

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022961.D
 Acq On : 26 Jun 2021 07:21
 Operator : JC/MD
 Sample : M2824-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ABN-1

Quant Time: Jun 26 08:16:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

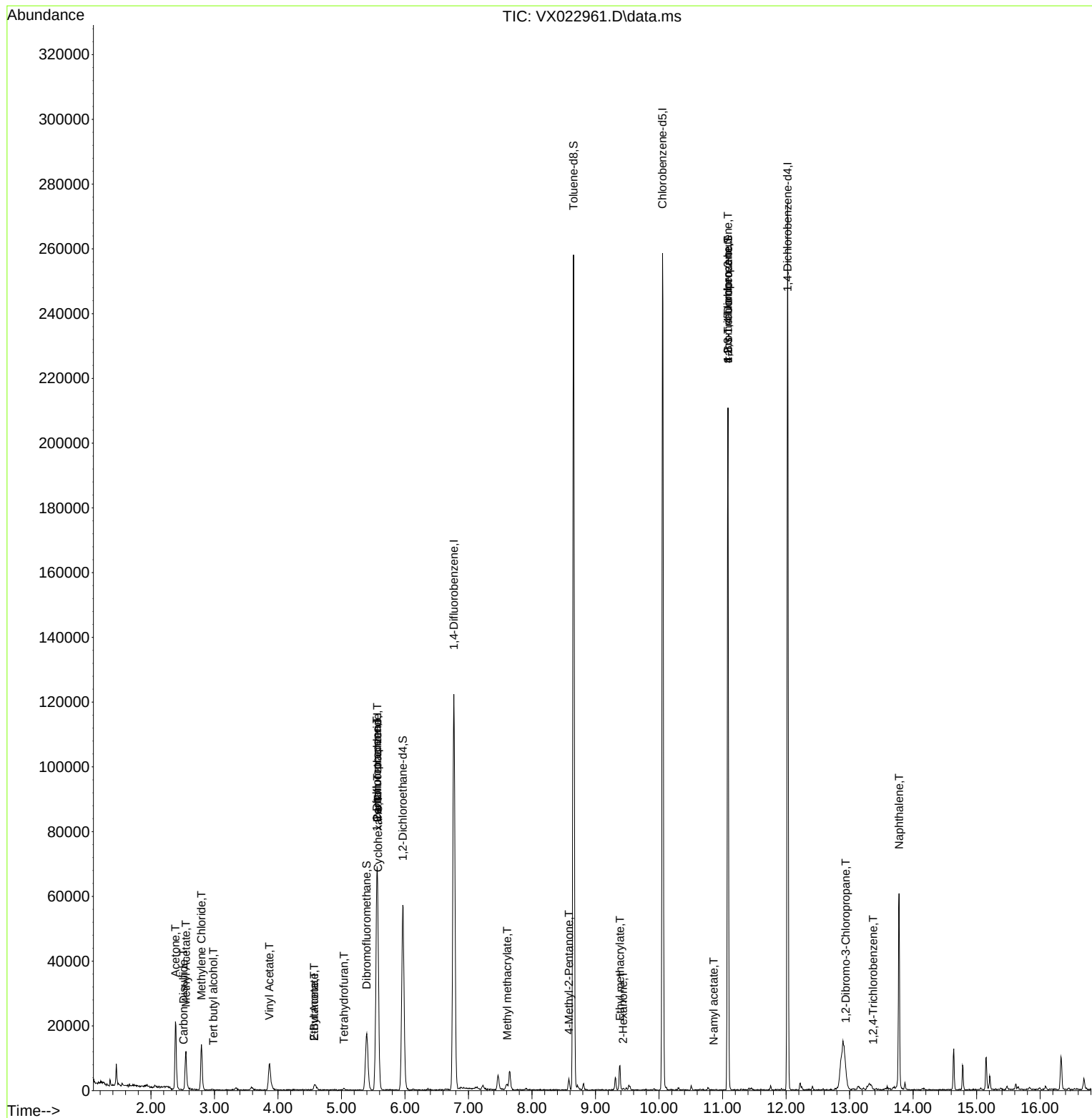
Internal Standards						
1) Pentafluorobenzene	5.562	168	55733	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52666	52.07	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.14%	
35) Dibromofluoromethane	5.397	113	14960	20.45	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 40.90%#	
50) Toluene-d8	8.653	98	143185	49.94	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.88%	
62) 4-Bromofluorobenzene	11.085	95	54720	51.14	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.28%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	133	0.63	ug/l	# 73
16) Acetone	2.386	43	22136	49.37	ug/l	# 85
17) Carbon Disulfide	2.514	76	166	3.59	ug/l	# 75
18) Methyl Acetate	2.550	43	3922	3.55	ug/l	# 47
20) Methylene Chloride	2.794	84	5421	6.42	ug/l	# 85
23) Vinyl Acetate	3.861	43	1359	0.57	ug/l	# 68
25) 2-Butanone	4.568	43	2308	3.31	ug/l	# 78
29) Tetrahydrofuran	5.038	42	247	0.55	ug/l	# 48
31) Cyclohexane	5.574	56	1905	1.33	ug/l	# 33
36) 1,1-Dichloropropene	5.556	75	5744	4.69	ug/l	# 49
37) Ethyl Acetate	4.568	43	2308	1.63	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	6848	6.67	ug/l	# 17
48) Methyl methacrylate	7.610	41	3031	2.87	ug/l	# 24
51) 4-Methyl-2-Pentanone	8.580	43	2144	1.51	ug/l	91
56) Ethyl methacrylate	9.384	69	56	2.61	ug/l	# 1
59) 2-Hexanone	9.433	43	438	0.41	ug/l	60
74) N-amyl acetate	10.860	43	61	2.08	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	31966	26.25	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	31966	68.19	ug/l	# 12
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23	4.04	ug/l	# 1
93) 1,2,4-Trichlorobenzene	13.371	180	231	0.27	ug/l	# 12
95) Naphthalene	13.780	128	37100	11.42	ug/l	99

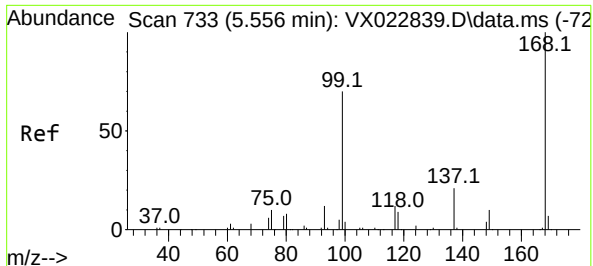
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
ABN-1

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Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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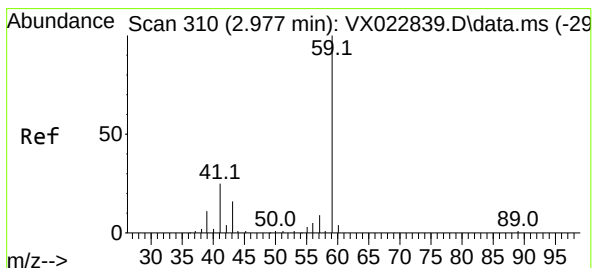
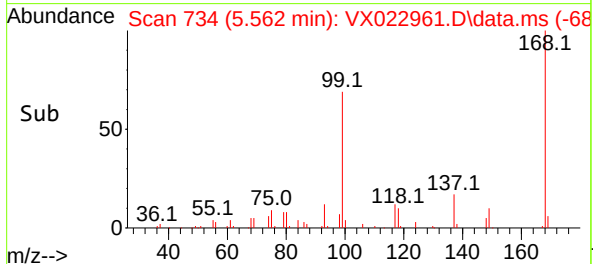
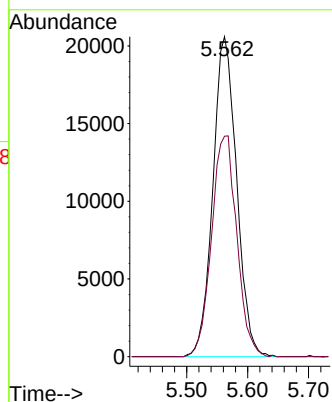
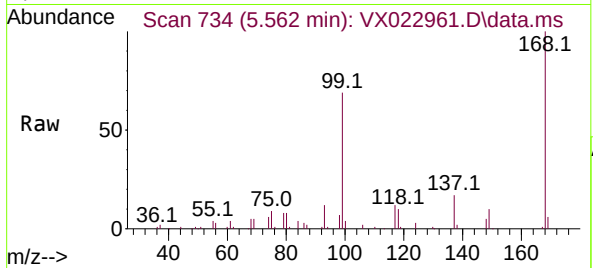




