

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023088.D
 Acq On : 01 Jul 2021 16:27
 Operator : JC/MD
 Sample : PB137446TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137446TB

Quant Time: Jul 02 04:30:49 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)

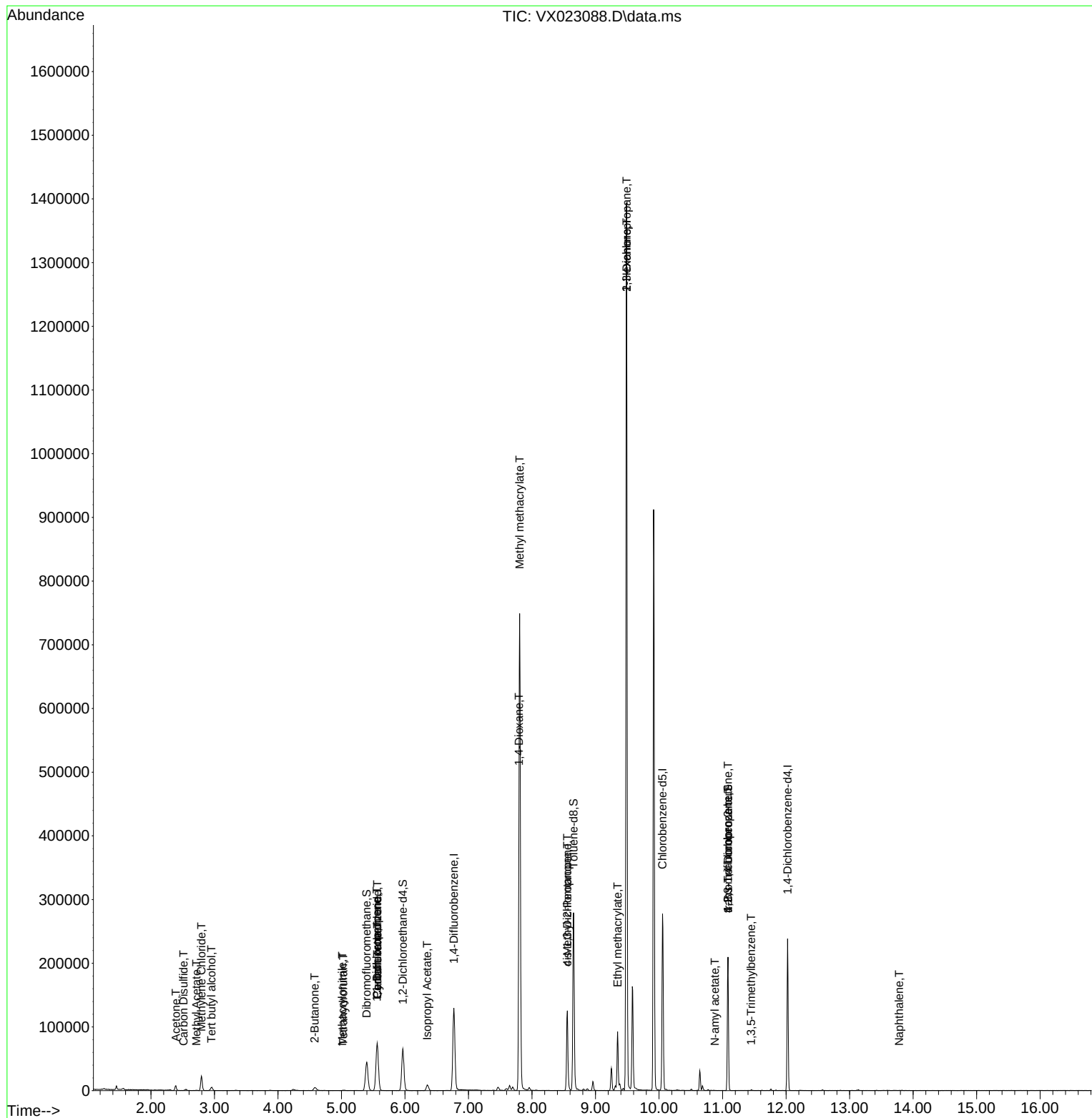
Internal Standards						
1) Pentafluorobenzene	5.562	168	55185	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	116182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61386	61.295	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	122.580%#
35) Dibromofluoromethane	5.397	113	36617	49.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.260%
50) Toluene-d8	8.653	98	147299	50.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	11.085	95	54331	50.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.700%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	3516	16.845	ug/l	# 73
16) Acetone	2.392	43	8205	18.480	ug/l	89
17) Carbon Disulfide	2.514	76	110	3.568	ug/l	# 75
18) Methyl Acetate	2.715	43	716	0.655	ug/l	# 53
20) Methylene Chloride	2.794	84	8714	10.194	ug/l	# 71
25) 2-Butanone	4.574	43	4871	7.055	ug/l	# 81
29) Tetrahydrofuran	5.025	42	385	0.867	ug/l	# 57
31) Cyclohexane	5.562	56	2097	1.483	ug/l	# 30
36) 1,1-Dichloropropene	5.556	75	6781	5.495	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7376	7.126	ug/l	# 16
41) Methacrylonitrile	5.013	41	241	0.306	ug/l	# 21
43) Isopropyl Acetate	6.348	43	12464	5.423	ug/l	# 88
48) Methyl methacrylate	7.805	41	70157	65.959	ug/l	# 38
49) 1,4-Dioxane	7.793	88	70	3.057	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	45774	32.002	ug/l	# 43
54) cis-1,3-Dichloropropene	8.555	75	17866	13.440	ug/l	# 73
56) Ethyl methacrylate	9.348	69	620	2.948	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	11193	7.135	ug/l	# 42
59) 2-Hexanone	9.488	43	172125	158.623	ug/l	# 42
74) N-amyl acetate	10.878	43	298	2.211	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	33096	32.664	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	755	0.283	ug/l	81
81) trans-1,4-Dichloro-2-b...	11.085	75	33096	83.248	ug/l	# 12
95) Naphthalene	13.780	128	105	1.955	ug/l	# 69

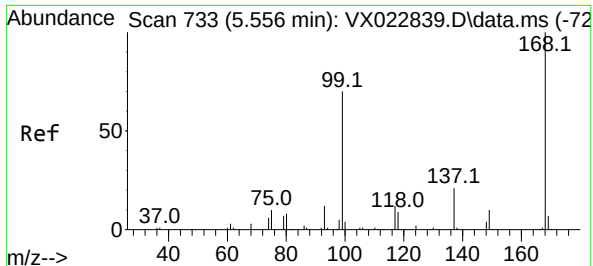
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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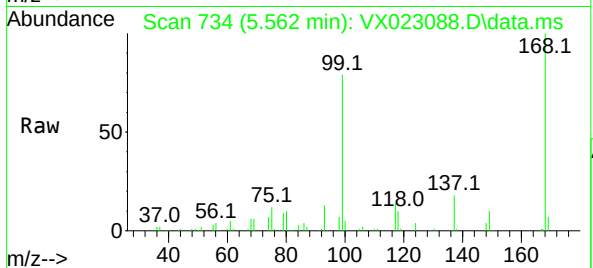
Quant Time: Jul 02 04:30:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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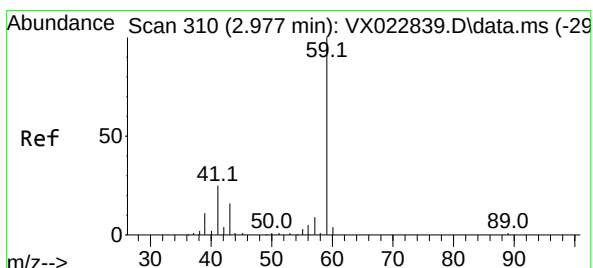
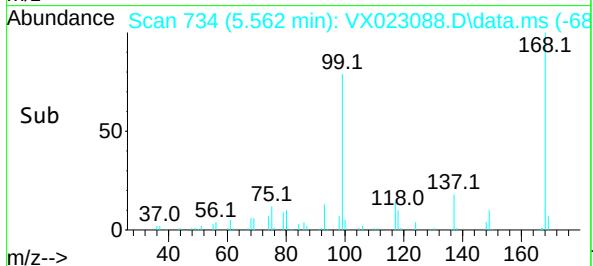
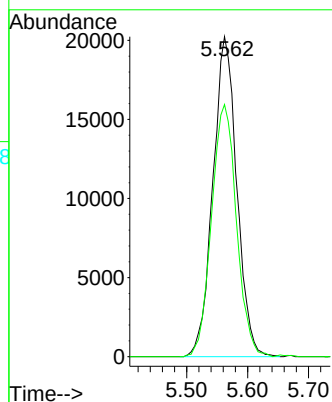


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

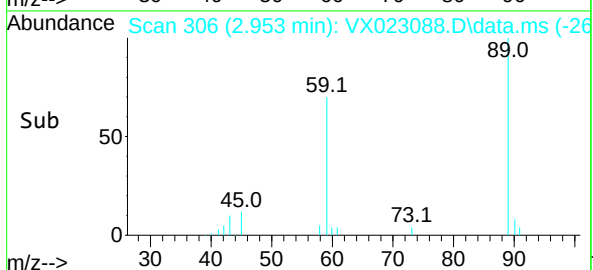
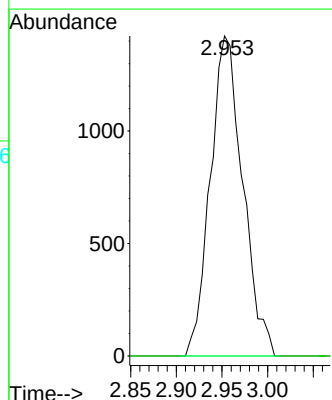
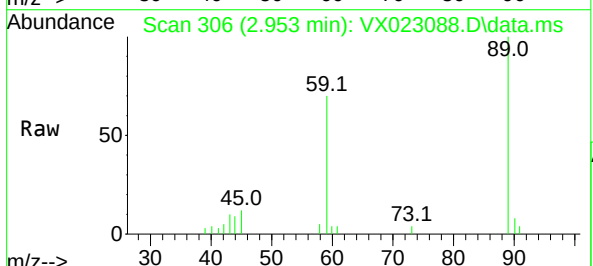


