

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023091.D
 Acq On : 01 Jul 2021 17:37
 Operator : JC/MD
 Sample : PB137454ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137454ZHE#02

Quant Time: Jul 02 04:31:38 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)

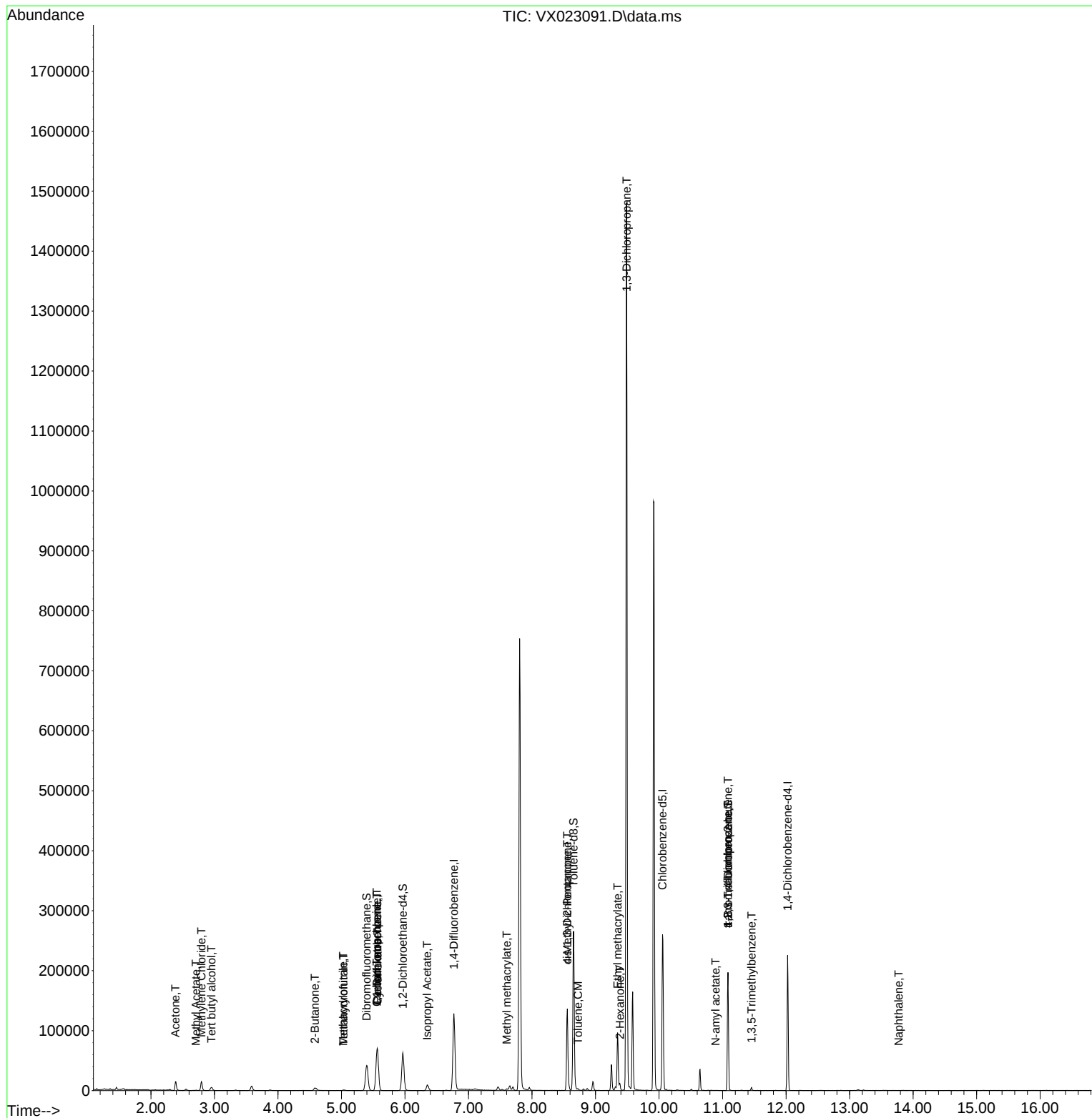
Internal Standards						
1) Pentafluorobenzene	5.562	168	52645	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61235	64.094	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 128.180%#			
35) Dibromofluoromethane	5.397	113	35853	51.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.653	98	141065	52.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.100%			
62) 4-Bromofluorobenzene	11.085	95	51048	50.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.940%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.952	59	3856	19.365	ug/l	# 73
16) Acetone	2.385	43	16215	38.283	ug/l	# 83
18) Methyl Acetate	2.708	43	1094	1.050	ug/l	# 66
20) Methylene Chloride	2.794	84	5907	7.352	ug/l	# 79
25) 2-Butanone	4.580	43	2955	4.486	ug/l	# 86
29) Tetrahydrofuran	5.031	42	771	1.820	ug/l	# 88
31) Cyclohexane	5.568	56	2171	1.610	ug/l	# 40
36) 1,1-Dichloropropene	5.556	75	6544	5.658	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	7403	7.631	ug/l	# 12
41) Methacrylonitrile	5.025	41	514	0.696	ug/l	# 42
43) Isopropyl Acetate	6.348	43	12788	5.936	ug/l	# 91
48) Methyl methacrylate	7.604	41	3311	3.321	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	49821	37.161	ug/l	# 45
52) Toluene	8.726	92	532	0.264	ug/l	90
54) cis-1,3-Dichloropropene	8.555	75	18885	14.826	ug/l	# 70
56) Ethyl methacrylate	9.348	69	623	2.975	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	11458	7.792	ug/l	# 42
59) 2-Hexanone	9.384	43	5724	5.628	ug/l	# 19
74) N-amyl acetate	10.890	43	339	2.246	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	31254	33.274	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2195	0.888	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	31254	84.681	ug/l	# 12
95) Naphthalene	13.774	128	98	1.955	ug/l	# 69