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

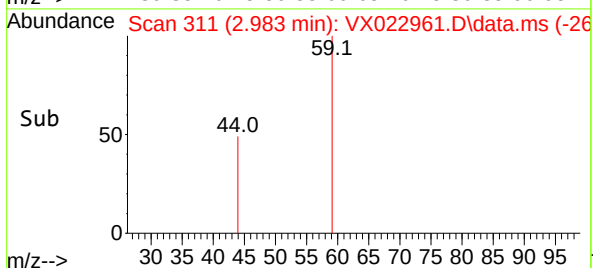
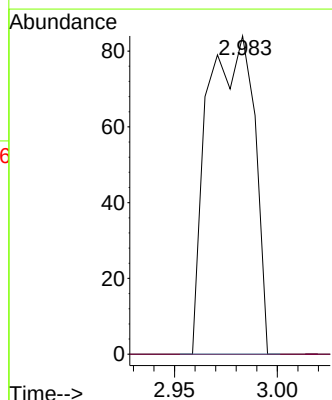
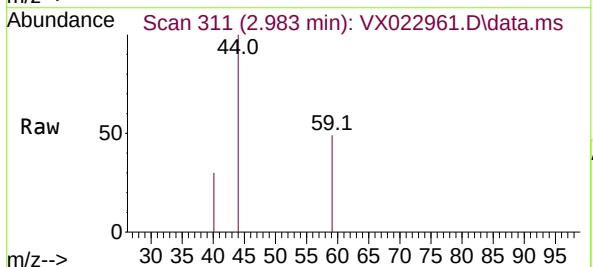
Instrument :
MSVOA_X
ClientSampleId :
ABN-1

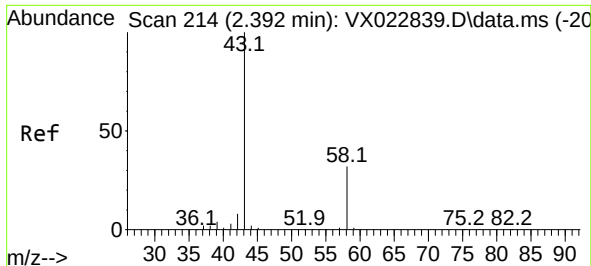
Tgt Ion:168 Resp: 55733
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.63 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

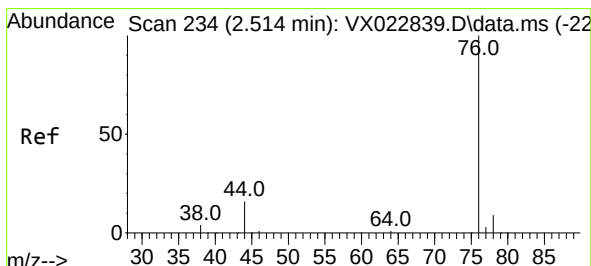
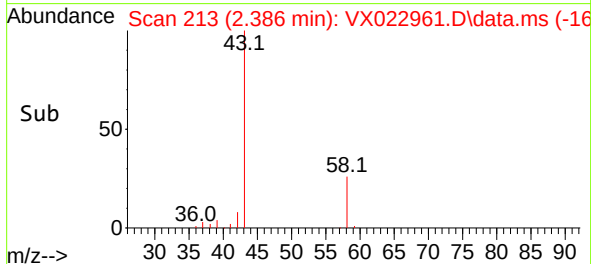
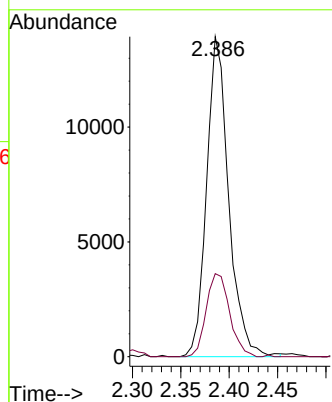
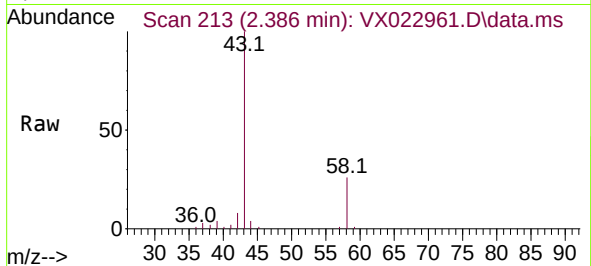




#16
Acetone
Concen: 49.37 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

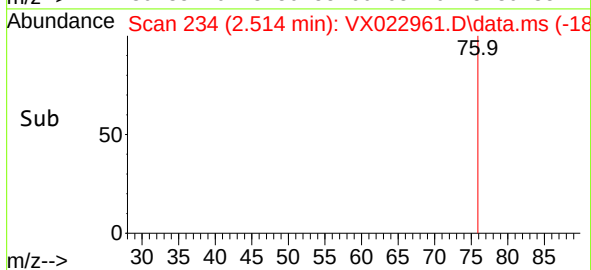
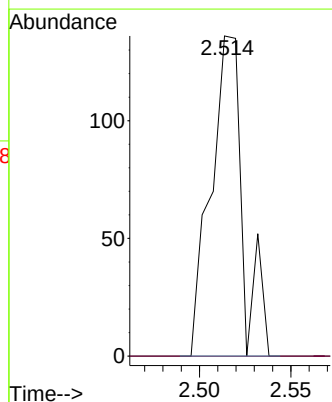
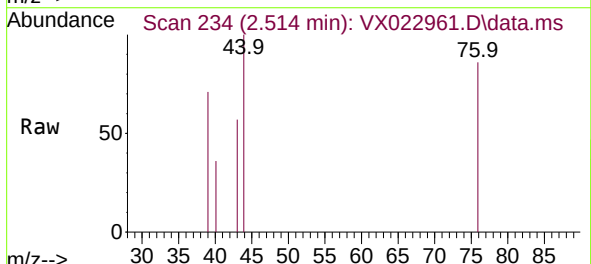
Instrument :
MSVOA_X
ClientSampled :
ABN-1

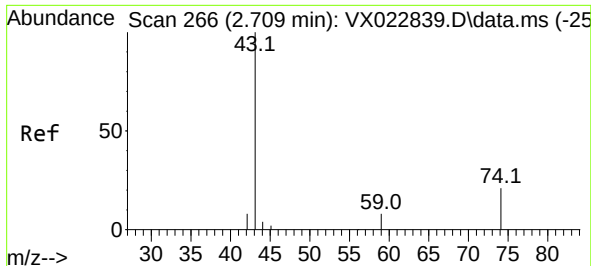
Tgt Ion: 43 Resp: 22136
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.59 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 76 Resp: 166
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

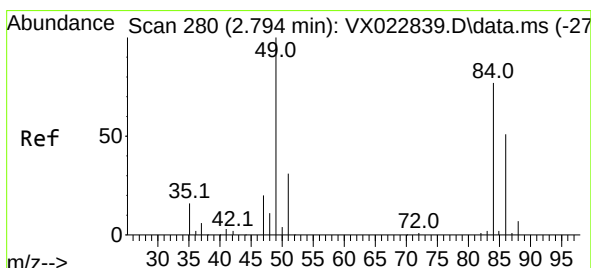
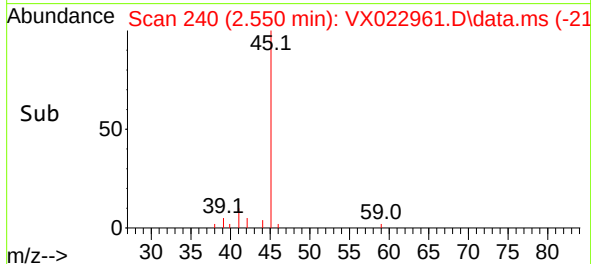
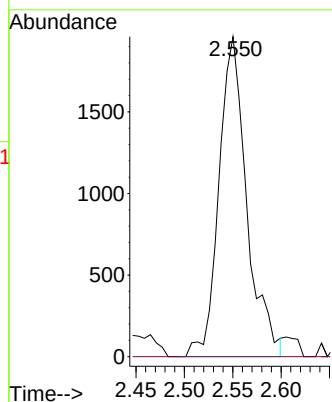
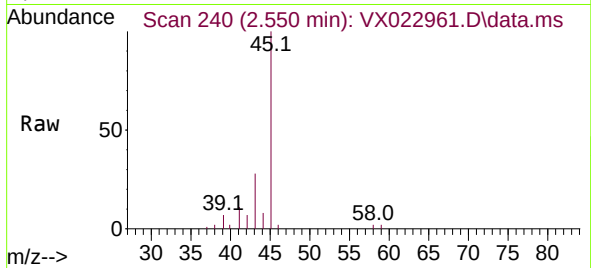




#18
Methyl Acetate
Concen: 3.55 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