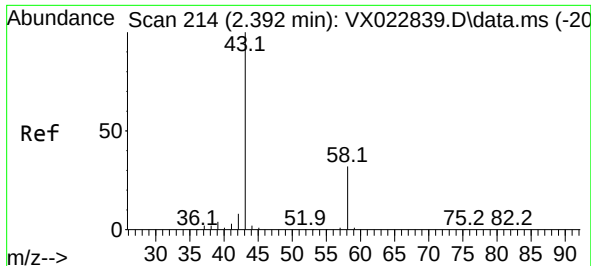
Tgt Ion:168 Resp: 55185
Ion Ratio Lower Upper
168 100
99 78.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 16.845 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

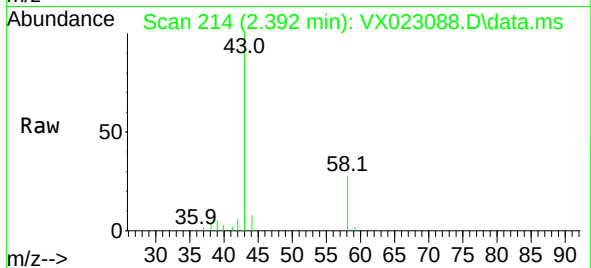
Tgt Ion: 59 Resp: 3516
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



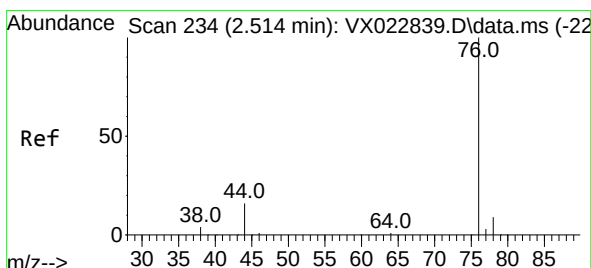
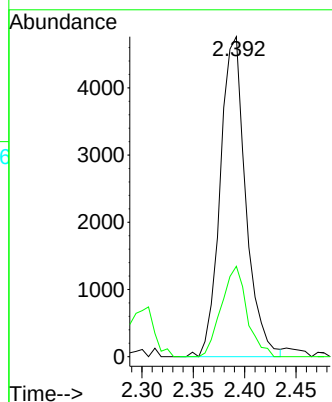
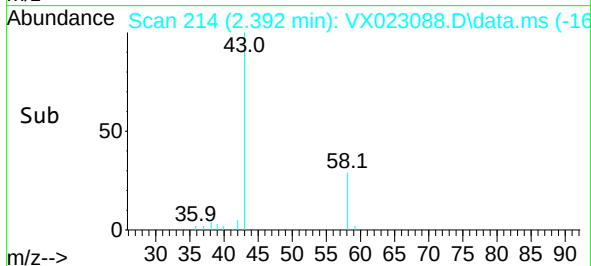


#16
Acetone
Concen: 18.480 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

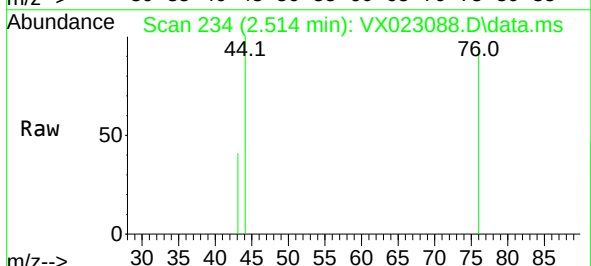
Instrument :
MSVOA_X
ClientSampled :
PB137446TB



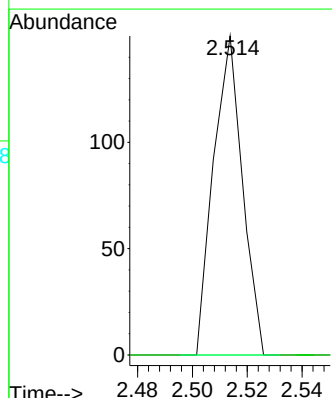
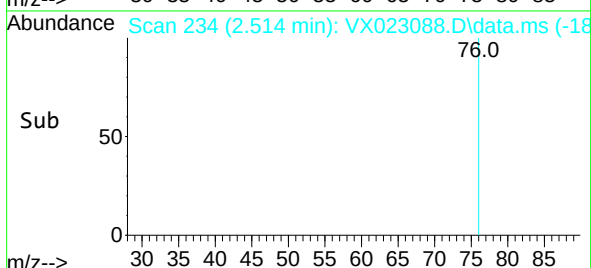
Tgt Ion: 43 Resp: 8205
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8

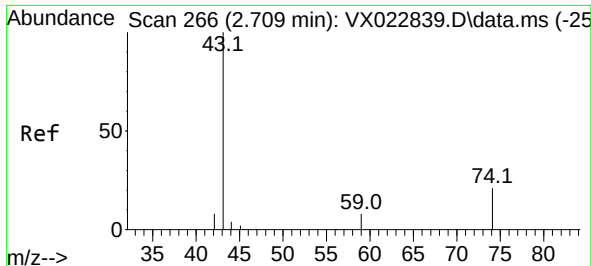


#17
Carbon Disulfide
Concen: 3.568 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27



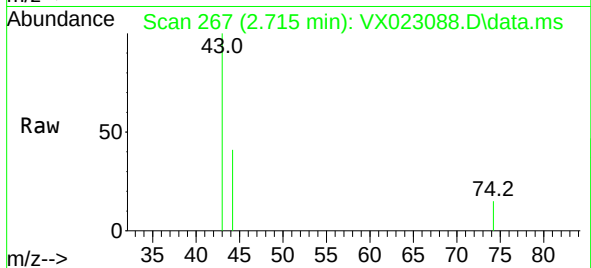
Tgt Ion: 76 Resp: 110
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



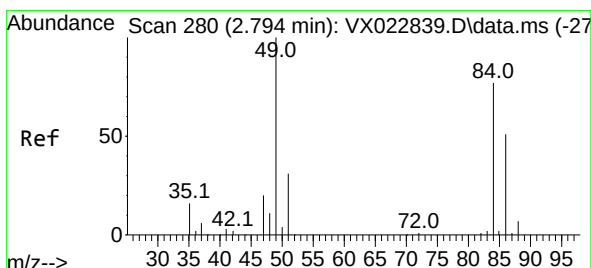
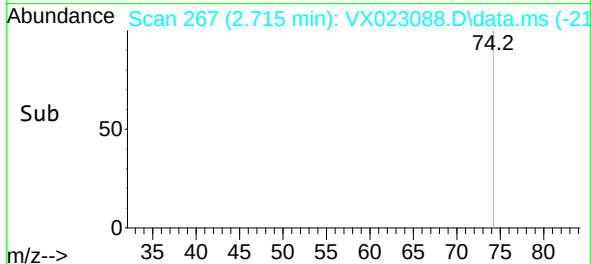
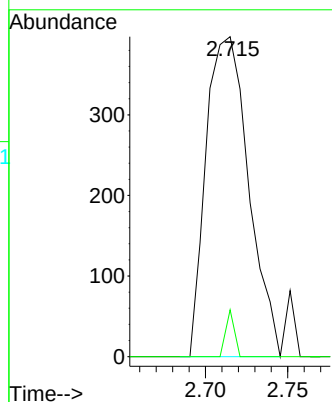


#18
Methyl Acetate
Concen: 0.655 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Instrument :
MSVOA_X
ClientSampled :
PB137446TB

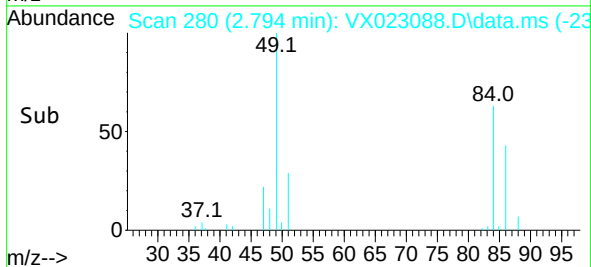
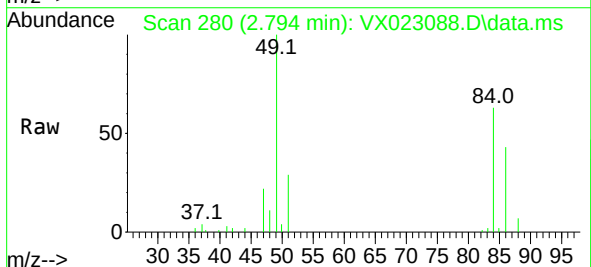
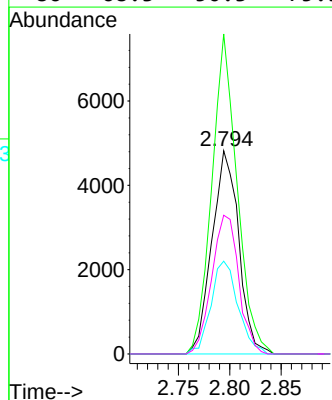