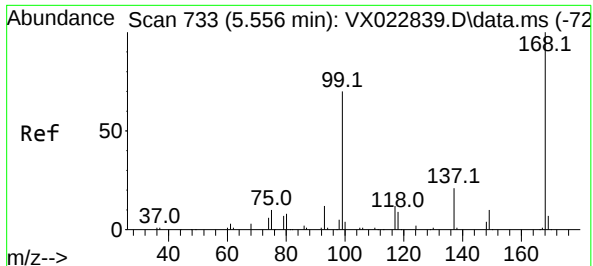
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX023091.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

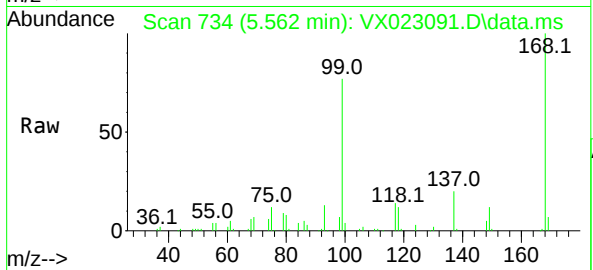
Quant Time: Jul 02 04:31:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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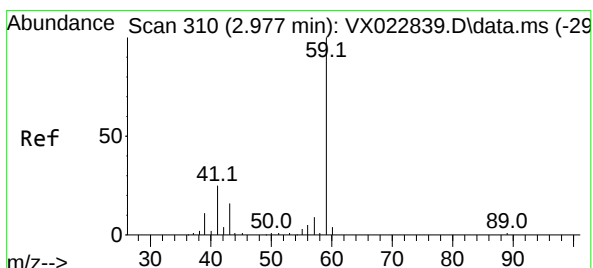
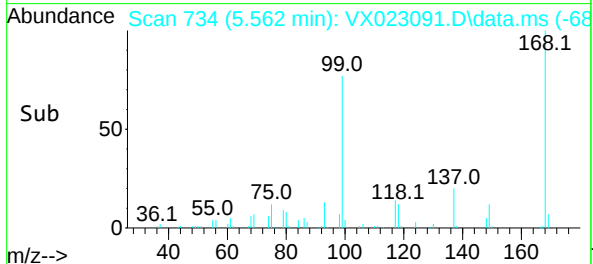
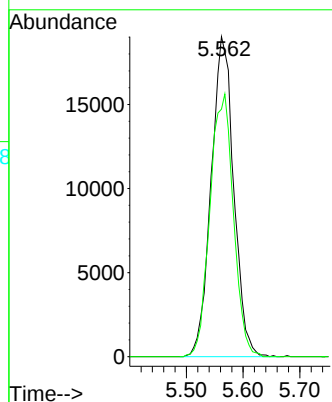


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

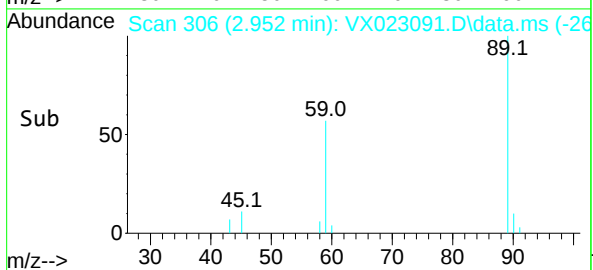
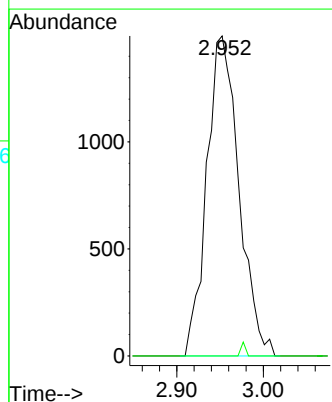
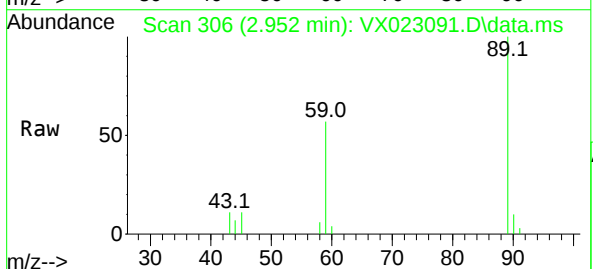


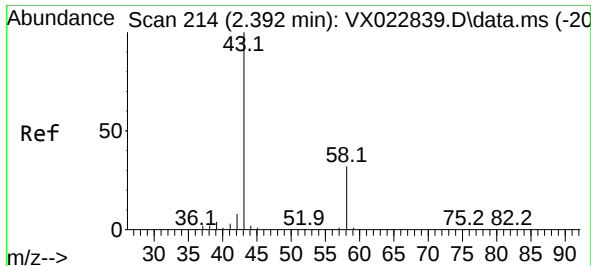
Tgt Ion:168 Resp: 52645
Ion Ratio Lower Upper
168 100
99 77.4 45.8 68.6#



#11
Tert butyl alcohol
Concen: 19.365 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 59 Resp: 3856
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