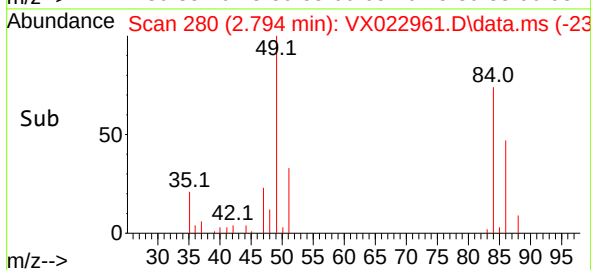
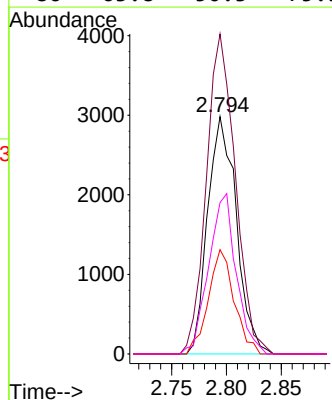
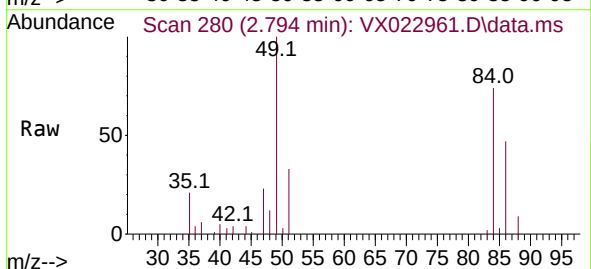
Instrument :
MSVOA_X
ClientSampled :
ABN-1

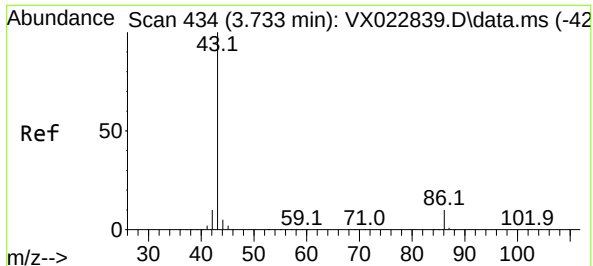
Tgt Ion: 43 Resp: 3922
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 6.42 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 84 Resp: 5421
Ion Ratio Lower Upper
84 100
49 134.9 88.6 132.8#
51 44.0 27.0 40.6#
86 63.8 50.3 75.5

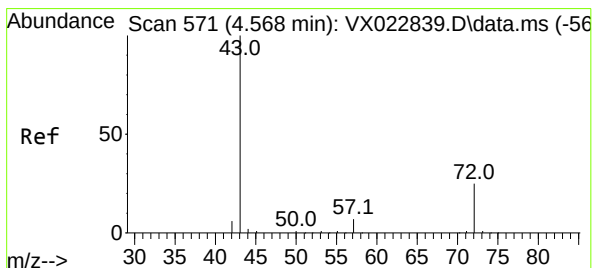
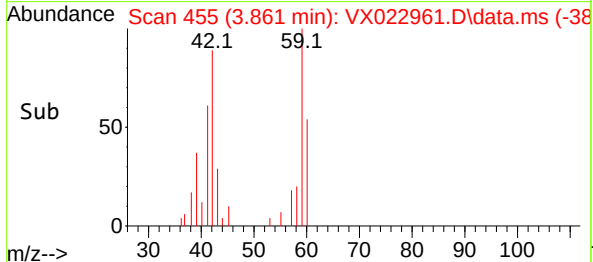
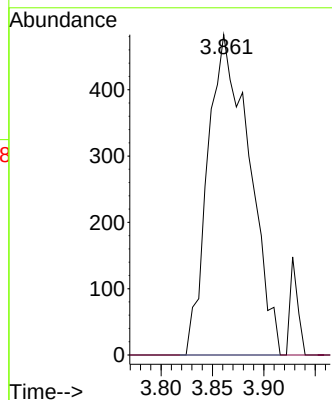
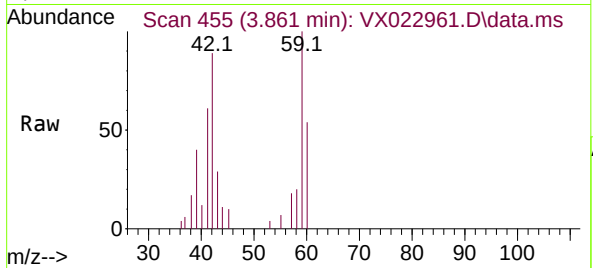




#23
 Vinyl Acetate
 Concen: 0.57 ug/l
 RT: 3.861 min Scan# 455
 Delta R.T. 0.128 min
 Lab File: VX022961.D
 Acq: 26 Jun 2021 07:21

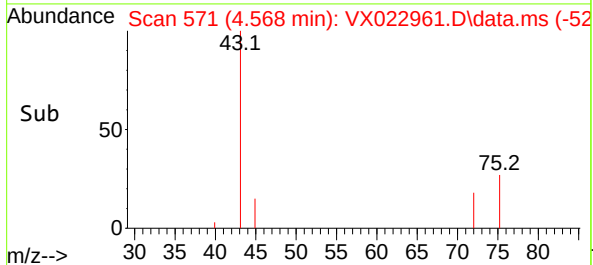
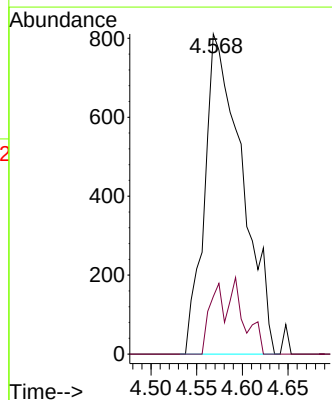
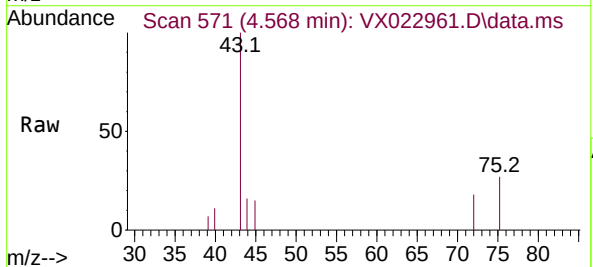
Instrument :
 MSVOA_X
 ClientSampleId :
 ABN-1

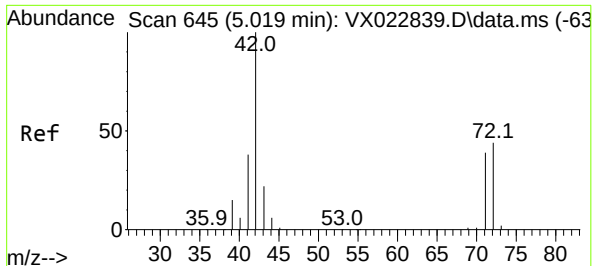
Tgt Ion: 43 Resp: 1359
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 3.31 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VX022961.D
 Acq: 26 Jun 2021 07:21

Tgt Ion: 43 Resp: 2308
 Ion Ratio Lower Upper
 43 100
 72 18.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.55 ug/l

RT: 5.038 min Scan# 648

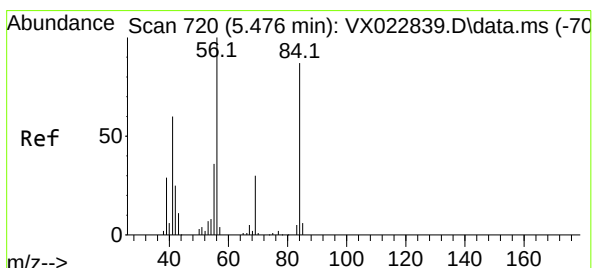
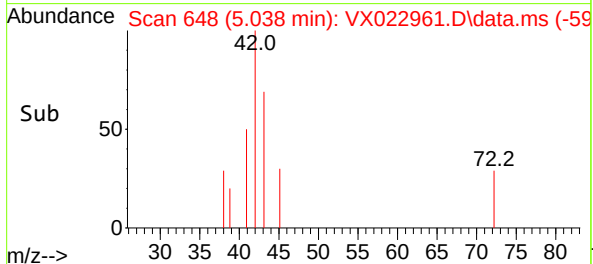
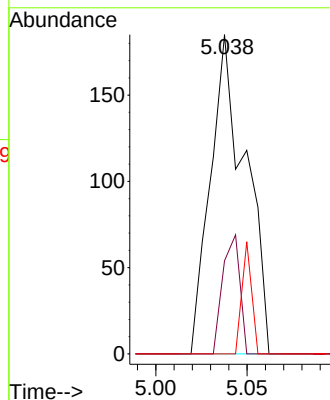
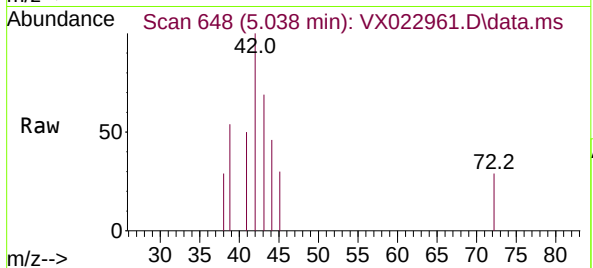
Delta R.T. 0.019 min

Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

Tgt Ion:	42	Resp:	247
Ion	Ratio	Lower	Upper
42	100		
72	18.2	41.7	62.5#
71	9.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
ABN-1