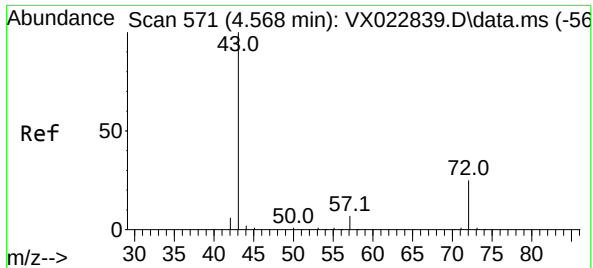
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
74 2.9 21.9 32.9#



#20
Methylene Chloride
Concen: 10.194 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 84 Resp: 8714
Ion Ratio Lower Upper
84 100
49 157.5 88.6 132.8#
51 45.6 27.0 40.6#
86 68.3 50.3 75.5

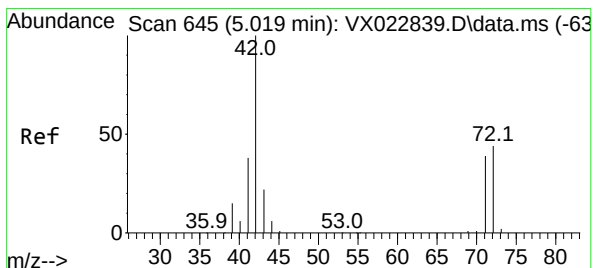
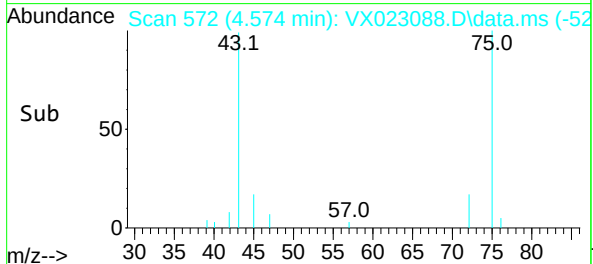
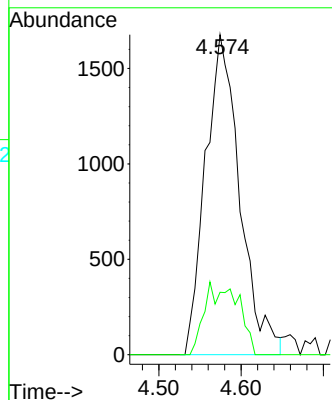
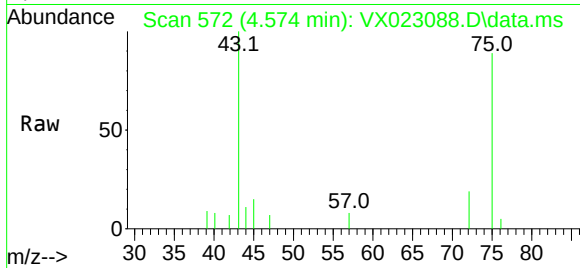




#25
2-Butanone
Concen: 7.055 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

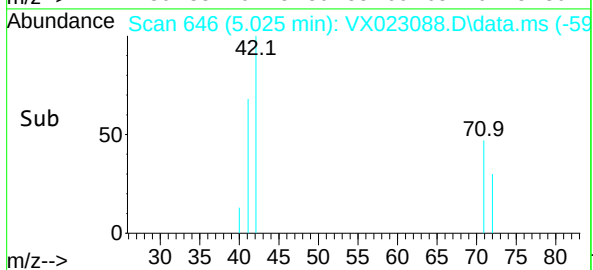
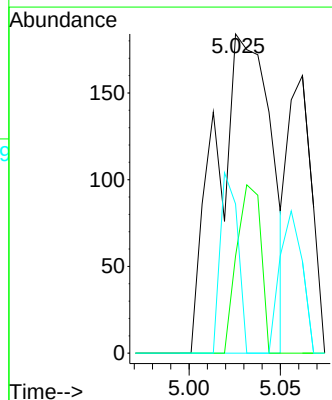
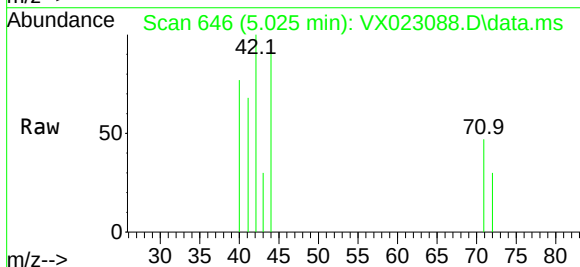
Instrument :
MSVOA_X
ClientSampled :
PB137446TB

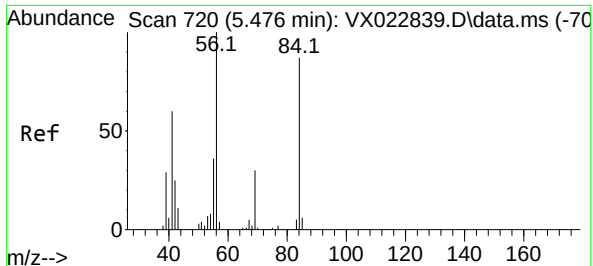
Tgt Ion: 43 Resp: 4871
Ion Ratio Lower Upper
43 100
72 19.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.867 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 42 Resp: 385
Ion Ratio Lower Upper
42 100
72 23.1 41.7 62.5#
71 18.2 38.4 57.6#





#31

Cyclohexane

Concen: 1.483 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX023088.D

Acq: 01 Jul 2021 16:27

Instrument :

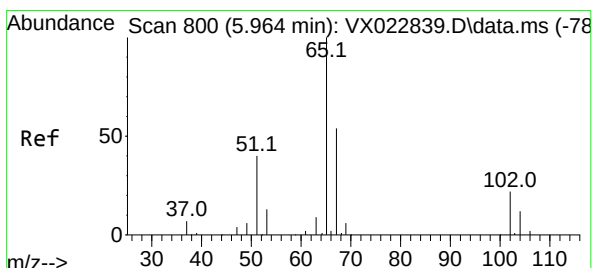
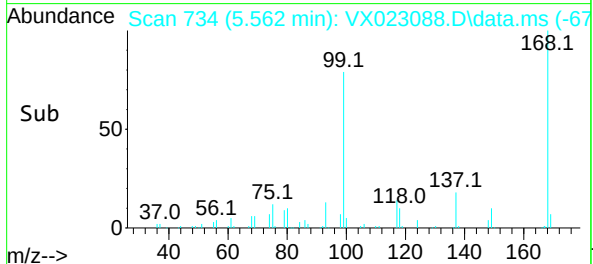
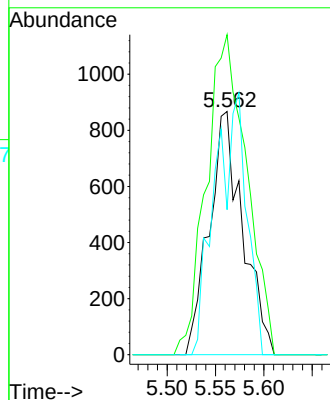
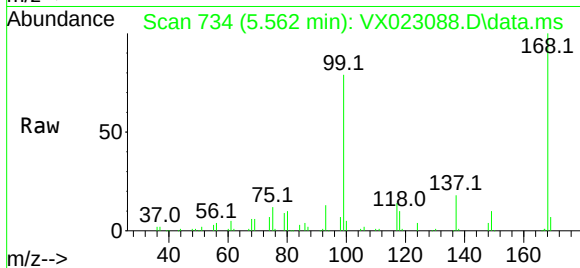
MSVOA_X

ClientSampleId :

PB137446TB

Tgt Ion: 56 Resp: 2097

Ion	Ratio	Lower	Upper
56	100		
69	131.6	25.3	37.9#
84	59.6	71.4	107.0#



#33

1,2-Dichloroethane-d4

Concen: 61.295 ug/l

RT: 5.964 min Scan# 800

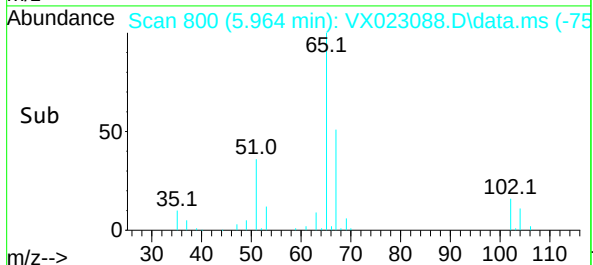
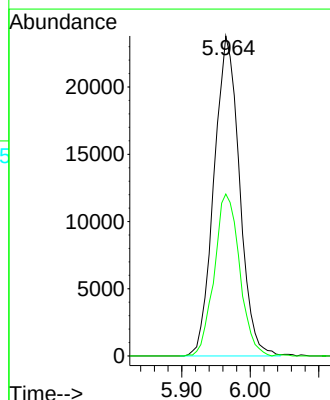
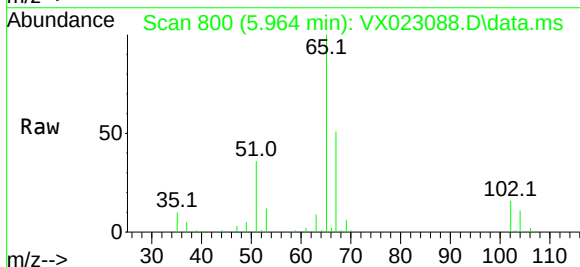
Delta R.T. 0.000 min