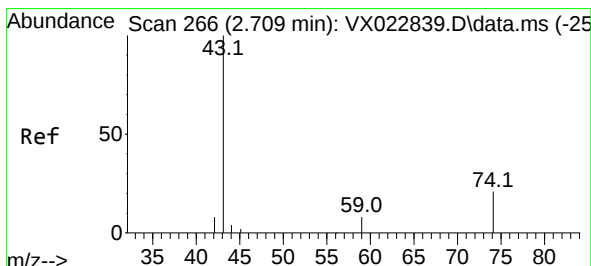
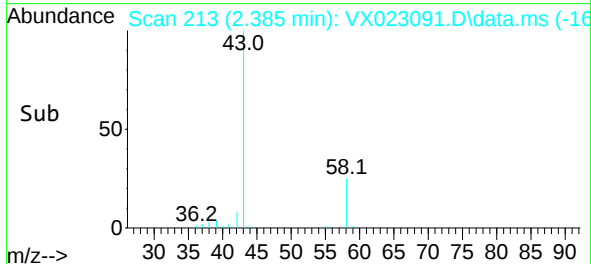
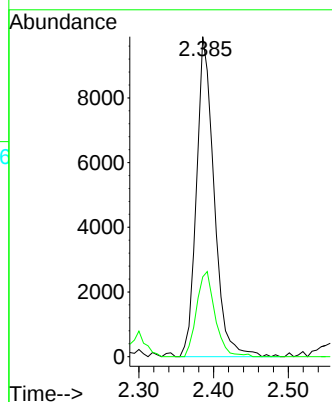
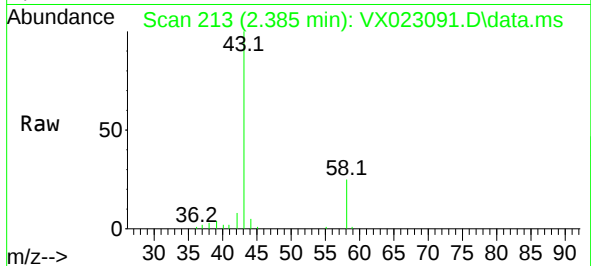




#16
Acetone
Concen: 38.283 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

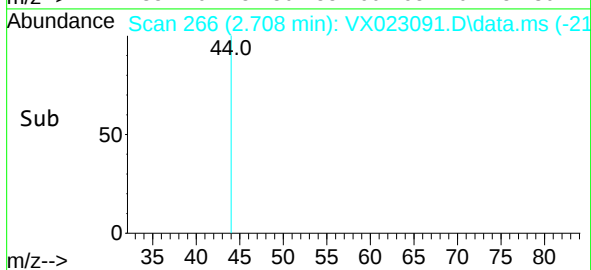
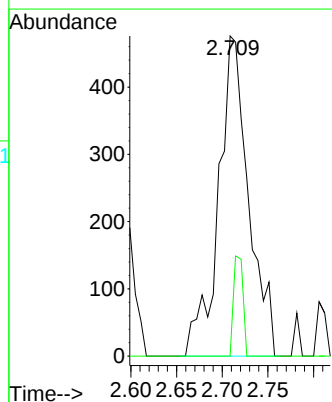
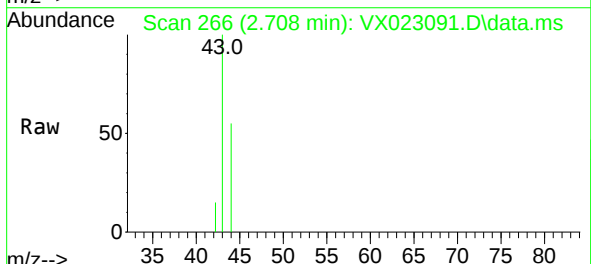
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

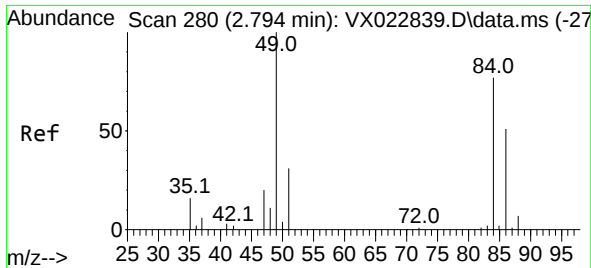
Tgt Ion: 43 Resp: 16215
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#



#18
Methyl Acetate
Concen: 1.050 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.001 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
74 9.8 21.9 32.9#





#20

Methylene Chloride

Concen: 7.352 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX023091.D

Acq: 01 Jul 2021 17:37

Tgt Ion: 84 Resp: 5907

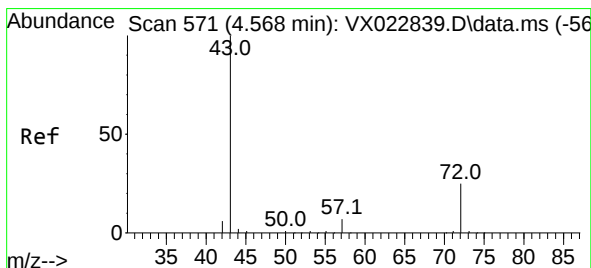
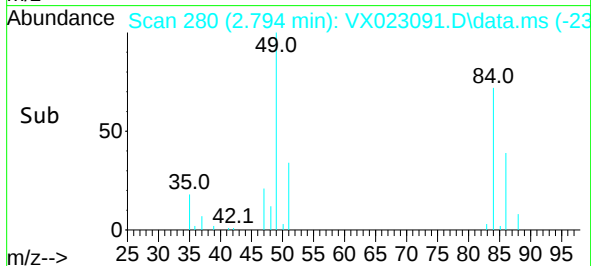
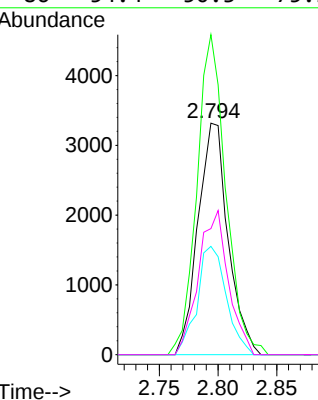
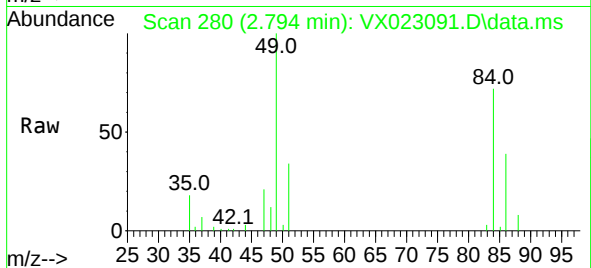
Ion Ratio Lower Upper

