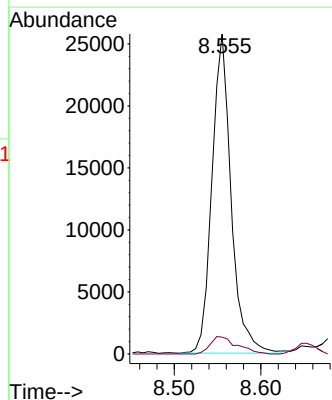
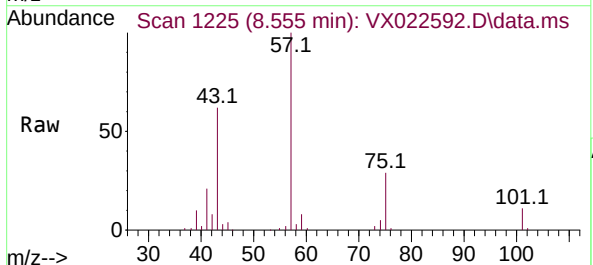
Instrument :
MSVOA_X
ClientSampled :

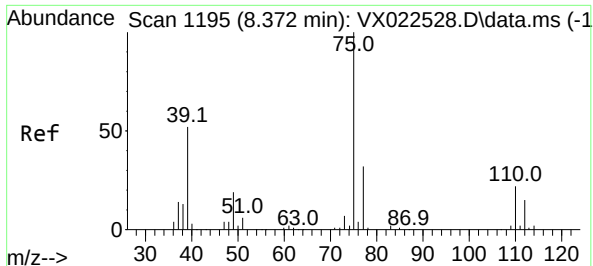
Tgt Ion: 98 Resp: 157669
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.466 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Tgt Ion: 43 Resp: 39528
Ion Ratio Lower Upper
43 100
58 7.6 35.4 53.0#

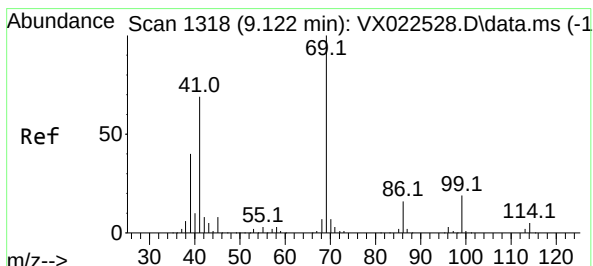
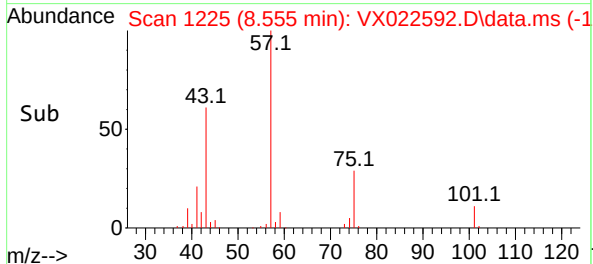
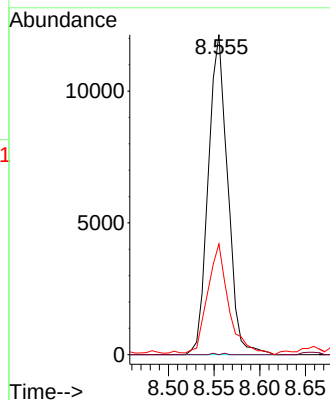
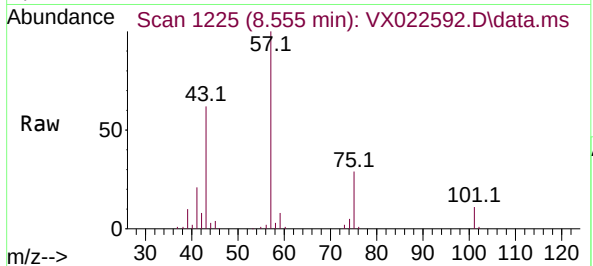




#54
 cis-1,3-Dichloropropene
 Concen: 13.017 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX022592.D
 Acq: 09 Jun 2021 03:06