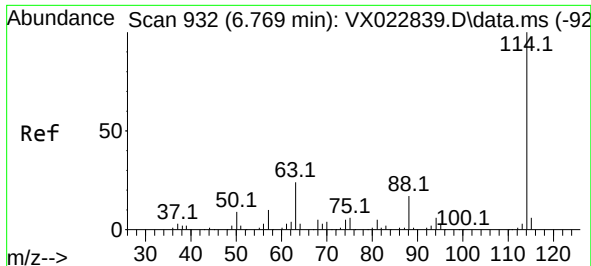
Lab File: VX023088.D

Acq: 01 Jul 2021 16:27

Tgt Ion: 65 Resp: 61386

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	105.4

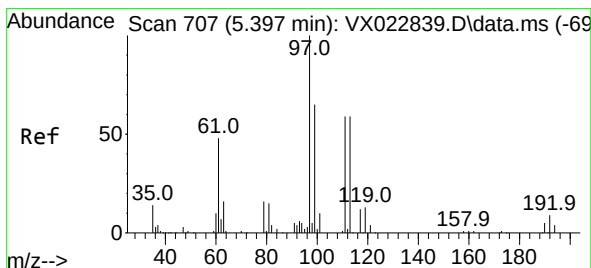
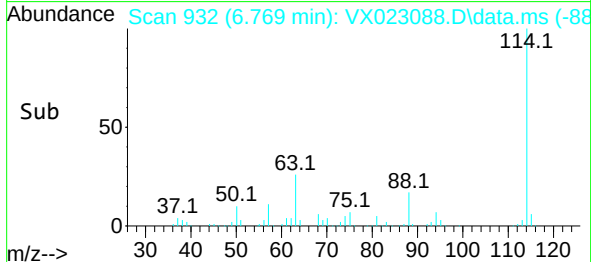
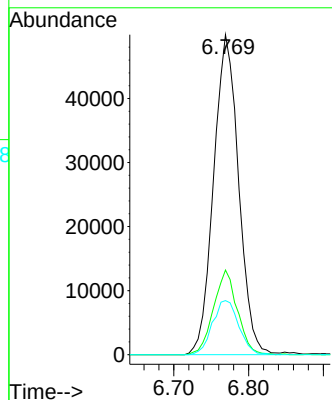
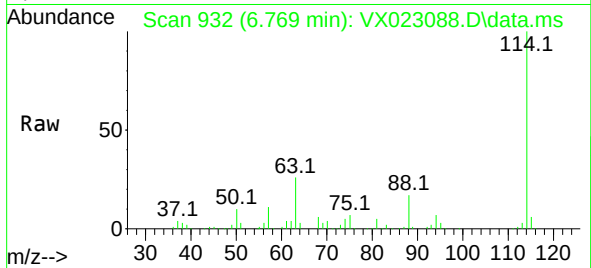




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

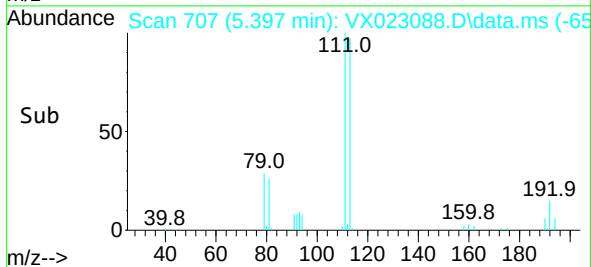
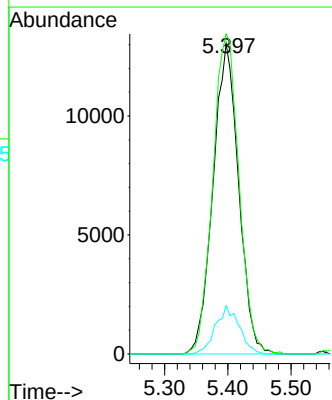
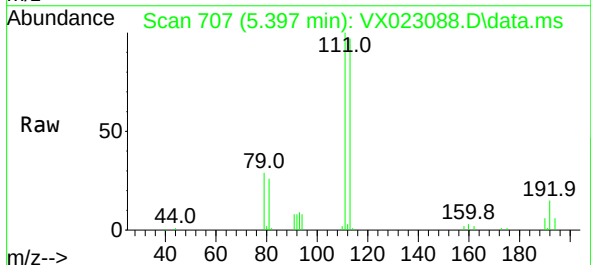
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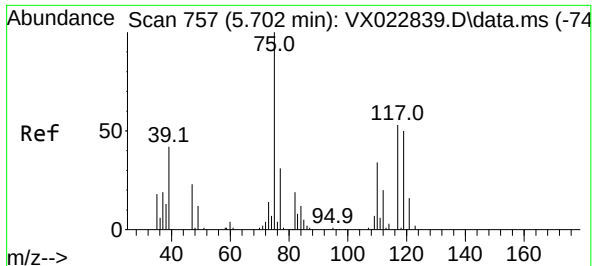
Tgt Ion:114 Resp: 116182
Ion Ratio Lower Upper
114 100
63 26.4 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.631 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion:113 Resp: 36617
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 14.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.495 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023088.D

Acq: 01 Jul 2021 16:27

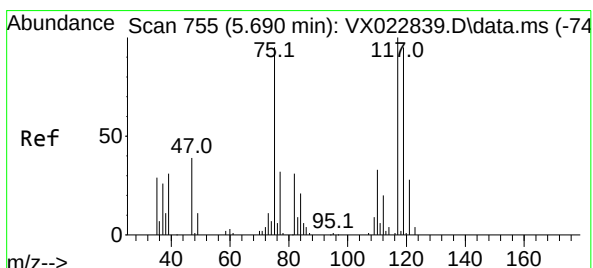
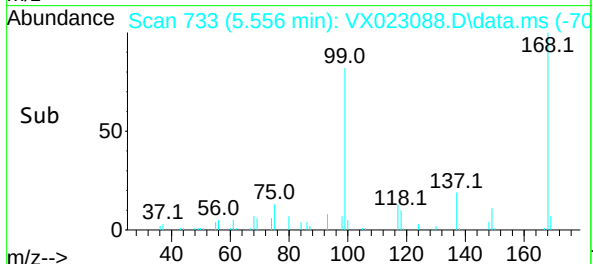
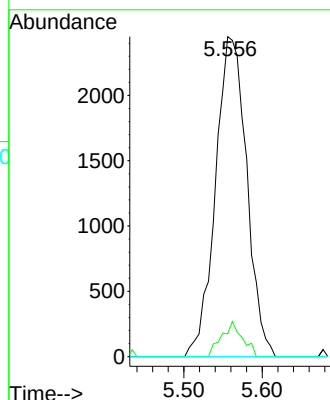
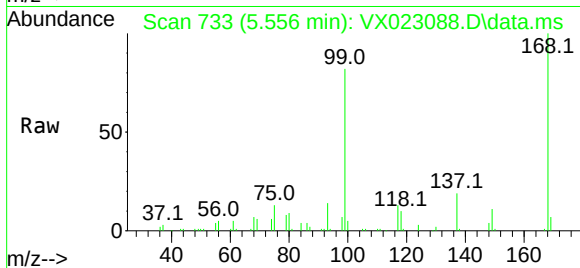
Tgt Ion:	75	Resp:	6781
Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

PB137446TB



#38

Carbon Tetrachloride

Concen: 7.126 ug/l

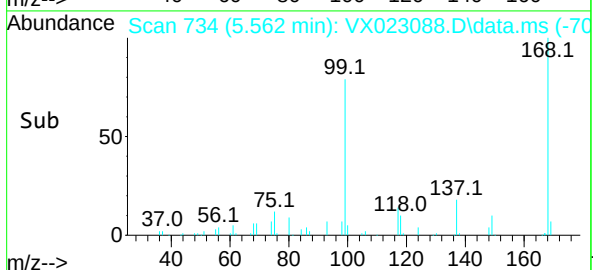
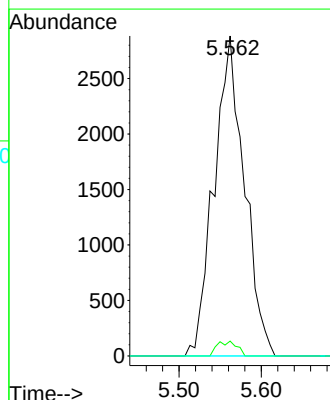
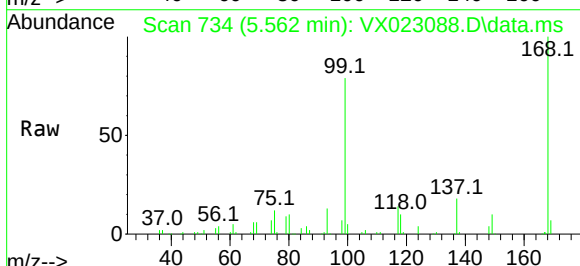
RT: 5.562 min Scan# 734