84 100

49 138.2 88.6 132.8#

51 46.8 27.0 40.6#

86 54.4 50.3 75.5



#25

2-Butanone

Concen: 4.486 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX023091.D

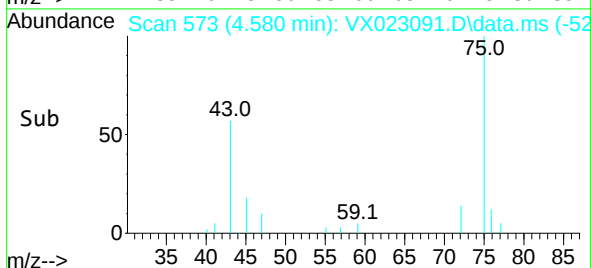
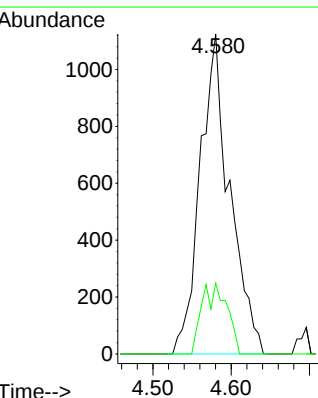
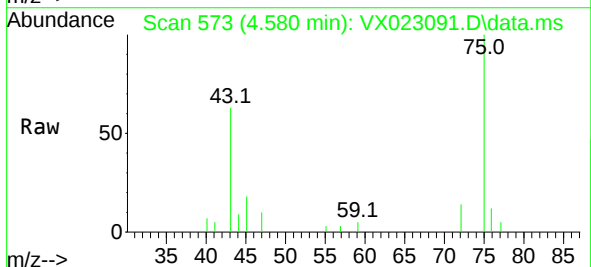
Acq: 01 Jul 2021 17:37

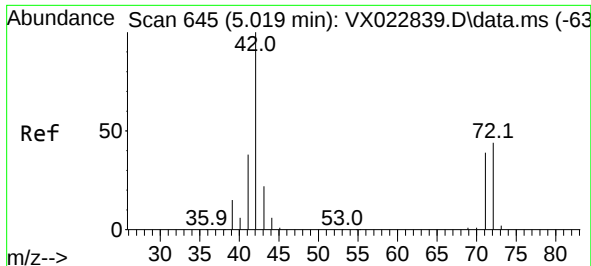
Tgt Ion: 43 Resp: 2955

Ion Ratio Lower Upper

43 100

72 22.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.820 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX023091.D

Acq: 01 Jul 2021 17:37

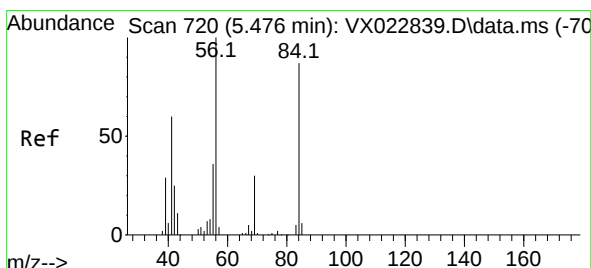
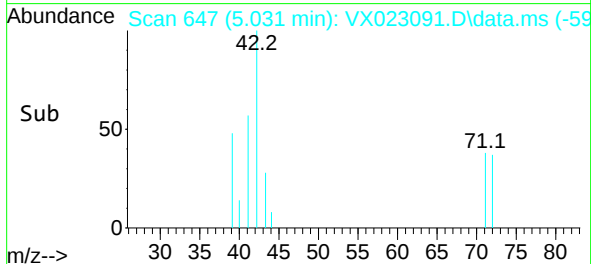
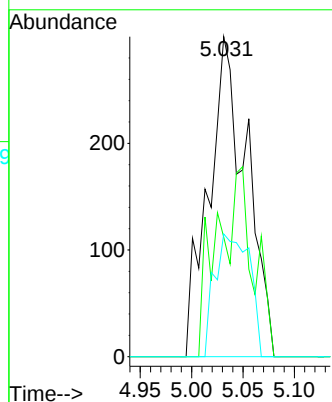
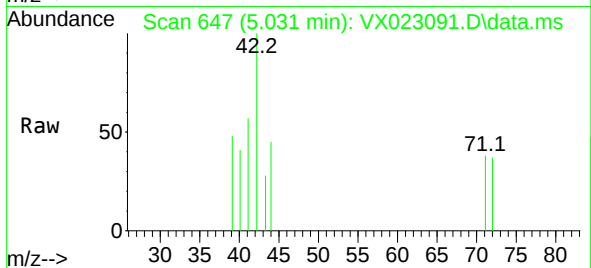
Instrument :

MSVOA_X

ClientSampleId :

PB137454ZHE#02

Tgt Ion:	42	Resp:	771
Ion	Ratio	Lower	Upper
42	100		
72	56.5	41.7	62.5
71	35.1	38.4	57.6#



#31

Cyclohexane

Concen: 1.610 ug/l

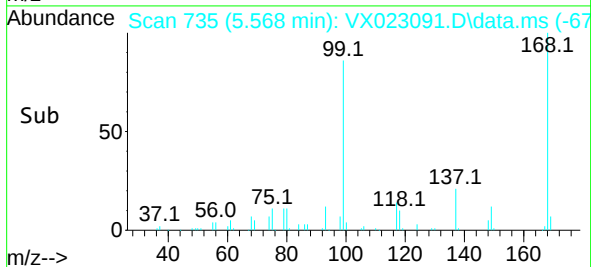
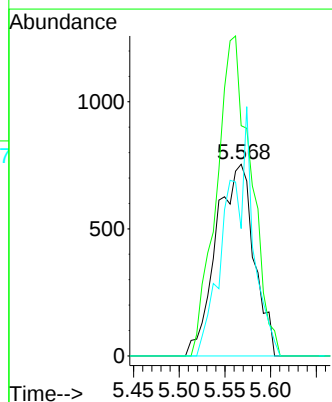
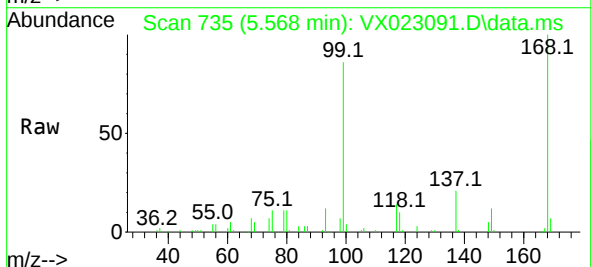
RT: 5.568 min Scan# 735