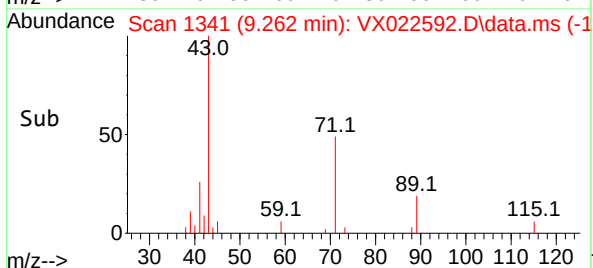
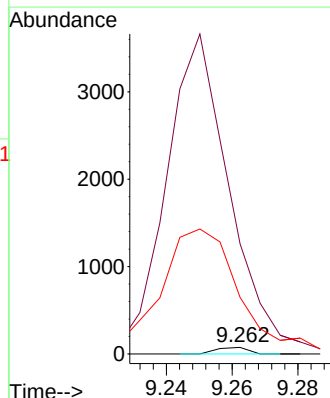
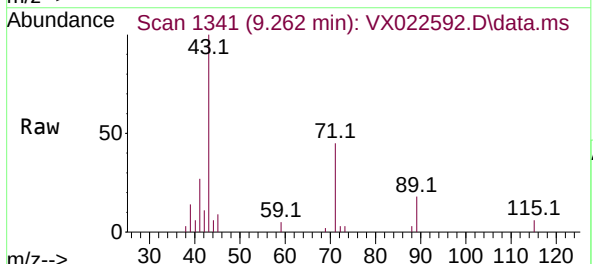
Instrument :
 MSVOA_X
 ClientSampled :

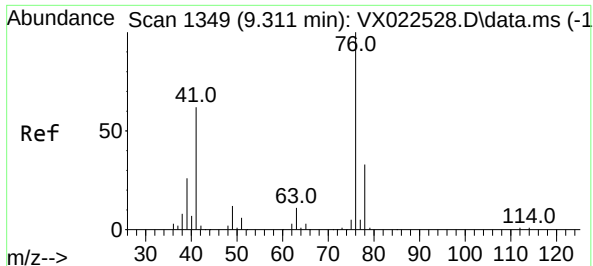
Tgt Ion: 75 Resp: 17966
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 34.0 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.729 ug/l
 RT: 9.262 min Scan# 1341
 Delta R.T. 0.140 min
 Lab File: VX022592.D
 Acq: 09 Jun 2021 03:06

Tgt Ion: 69 Resp: 50
 Ion Ratio Lower Upper
 69 100
 41 9876.0 46.8 70.2#
 39 4854.0 24.7 37.1#



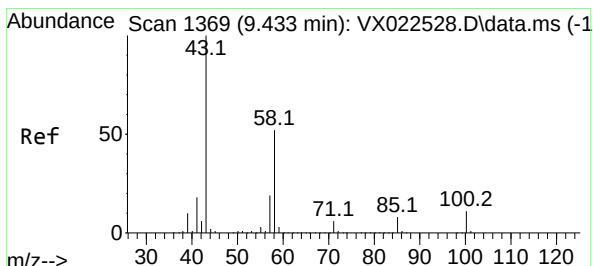
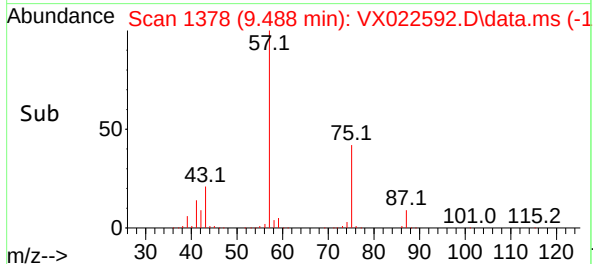
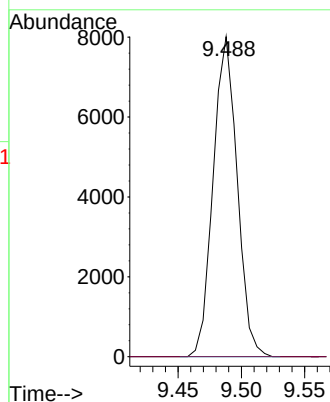
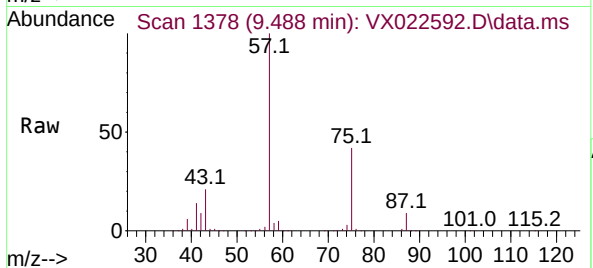