#31

Cyclohexane

Concen: 1.33 ug/l

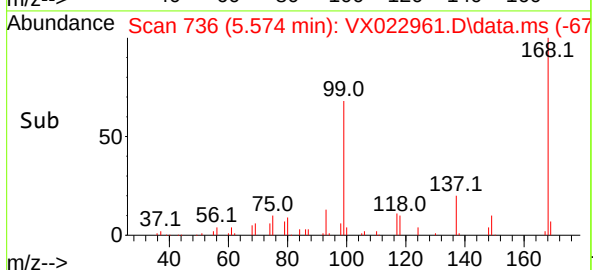
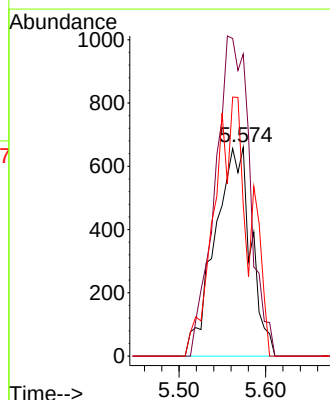
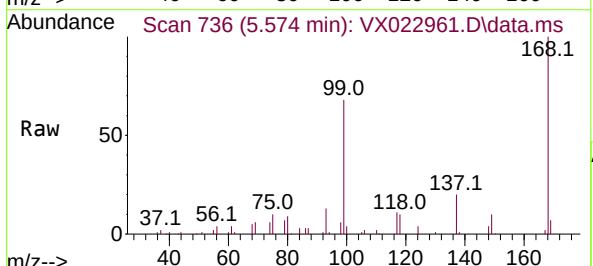
RT: 5.574 min Scan# 736

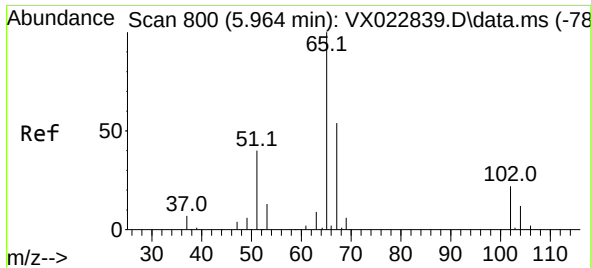
Delta R.T. 0.098 min

Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

Tgt Ion:	56	Resp:	1905
Ion	Ratio	Lower	Upper
56	100		
69	144.7	25.3	37.9#
84	72.4	71.4	107.0

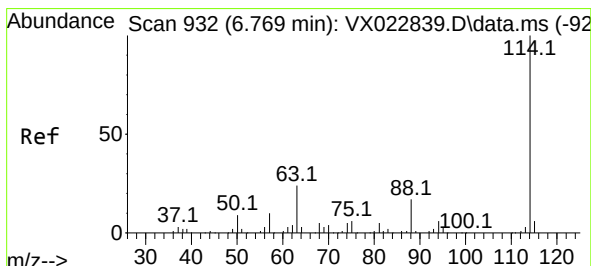
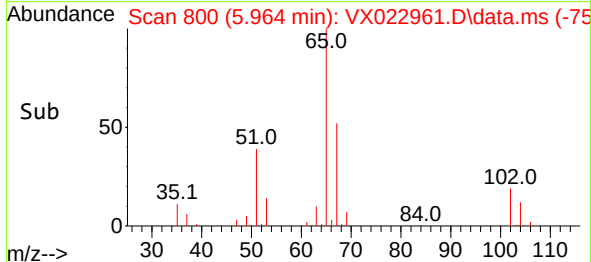
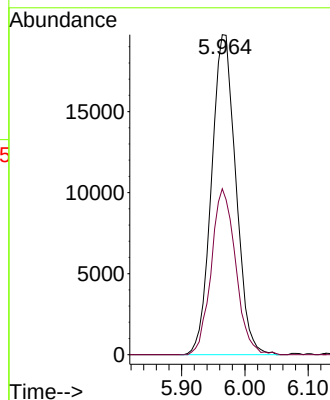
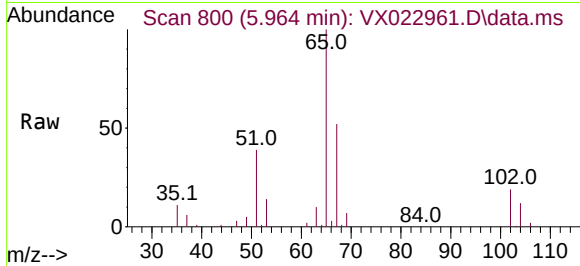




#33
1,2-Dichloroethane-d4
Concen: 52.07 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

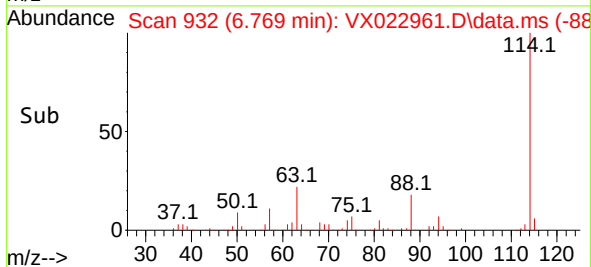
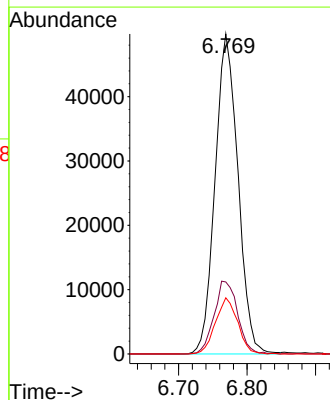
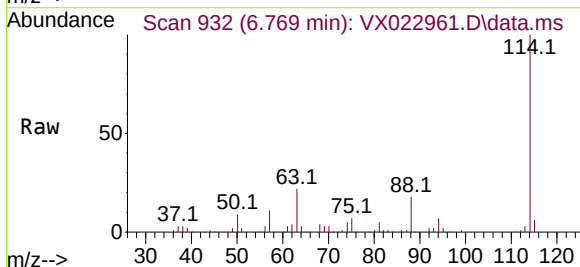
Instrument :
MSVOA_X
ClientSampled :
ABN-1

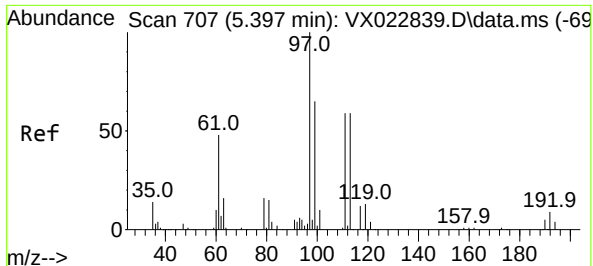
Tgt Ion: 65 Resp: 52666
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 114 Resp: 115199
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 20.45 ug/l

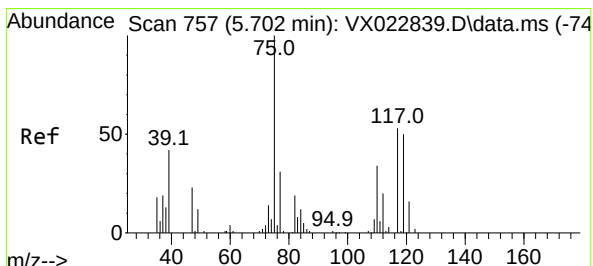
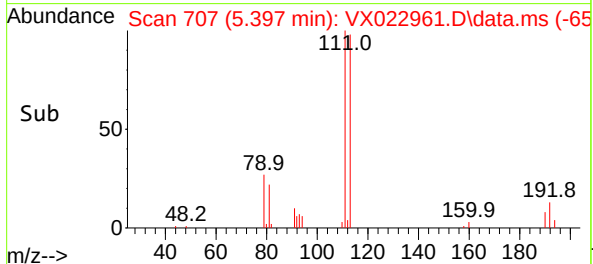
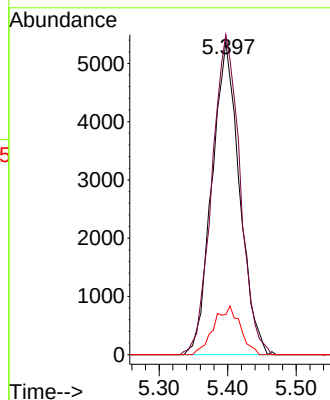
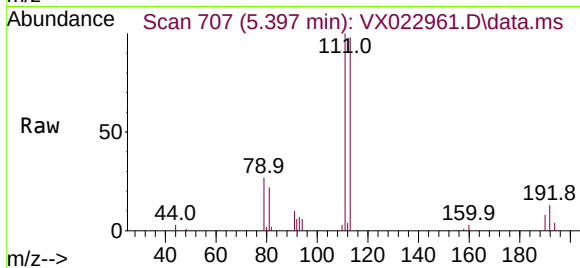
RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

Tgt Ion:	113	Resp:	14960
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	14.9	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.69 ug/l