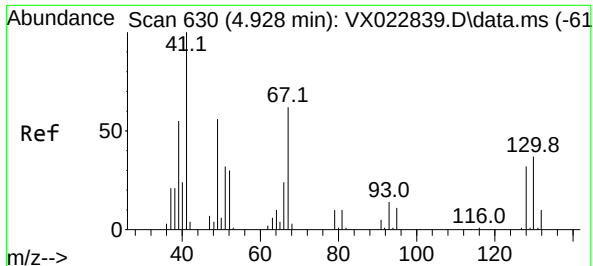
Delta R.T. -0.128 min

Lab File: VX023088.D

Acq: 01 Jul 2021 16:27

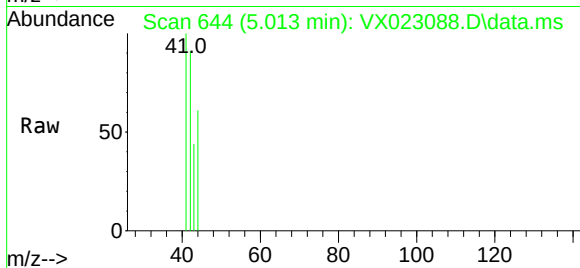
Tgt Ion:	117	Resp:	7376
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#



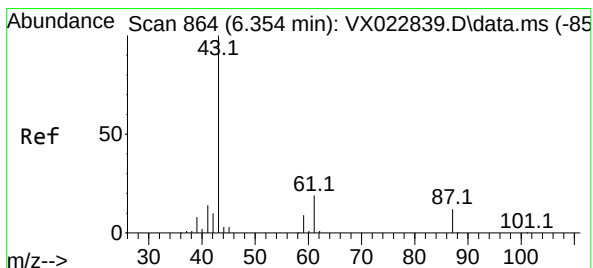
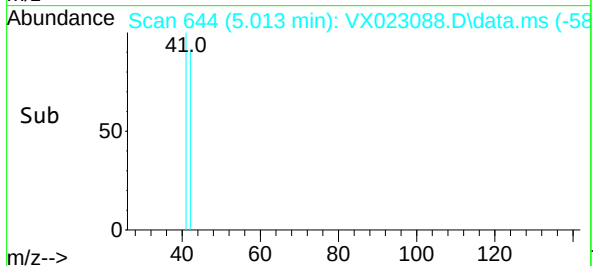
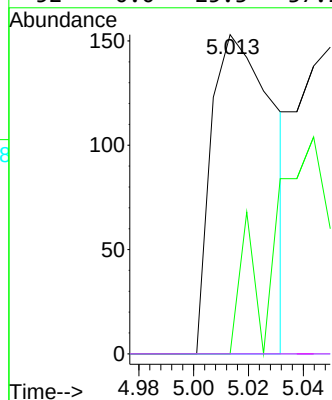


#41
Methacrylonitrile
Concen: 0.306 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

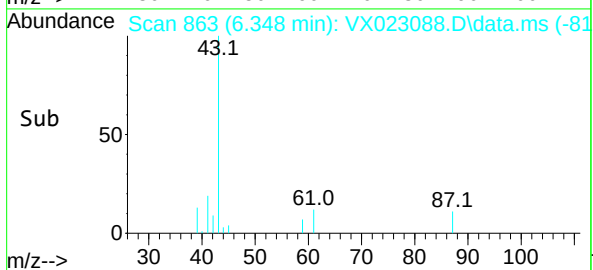
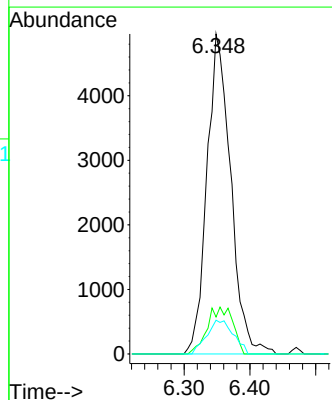
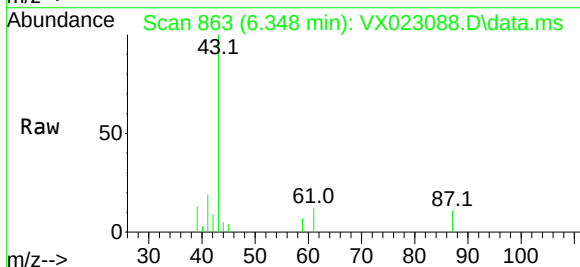


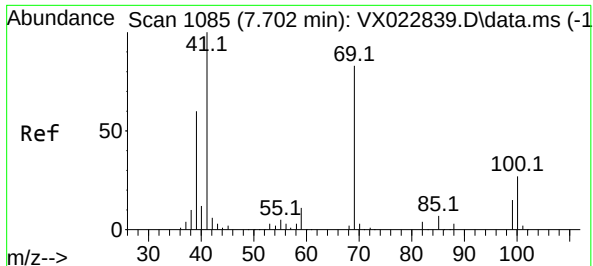
Tgt Ion:	41	Resp:	241
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 5.423 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion:	43	Resp:	12464
Ion	Ratio	Lower	Upper
43	100		
61	15.8	18.2	27.4#
87	11.8	12.5	18.7#

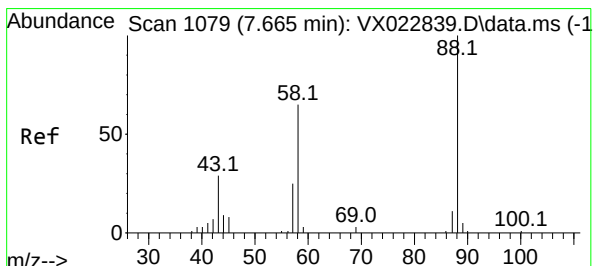
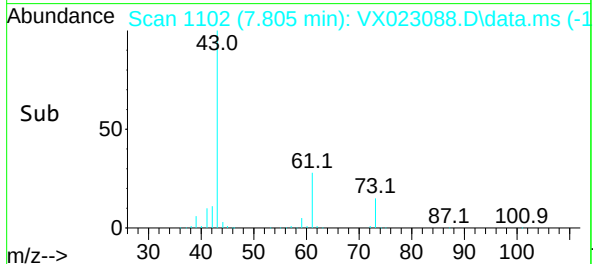
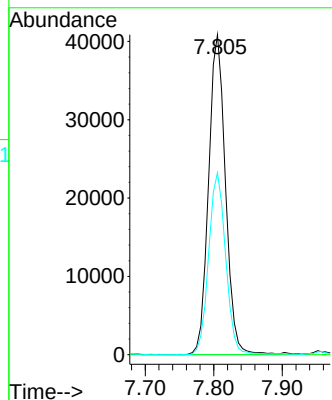
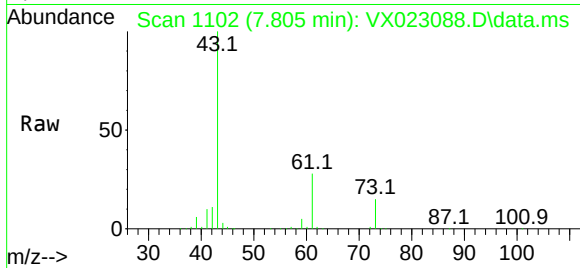




#48
Methyl methacrylate
Concen: 65.959 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

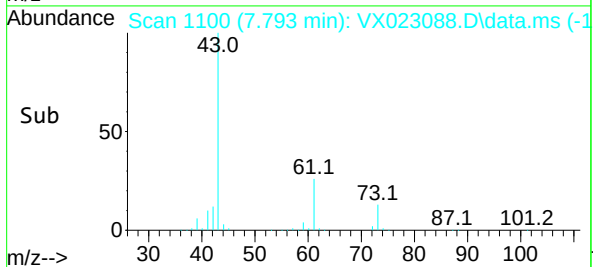
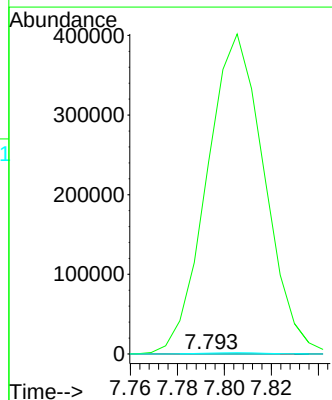
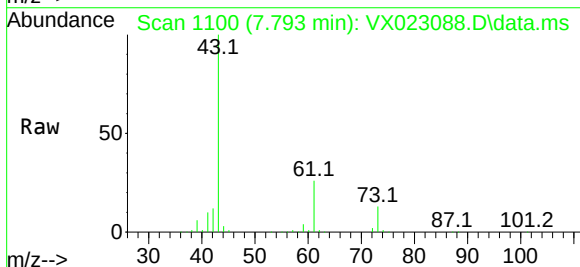
Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

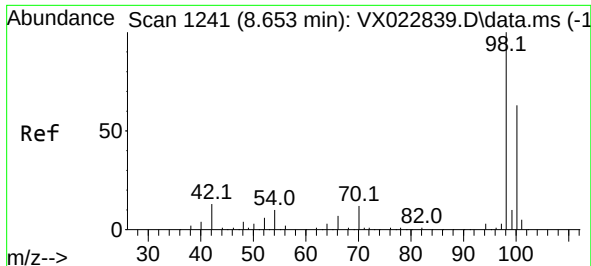
Tgt Ion: 41 Resp: 70157
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 57.3 44.6 67.0



#49
1,4-Dioxane
Concen: 3.057 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 987510.0 23.2 34.8#
58 4225.7 55.0 82.4#