#57

1,3-Dichloropropane
Concen: 6.460 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Instrument :
MSVOA_X
ClientSampled :

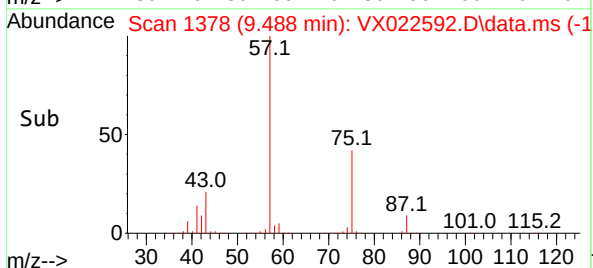
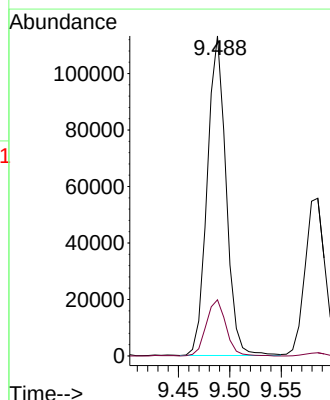
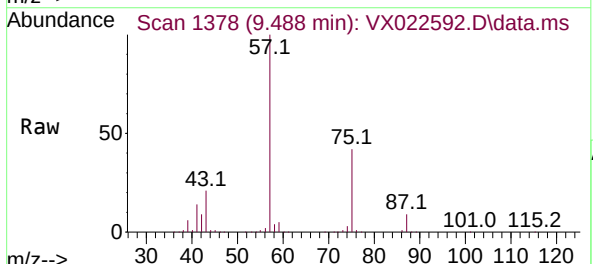
Tgt Ion: 76 Resp: 10560
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

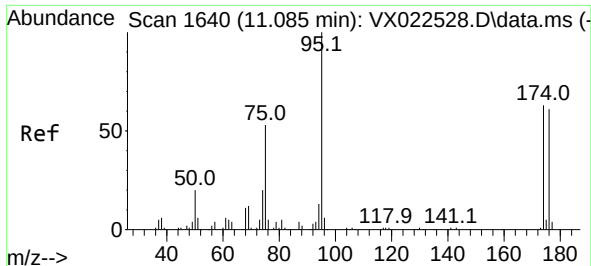


#59

2-Hexanone
Concen: 121.767 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Tgt Ion: 43 Resp: 144387
Ion Ratio Lower Upper
43 100
58 18.5 30.9 92.8#

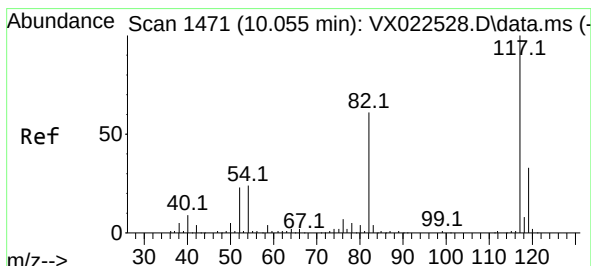
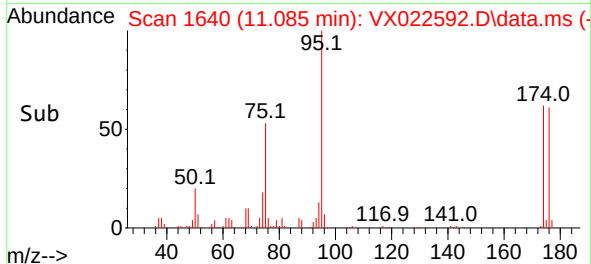
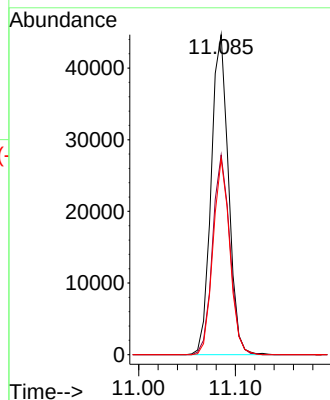
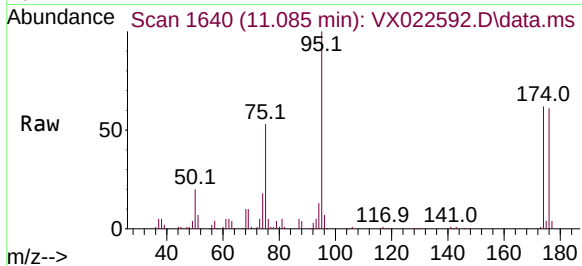