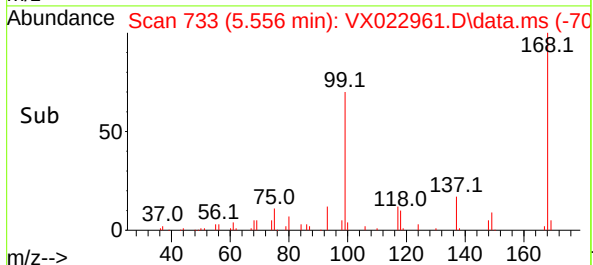
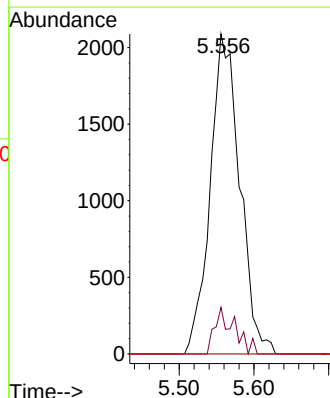
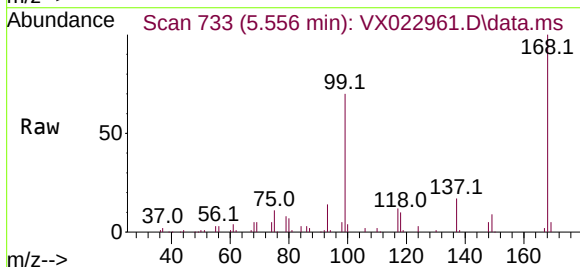
RT: 5.556 min Scan# 733

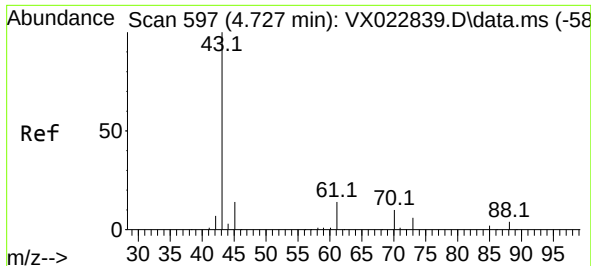
Delta R.T. -0.146 min

Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

Tgt Ion:	75	Resp:	5744
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 1.63 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.159 min

Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

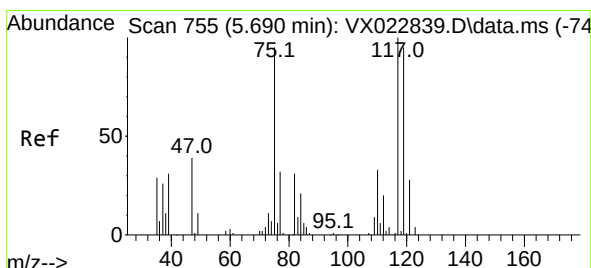
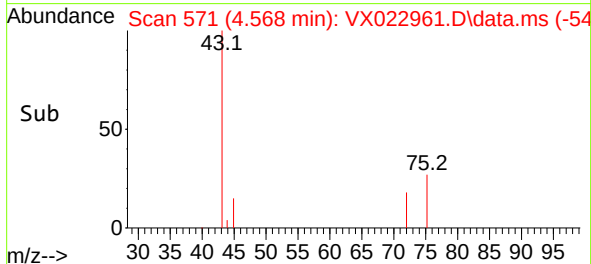
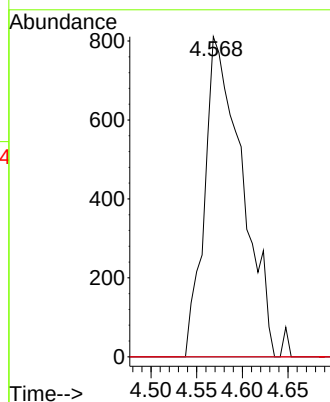
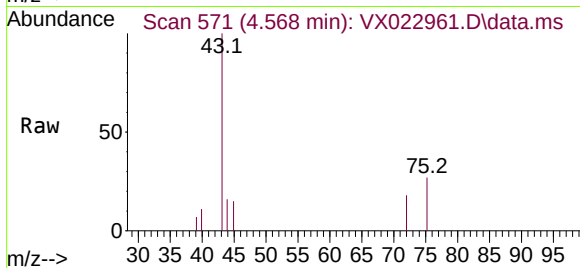
Instrument :

MSVOA_X

ClientSampled :

ABN-1

Tgt Ion:	43	Resp:	2308
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 6.67 ug/l

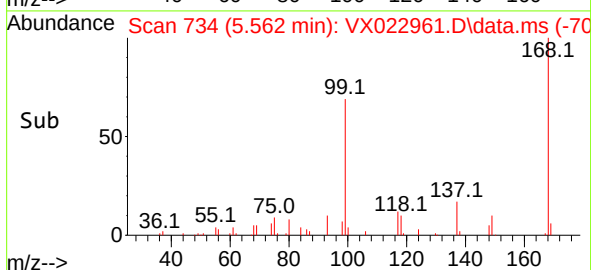
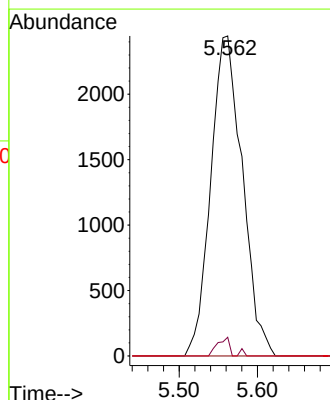
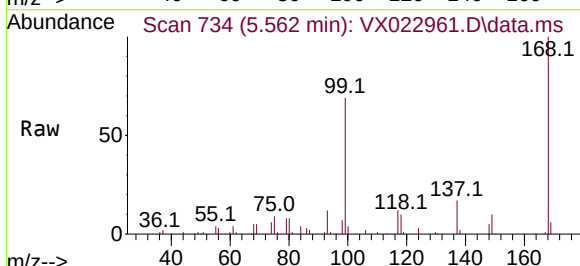
RT: 5.562 min Scan# 734

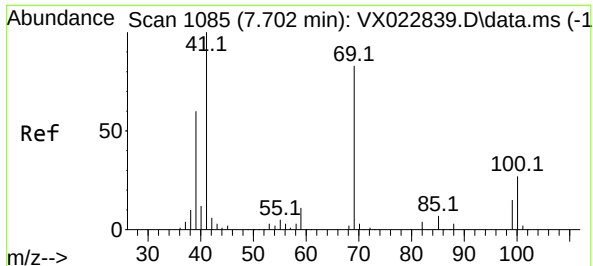
Delta R.T. -0.128 min

Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

Tgt Ion:	117	Resp:	6848
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.2#
121	0.0	24.8	37.2#





#48

Methyl methacrylate

Concen: 2.87 ug/l

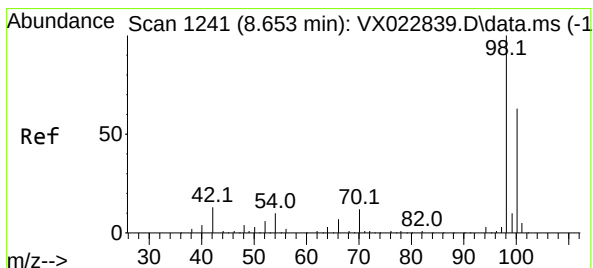
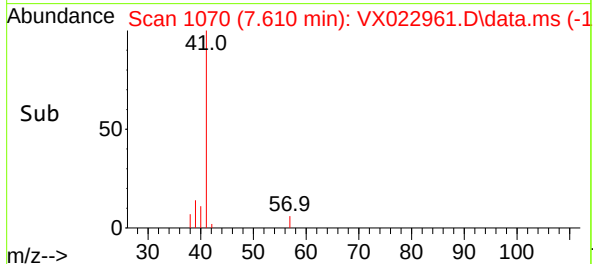
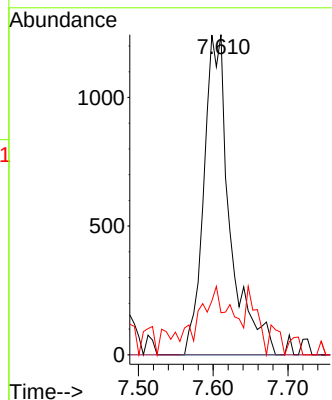
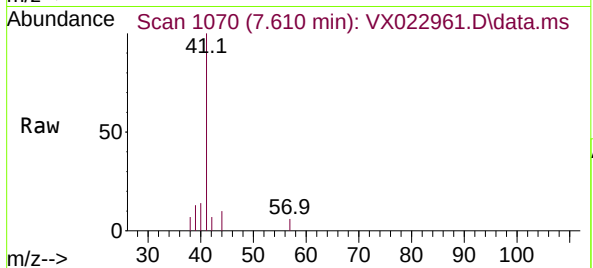
RT: 7.610 min Scan# 1070

Delta R.T. -0.092 min

Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

Tgt Ion:	41	Resp:	3031
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	26.6	44.6	67.0#