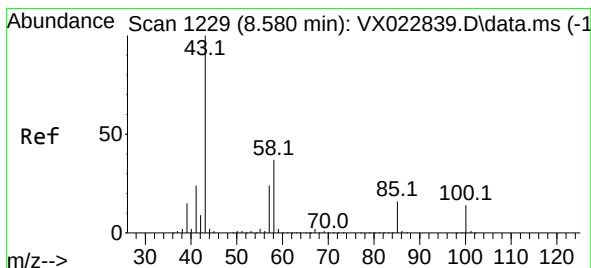
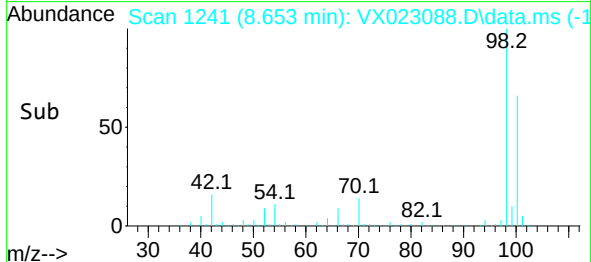
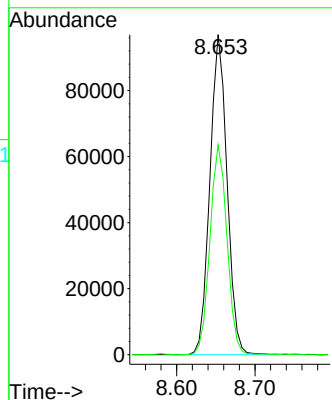
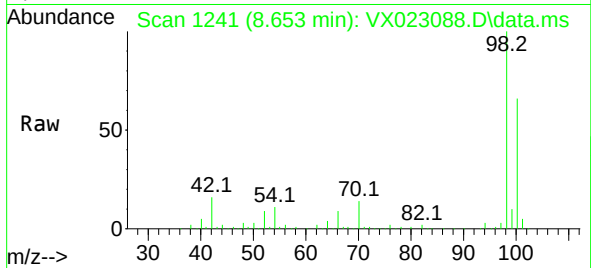




#50
Toluene-d8
Concen: 50.942 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

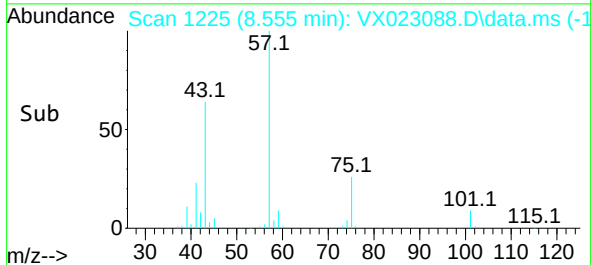
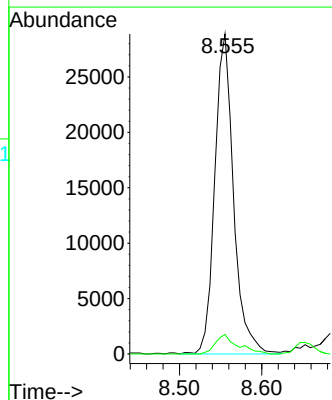
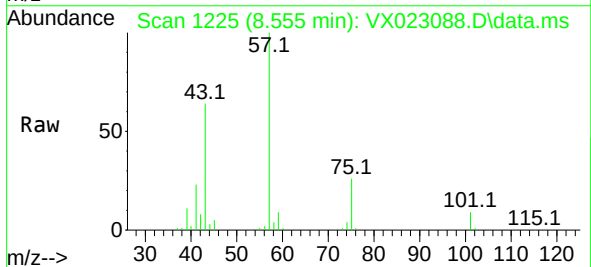
Instrument :
MSVOA_X
ClientSampled :
PB137446TB

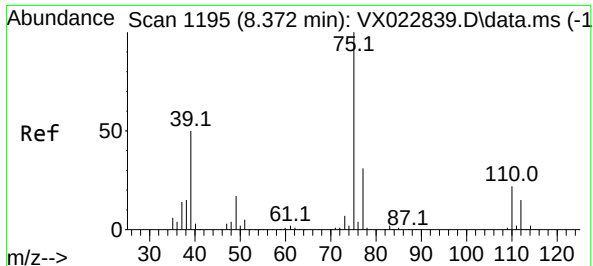
Tgt Ion: 98 Resp: 147299
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.002 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 43 Resp: 45774
Ion Ratio Lower Upper
43 100
58 7.2 35.4 53.0#

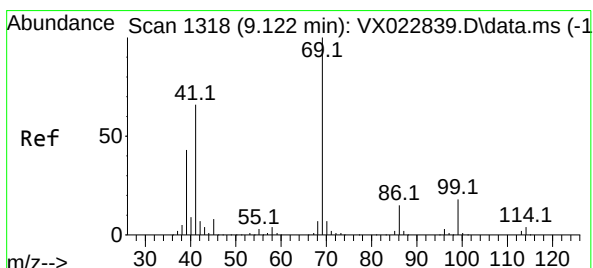
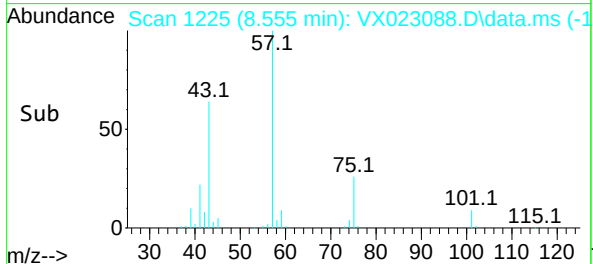
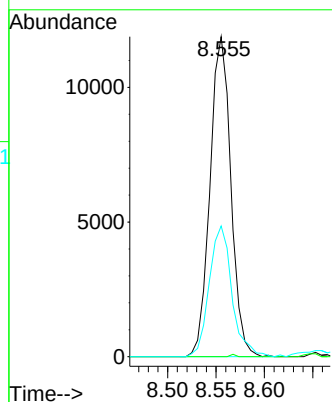
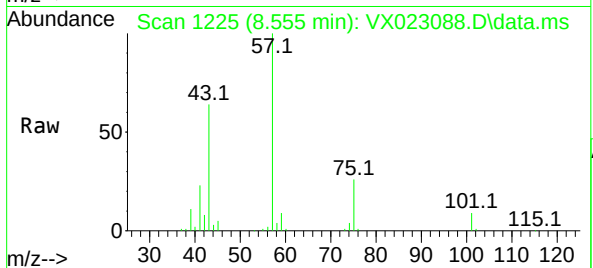




#54
cis-1,3-Dichloropropene
Concen: 13.440 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

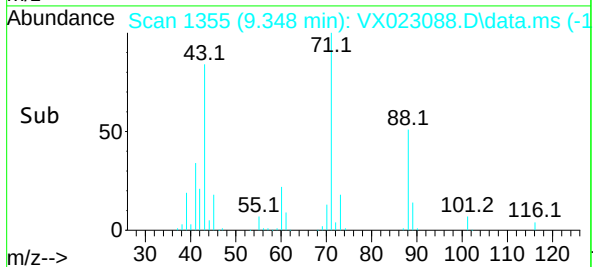
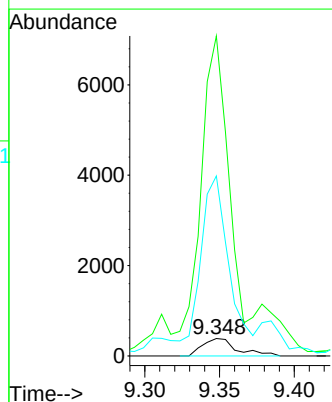
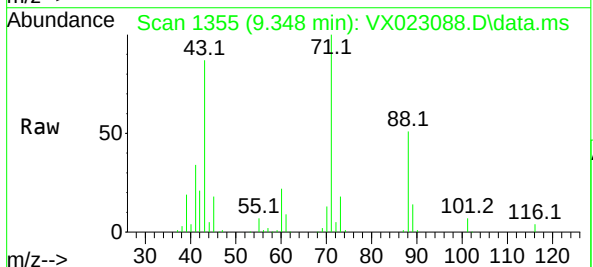
Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

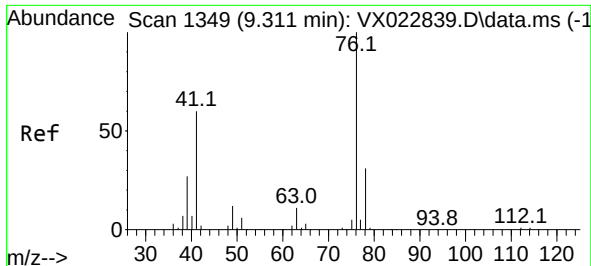
Tgt Ion: 75 Resp: 17866
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 40.9 35.1 52.7



#56
Ethyl methacrylate
Concen: 2.948 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 69 Resp: 620
Ion Ratio Lower Upper
69 100
41 1298.5 46.8 70.2#
39 799.5 24.7 37.1#