#62
4-Bromofluorobenzene
Concen: 48.406 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

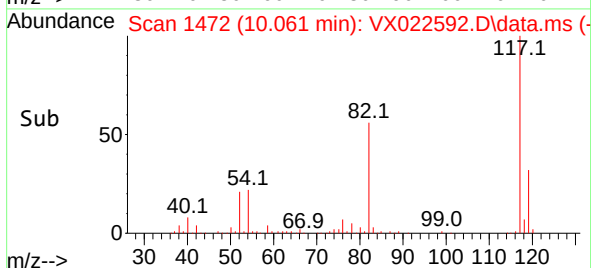
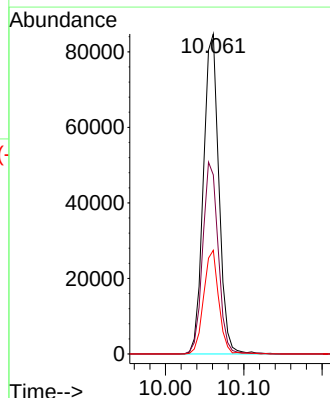
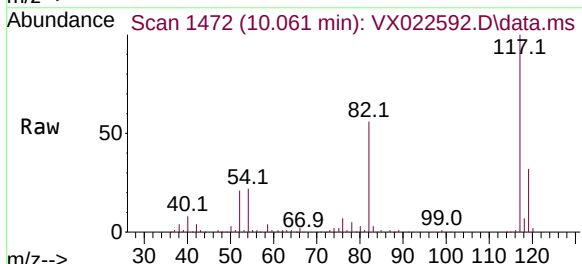
Instrument :
MSVOA_X
ClientSampleId :

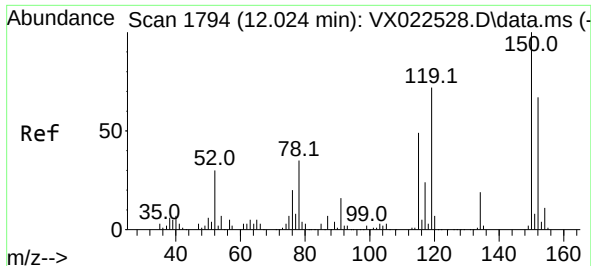
Tgt Ion: 95 Resp: 55599
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

Tgt Ion: 117 Resp: 116031
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.4 26.6 39.8