#50

Toluene-d8

Concen: 49.94 ug/l

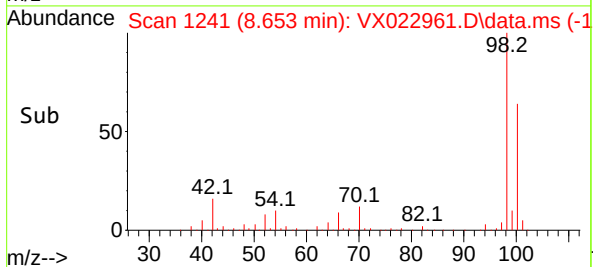
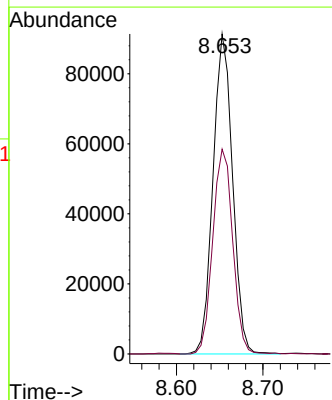
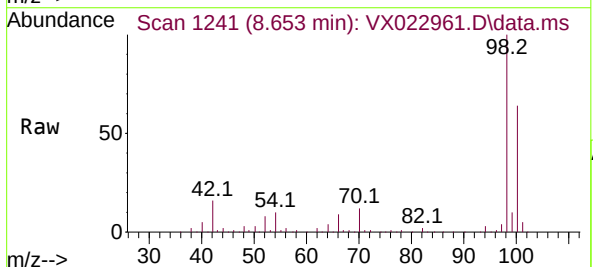
RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

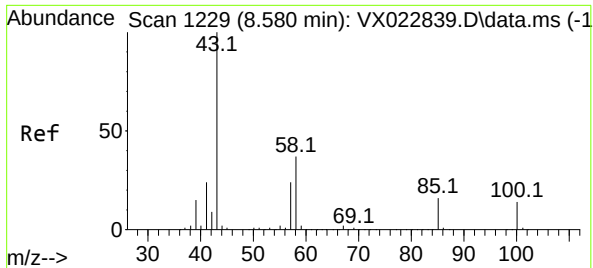
Lab File: VX022961.D

Acq: 26 Jun 2021 07:21

Tgt Ion:	98	Resp:	143185
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9



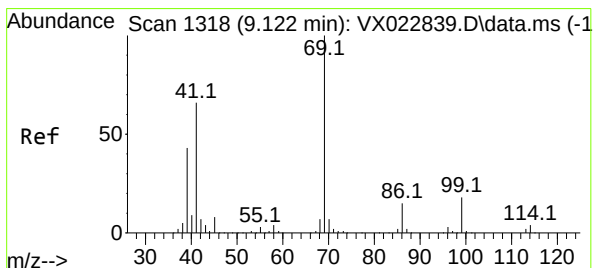
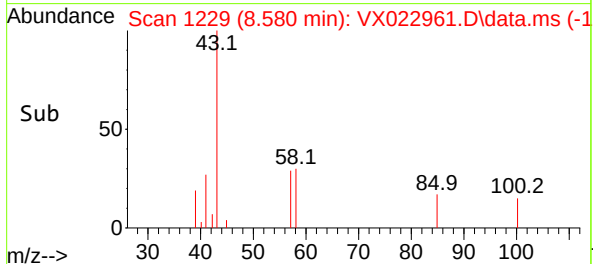
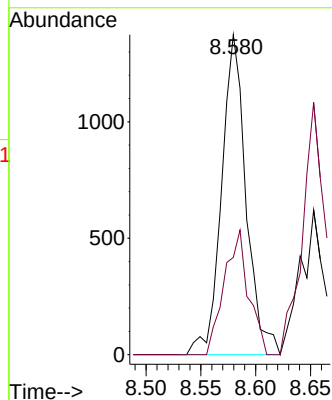
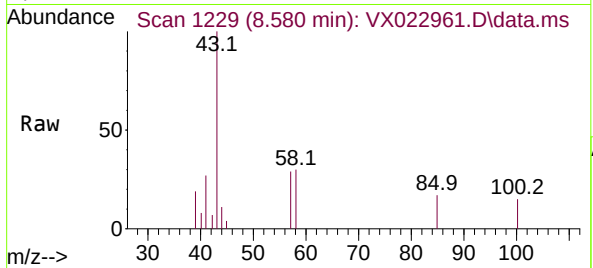
Instrument :
MSVOA_X
ClientSampled :
ABN-1



#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

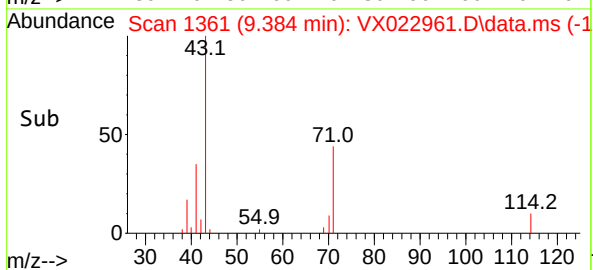
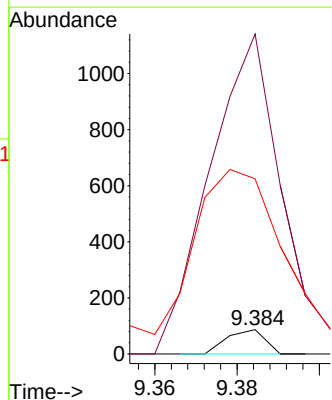
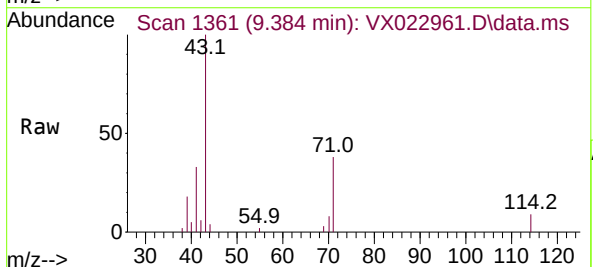
Instrument :
MSVOA_X
ClientSampled :
ABN-1

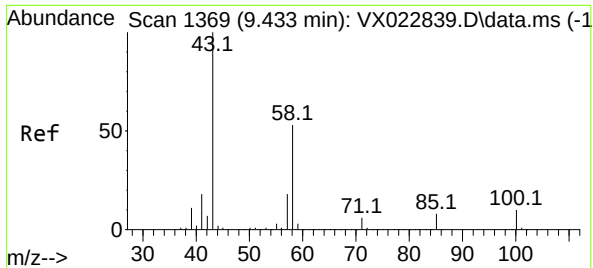
Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
58 38.4 35.4 53.0



#56
Ethyl methacrylate
Concen: 2.61 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. 0.262 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 2410.7 46.8 70.2#
39 1848.2 24.7 37.1#

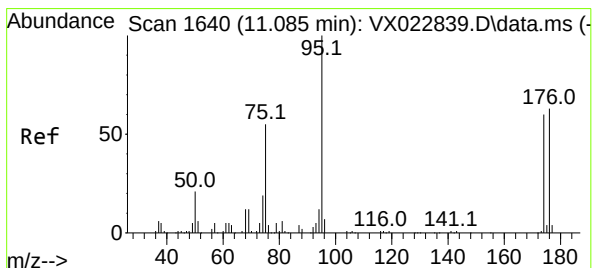
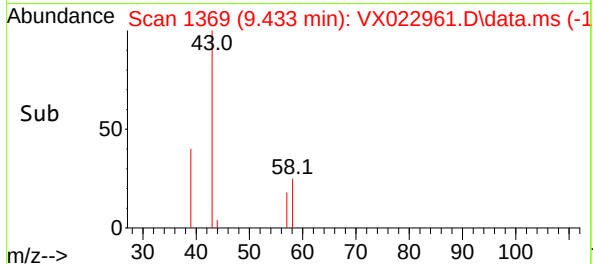
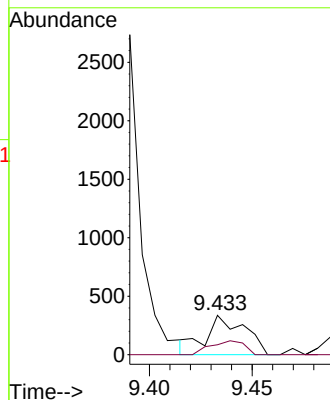
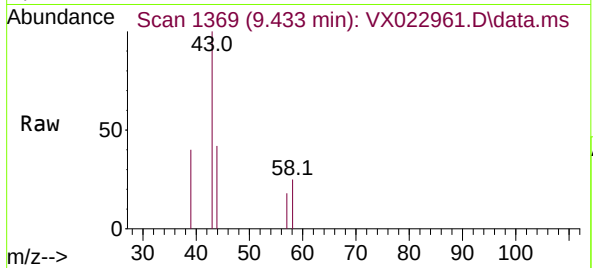




#59
2-Hexanone
Concen: 0.41 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