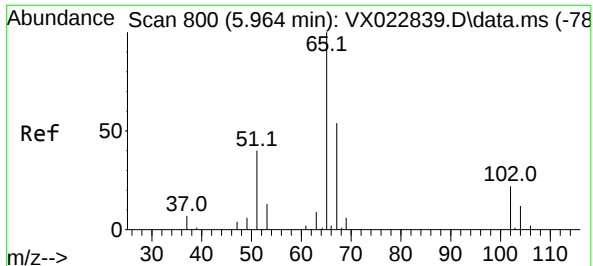
Delta R.T. 0.092 min

Lab File: VX023091.D

Acq: 01 Jul 2021 17:37

Tgt Ion:	56	Resp:	2171
Ion	Ratio	Lower	Upper
56	100		
69	120.2	25.3	37.9#
84	66.4	71.4	107.0#



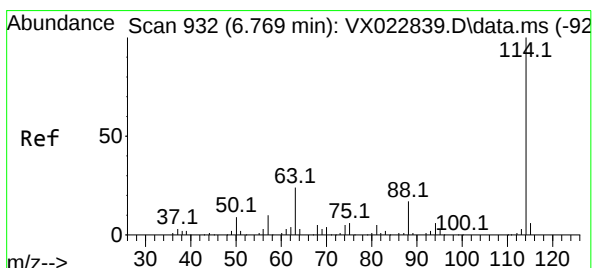
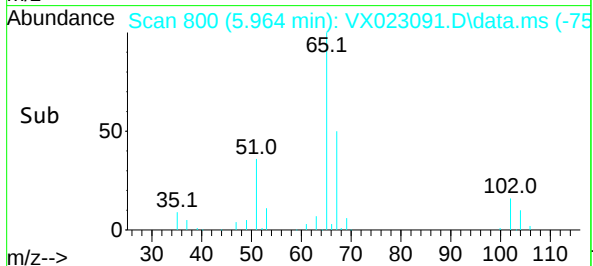
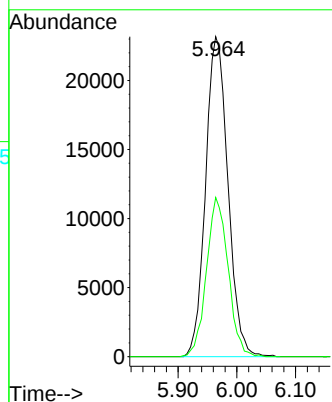
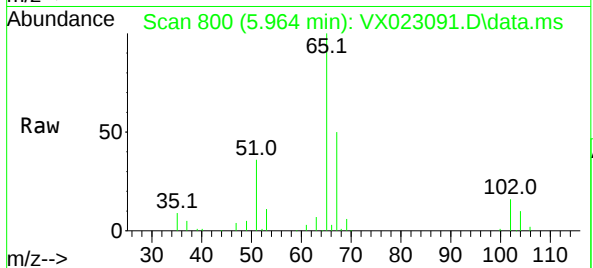


#33

1,2-Dichloroethane-d4
Concen: 64.094 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

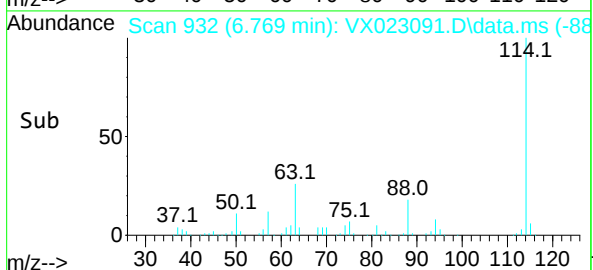
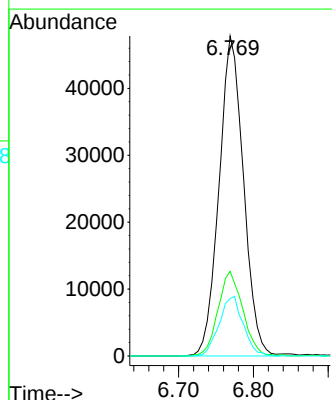
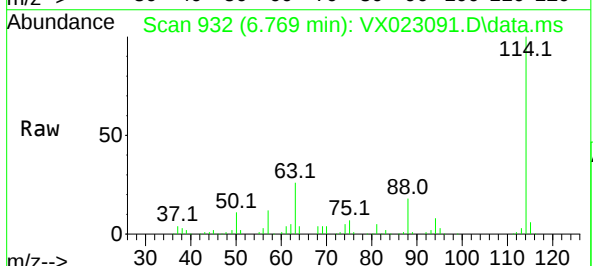
Tgt Ion: 65 Resp: 61235
Ion Ratio Lower Upper
65 100
67 48.3 0.0 105.4

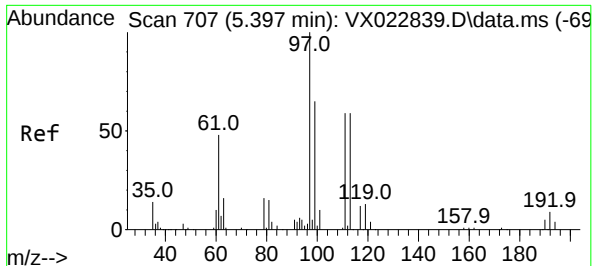


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 114 Resp: 108899
Ion Ratio Lower Upper
114 100
63 26.4 0.0 40.8
88 17.9 0.0 32.8