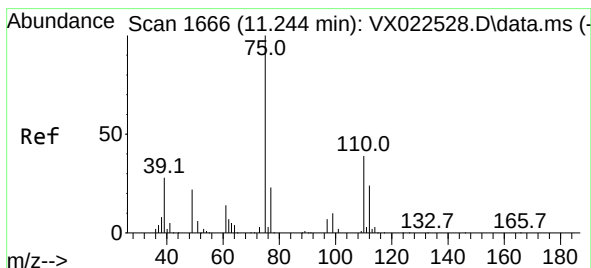
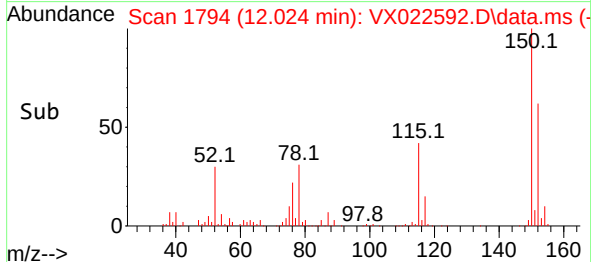
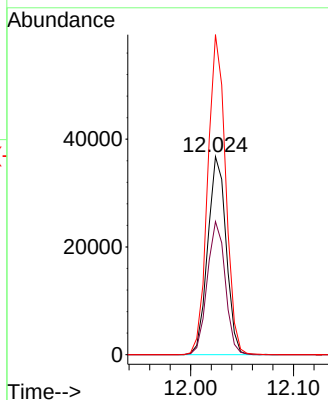
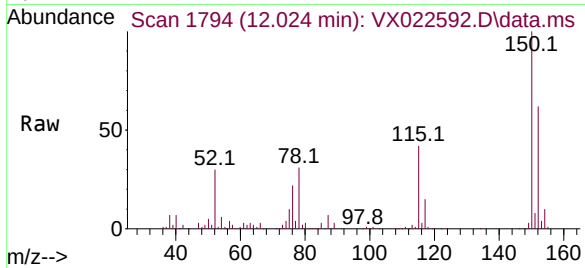




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

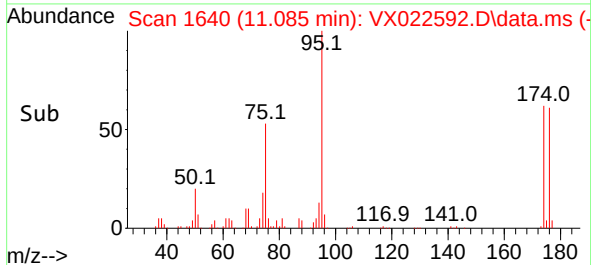
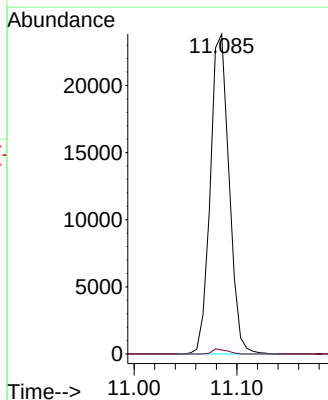
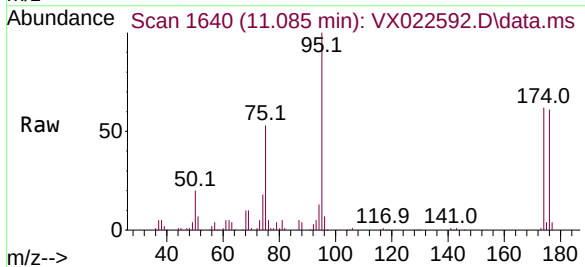
Instrument :
MSVOA_X
ClientSampled :

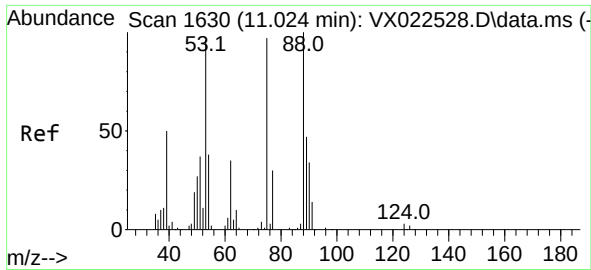
Tgt Ion:152 Resp: 45593
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 157.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.630 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022592.D
Acq: 09 Jun 2021 03:06

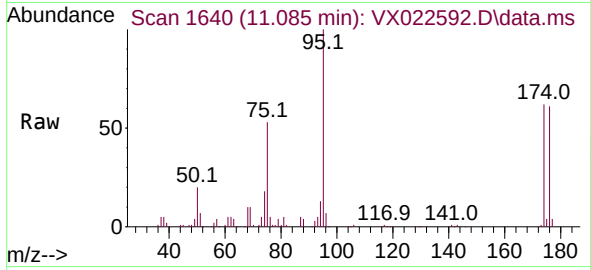
Tgt Ion: 75 Resp: 30272
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.277 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022592.D
 Acq: 09 Jun 2021 03:06

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30272
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