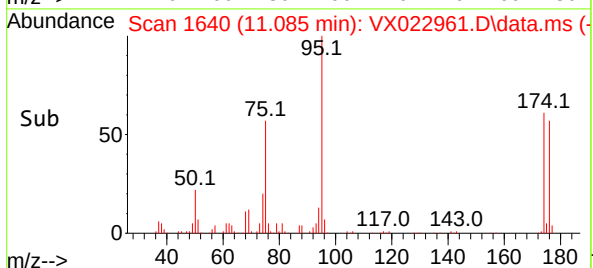
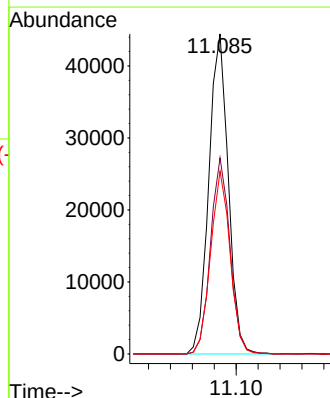
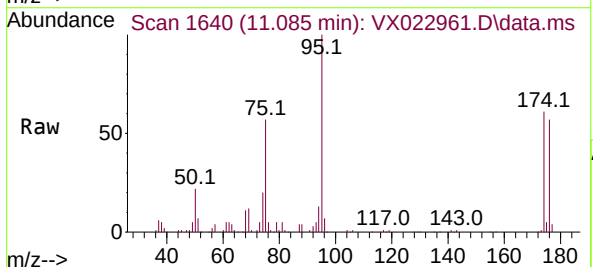
Instrument :
MSVOA_X
ClientSampled :
ABN-1

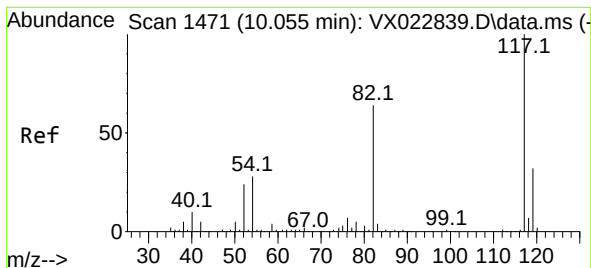
Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
58 31.1 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 51.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 95 Resp: 54720
Ion Ratio Lower Upper
95 100
174 61.1 0.0 154.6
176 57.4 0.0 155.8

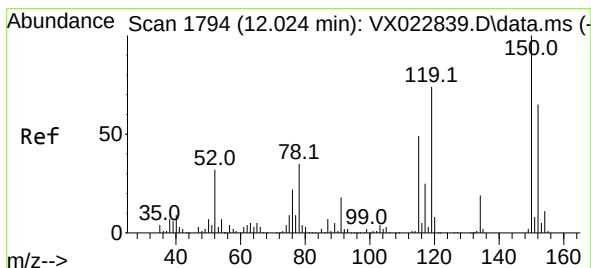
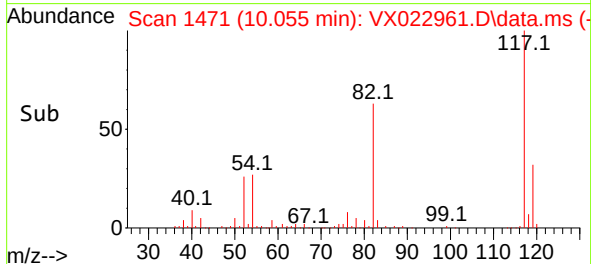
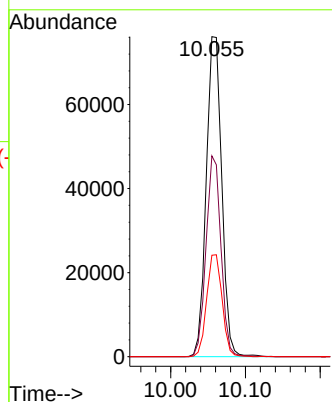
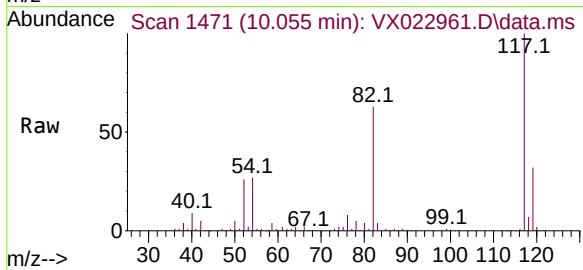




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

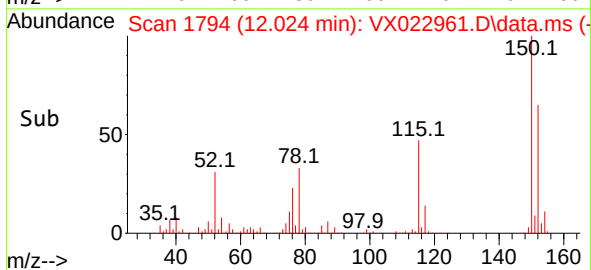
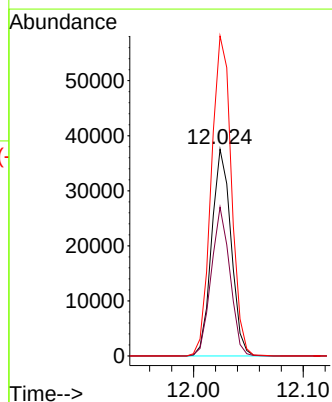
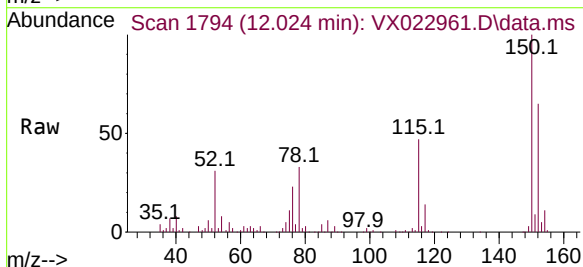
Instrument :
MSVOA_X
ClientSampled :
ABN-1

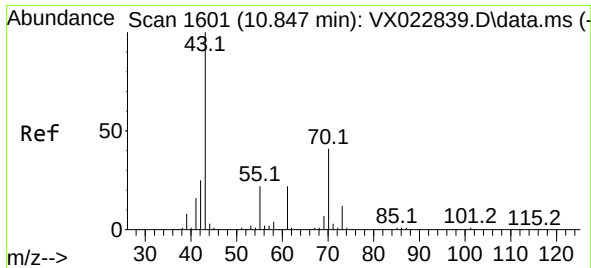
Tgt Ion:117 Resp: 109573
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion:152 Resp: 46097
Ion Ratio Lower Upper
152 100
115 69.6 41.1 123.3
150 160.4 0.0 349.0

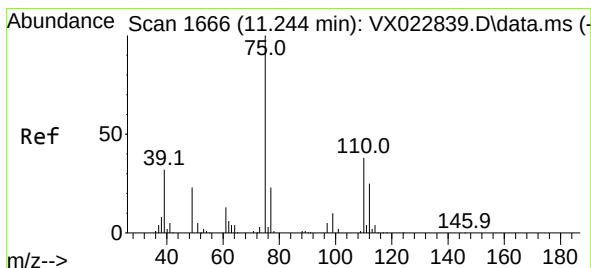
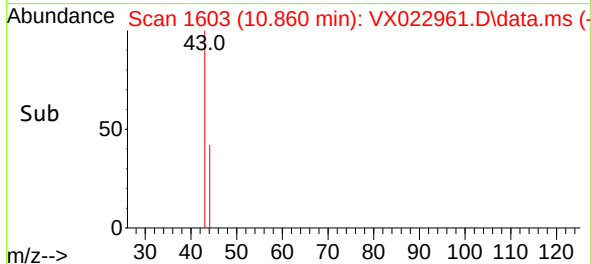
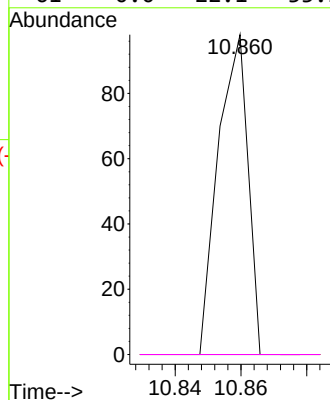
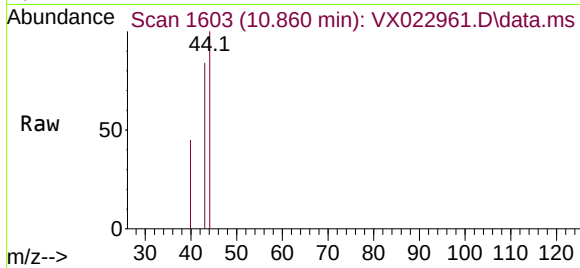




#74
N-amy1 acetate
Concen: 2.08 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.013 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