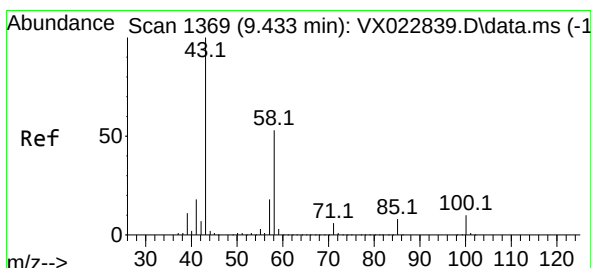
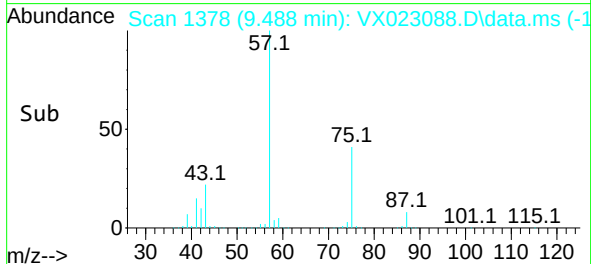
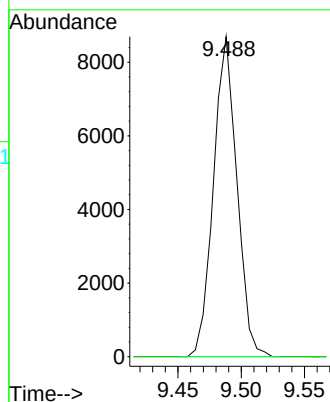
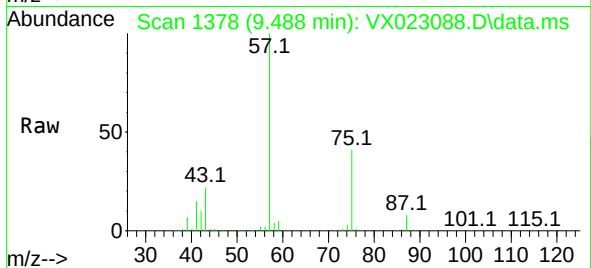


#57

1,3-Dichloropropane
Concen: 7.135 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

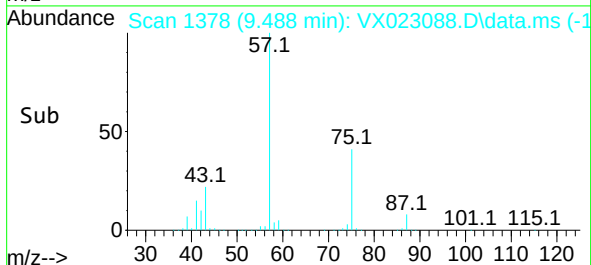
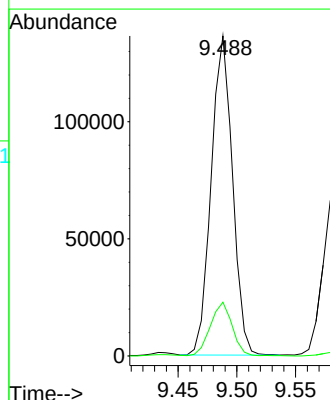
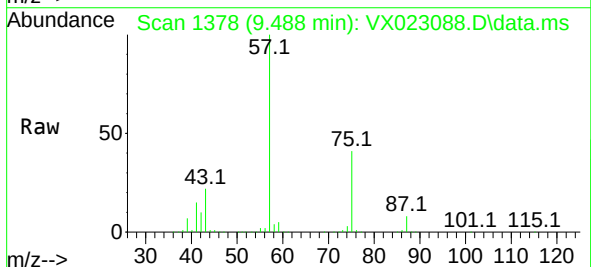
Tgt Ion: 76 Resp: 11193
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

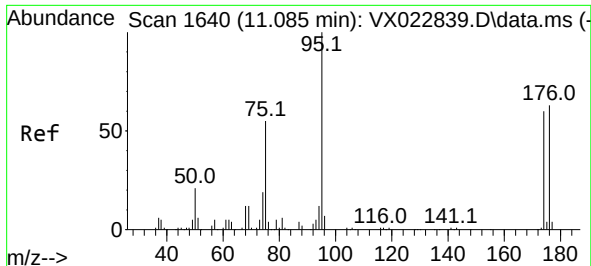


#59

2-Hexanone
Concen: 158.623 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 43 Resp: 172125
Ion Ratio Lower Upper
43 100
58 17.4 30.9 92.8#

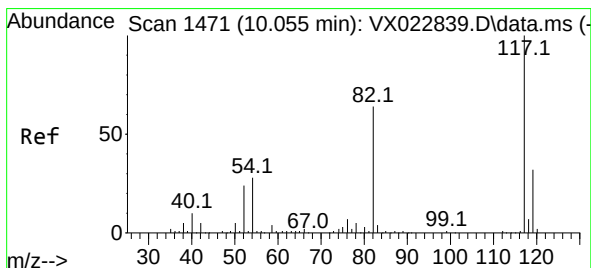
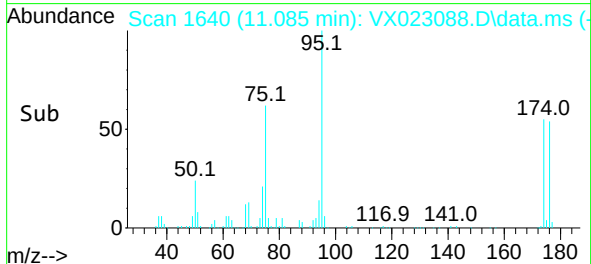
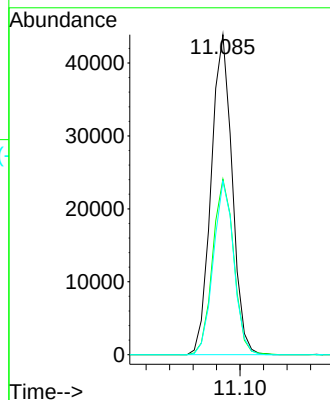
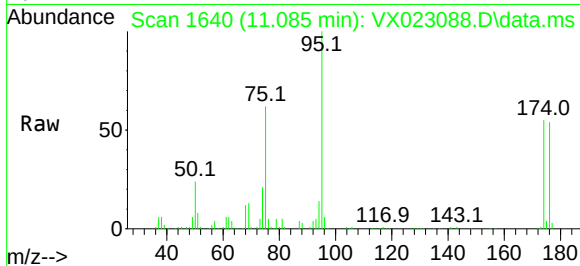




#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

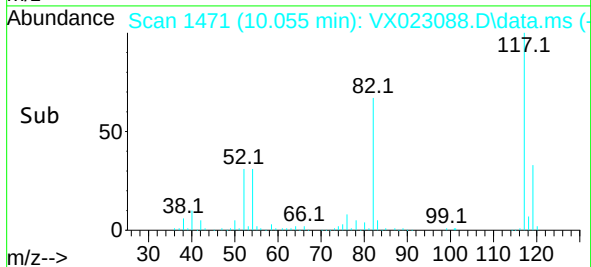
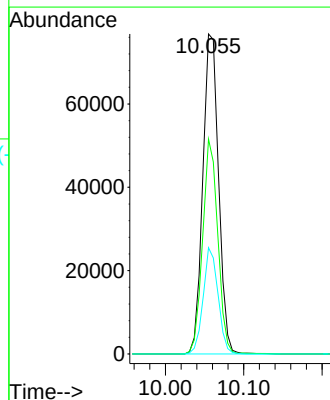
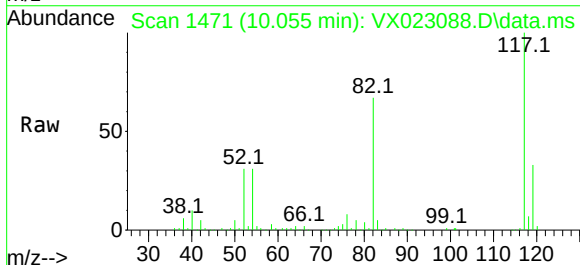
Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

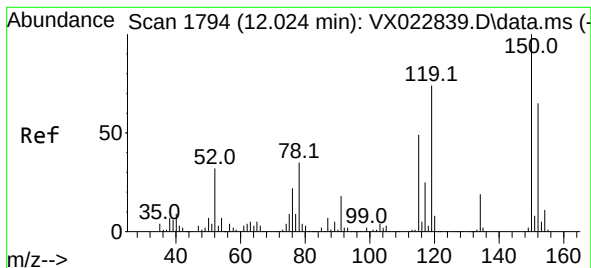
Tgt Ion: 95 Resp: 54331
Ion Ratio Lower Upper
95 100
174 55.1 0.0 154.6
176 52.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 117 Resp: 107309
Ion Ratio Lower Upper
117 100
82 67.1 47.4 71.2
119 33.2 26.6 39.8

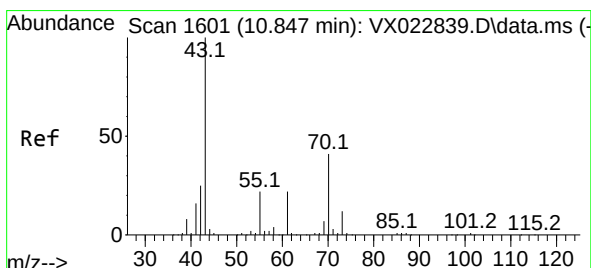
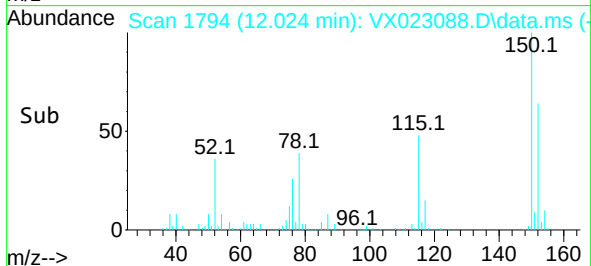
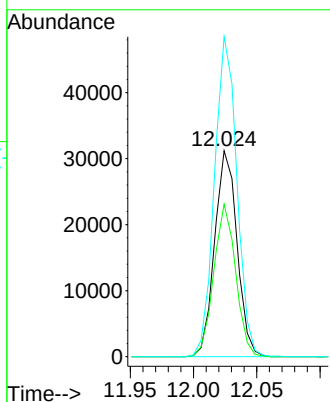
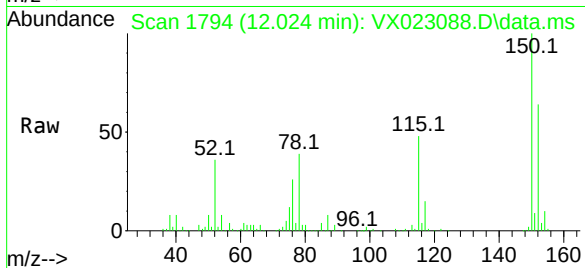