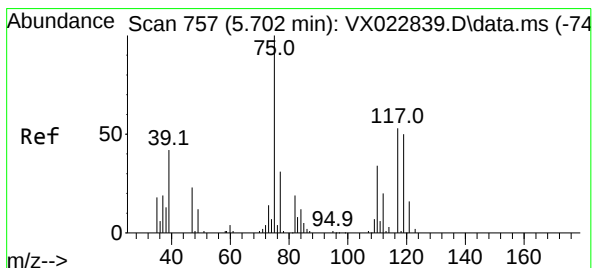
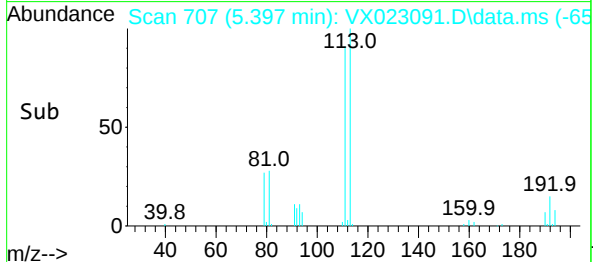
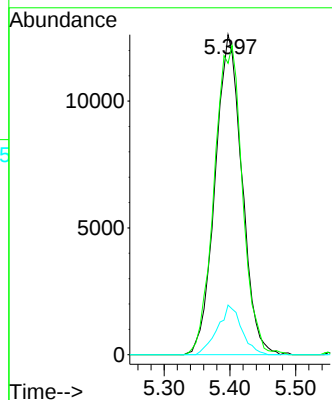
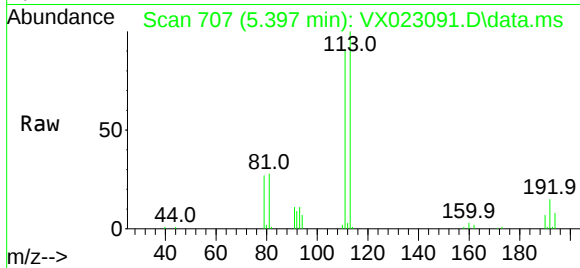




#35
Dibromofluoromethane
Concen: 51.846 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

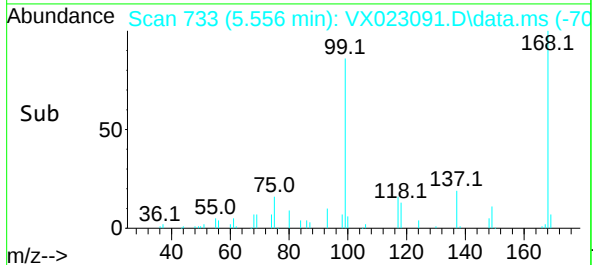
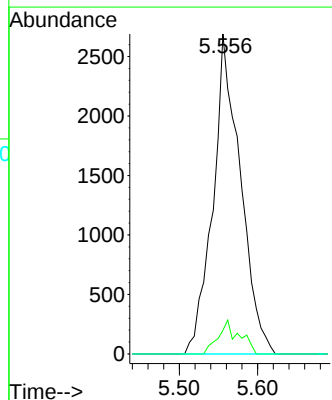
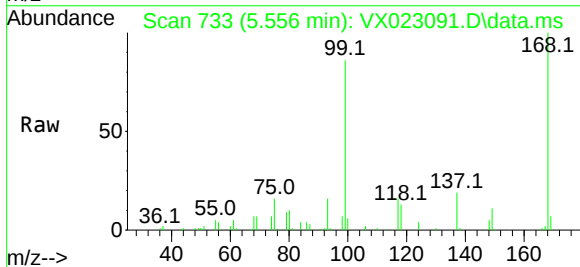
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

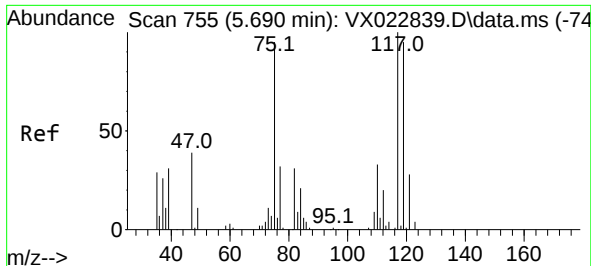
Tgt Ion:113 Resp: 35853
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 13.9 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.658 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

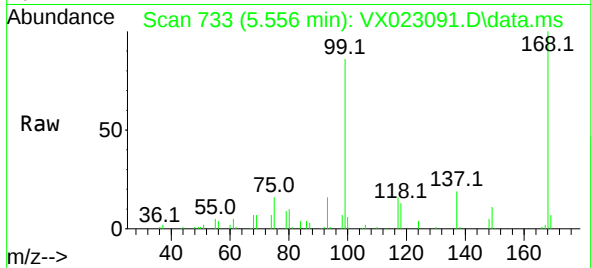
Tgt Ion: 75 Resp: 6544
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



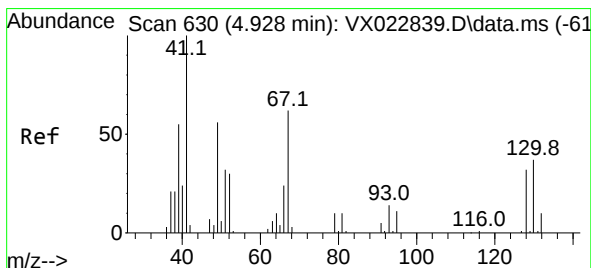
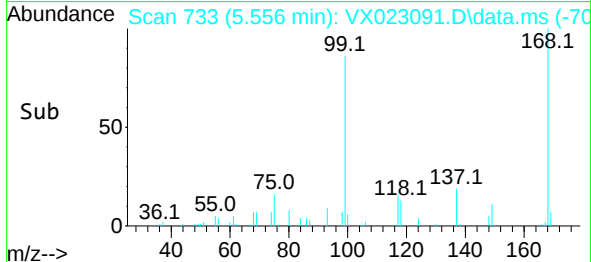
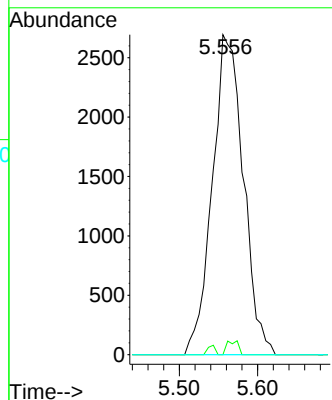