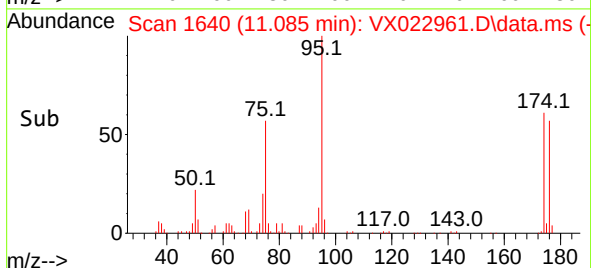
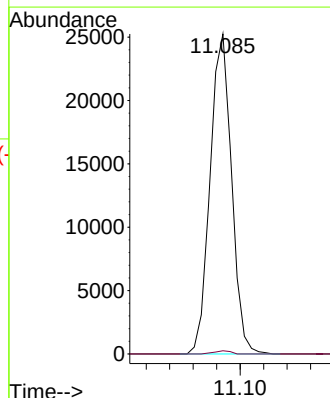
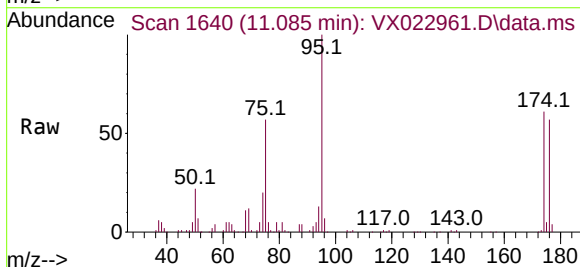
Instrument :
MSVOA_X
ClientSampled :
ABN-1

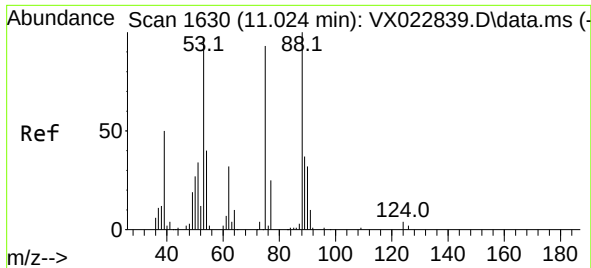
Tgt Ion: 43	Resp:	61
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.25 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 75	Resp:	31966
Ion	Ratio	Lower Upper
75	100	
77	0.8	19.1 57.5#

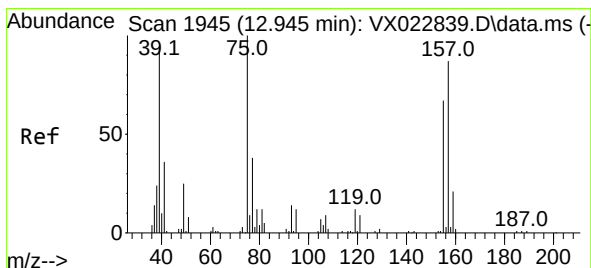
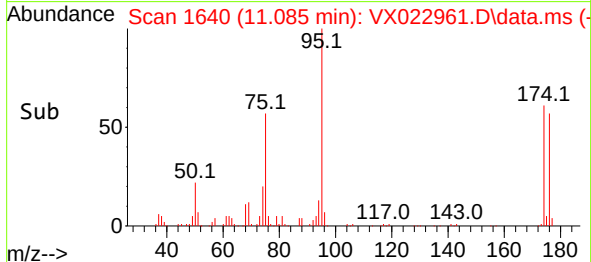
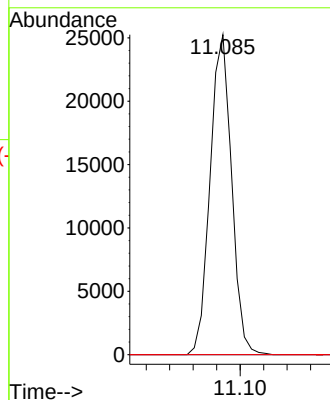
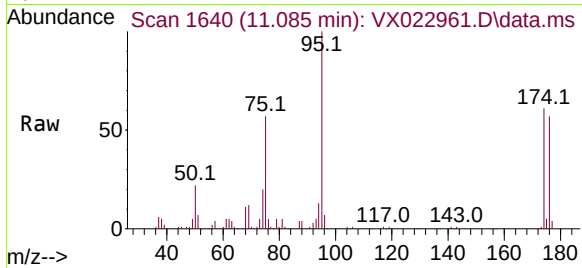




#81
trans-1,4-Dichloro-2-butene
Concen: 68.19 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

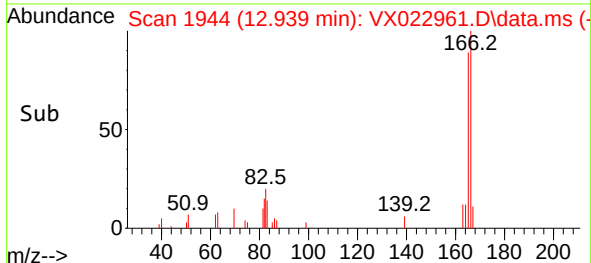
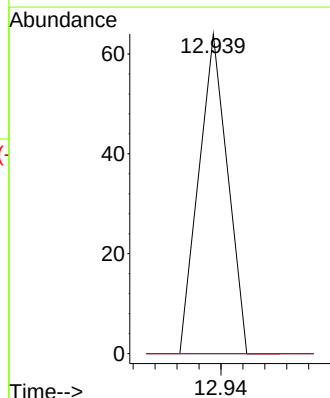
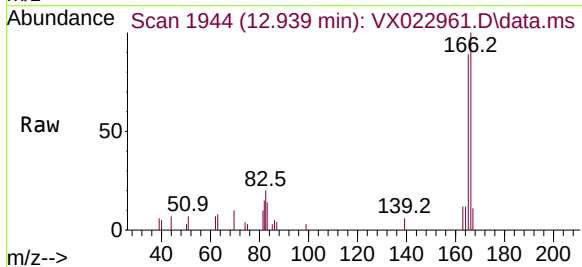
Instrument :
MSVOA_X
ClientSampled :
ABN-1

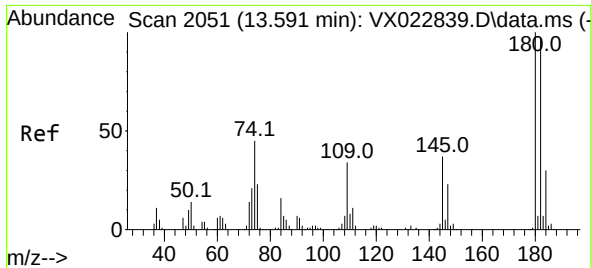
Tgt Ion: 75 Resp: 31966
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.04 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#

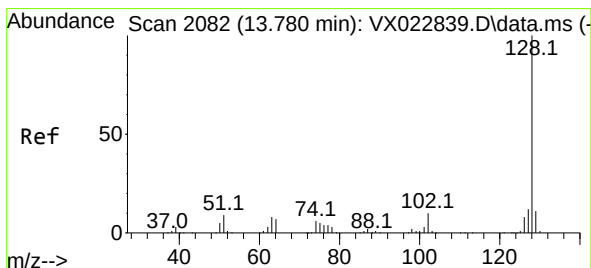
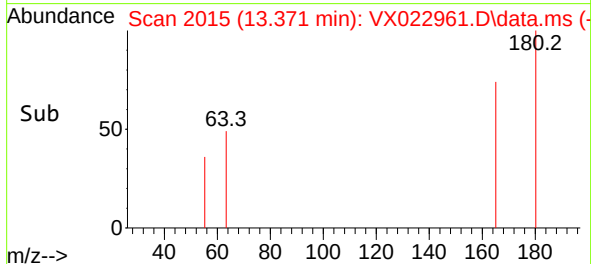
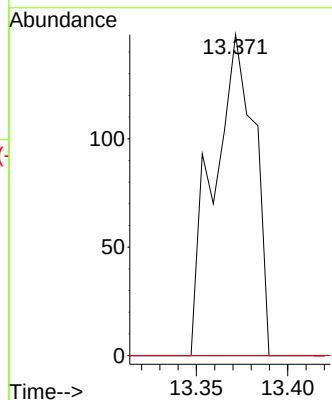
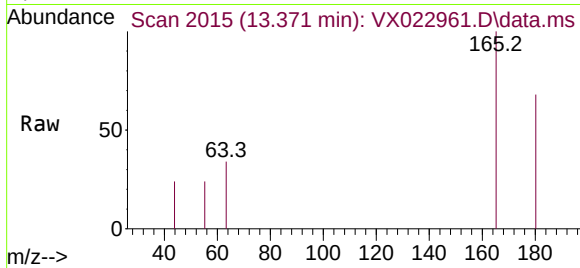




#93
1,2,4-Trichlorobenzene
Concen: 0.27 ug/l
RT: 13.371 min Scan# 2015
Delta R.T. -0.220 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Instrument :
MSVOA_X
ClientSampled :
ABN-1

Tgt Ion:180 Resp: 231
Ion Ratio Lower Upper
180 100
182 0.0 47.7 143.1#
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 11.42 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022961.D
Acq: 26 Jun 2021 07:21

Tgt Ion:128 Resp: 37100
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