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

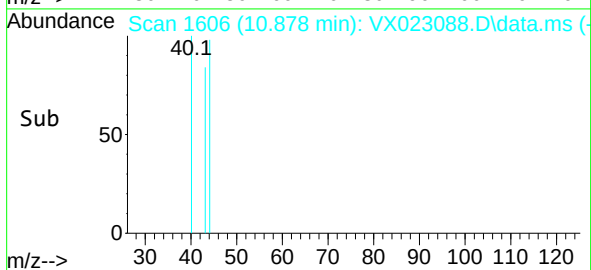
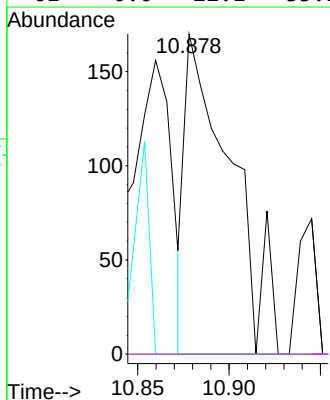
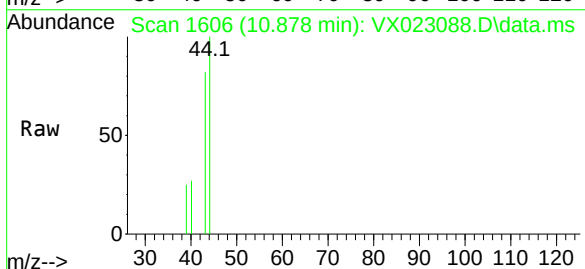
Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

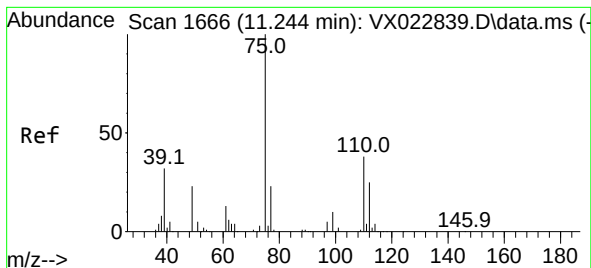
Tgt Ion:152 Resp: 38360
Ion Ratio Lower Upper
152 100
115 72.3 41.1 123.3
150 155.3 0.0 349.0



#74
N-ethyl acetate
Concen: 2.211 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.031 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 43 Resp: 298
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#

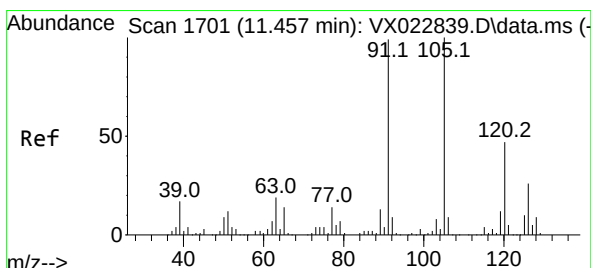
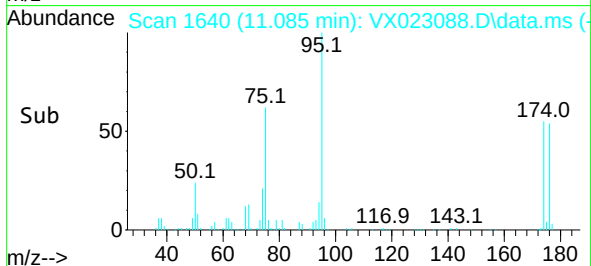
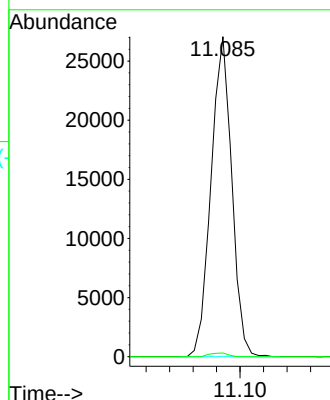
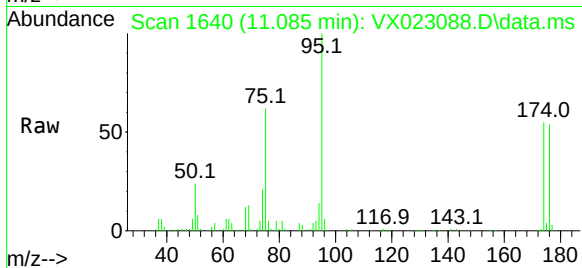




#76
1,2,3-Trichloropropane
Concen: 32.664 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

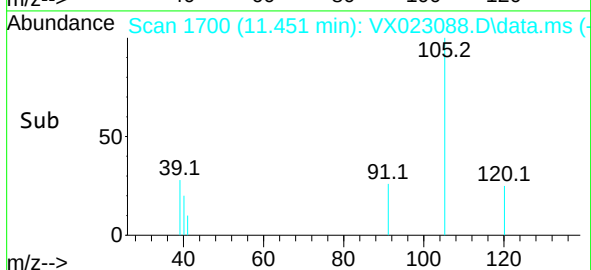
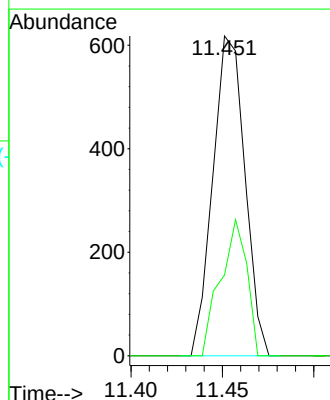
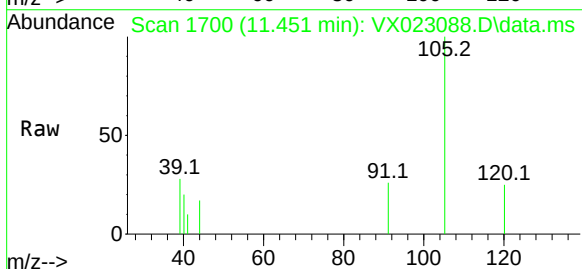
Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

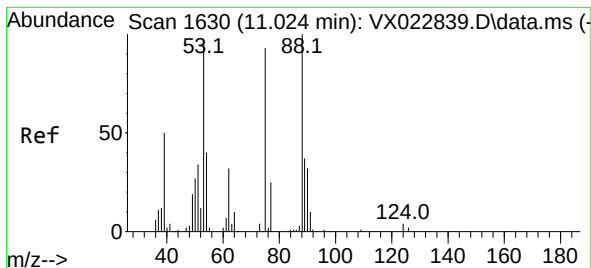
Tgt Ion: 75 Resp: 33096
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.283 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 105 Resp: 755
Ion Ratio Lower Upper
105 100
120 35.0 23.8 71.5

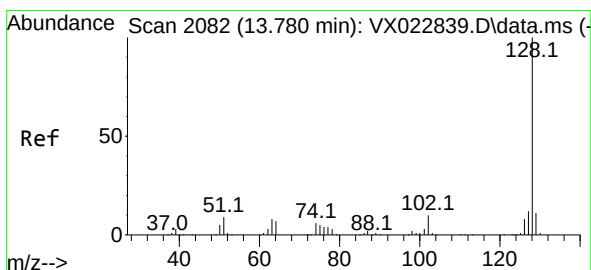
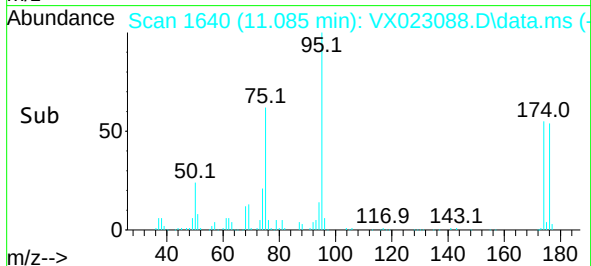
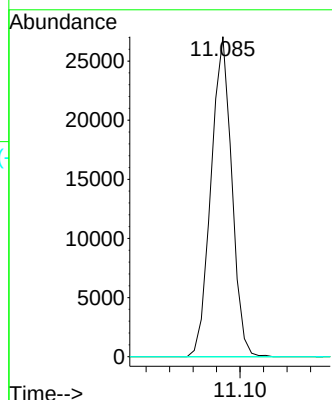
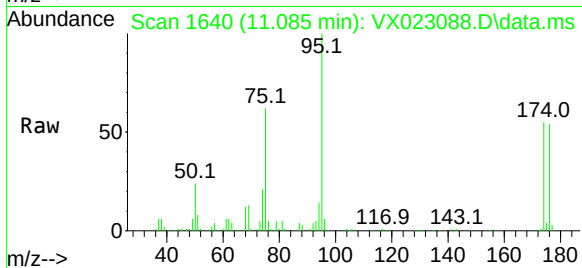




#81
trans-1,4-Dichloro-2-butene
Concen: 83.248 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Instrument :
MSVOA_X
ClientSampleId :
PB137446TB

Tgt Ion: 75 Resp: 33096
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.955 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023088.D
Acq: 01 Jul 2021 16:27

Tgt Ion: 128 Resp: 105
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