#38
Carbon Tetrachloride
Concen: 7.631 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

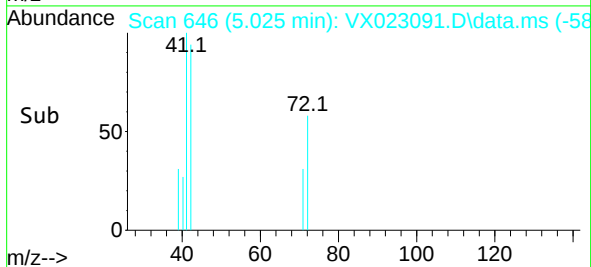
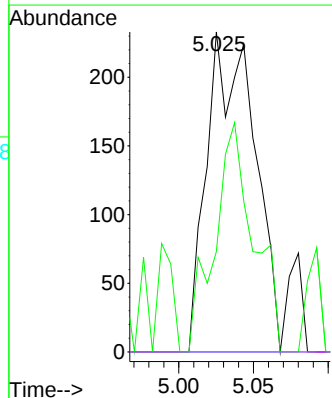
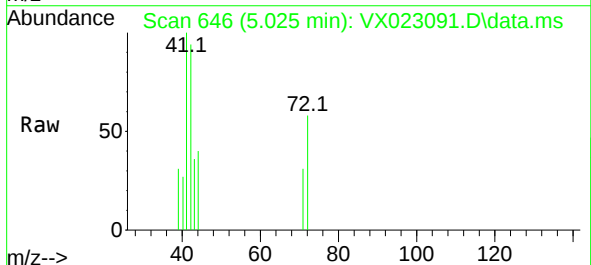


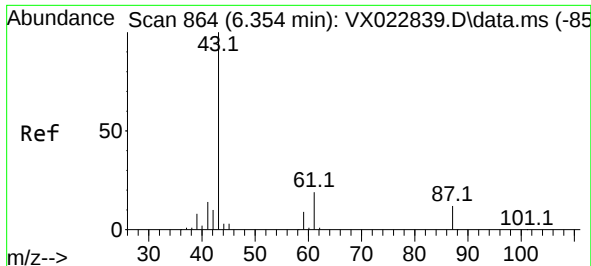
Tgt Ion:117 Resp: 7403
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.696 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 41 Resp: 514
Ion Ratio Lower Upper
41 100
39 59.5 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

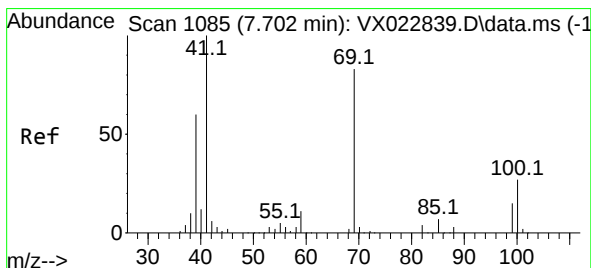
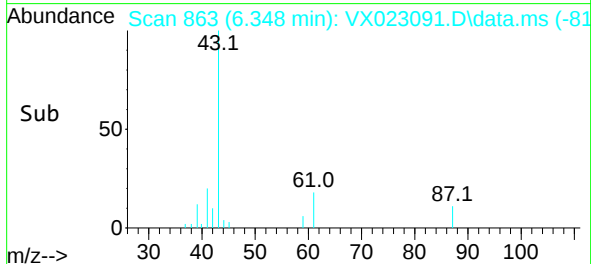
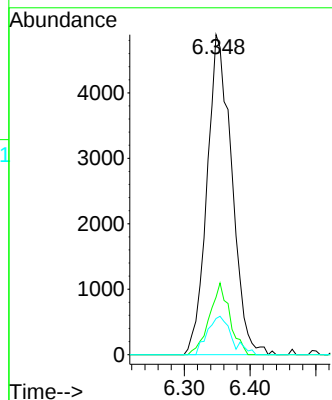
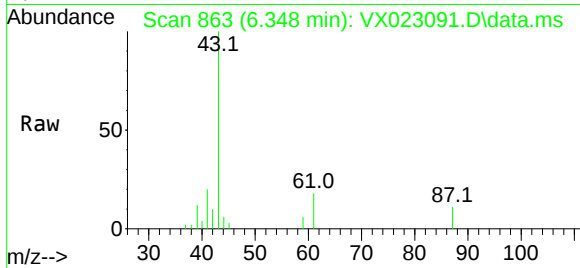




#43
Isopropyl Acetate
Concen: 5.936 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

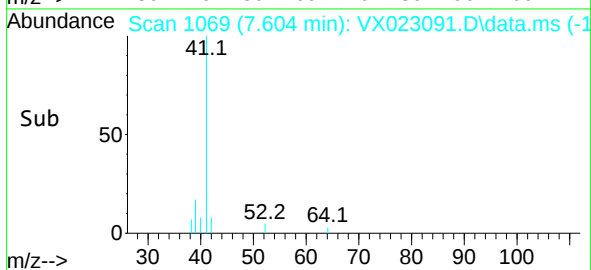
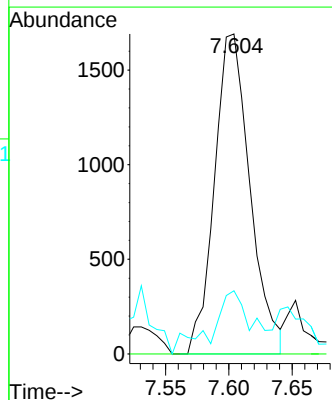
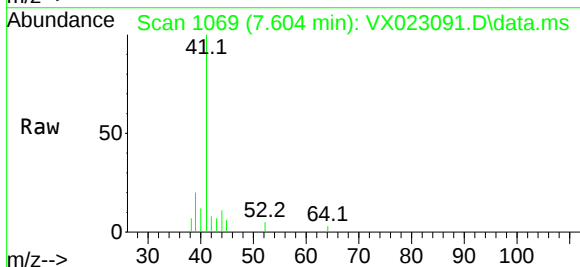
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

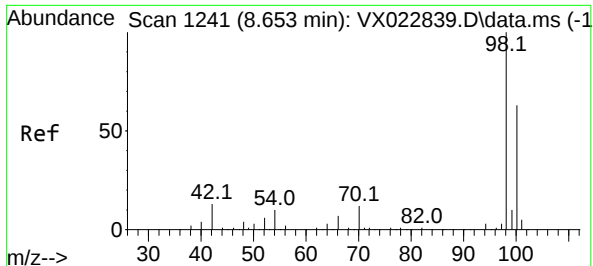
Tgt Ion: 43 Resp: 12788
Ion Ratio Lower Upper
43 100
61 18.4 18.2 27.4
87 11.7 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.321 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 41 Resp: 3311
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

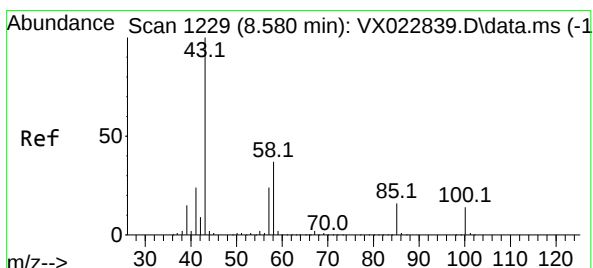
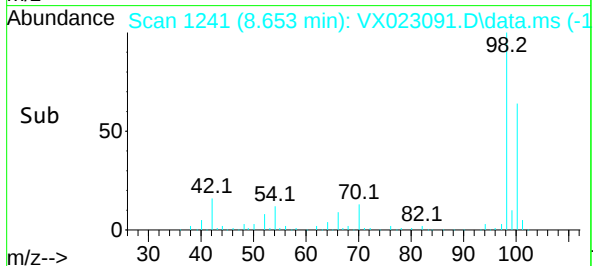
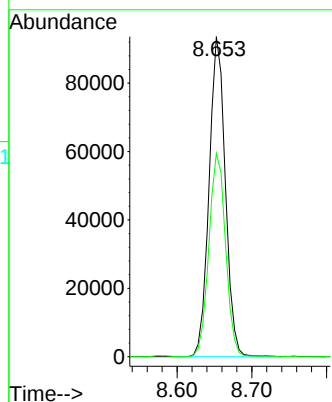
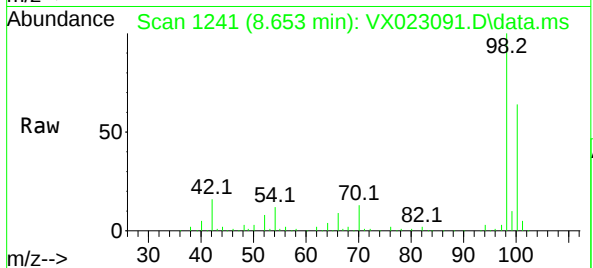




#50
Toluene-d8
Concen: 52.049 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

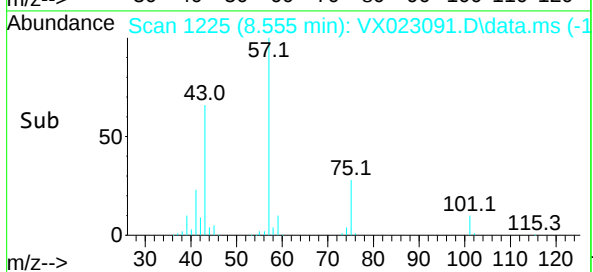
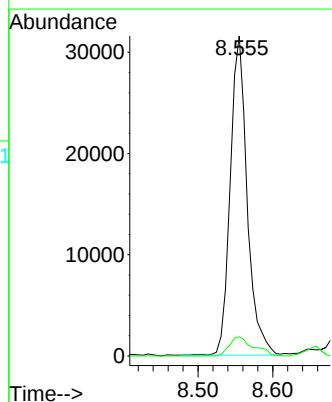
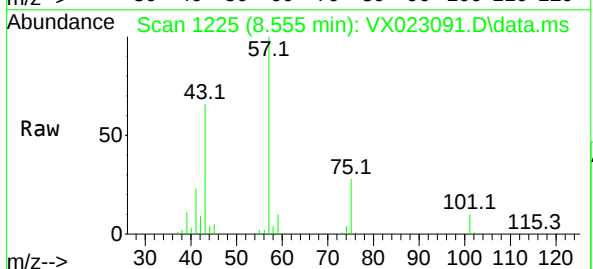
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

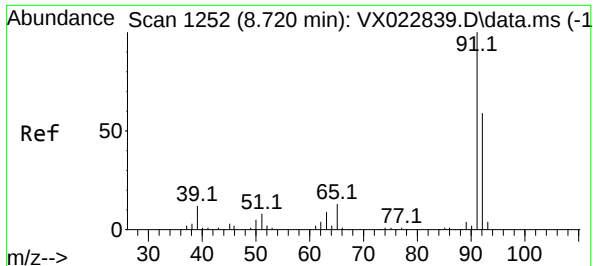
Tgt Ion: 98 Resp: 141065
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 37.161 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 43 Resp: 49821
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#

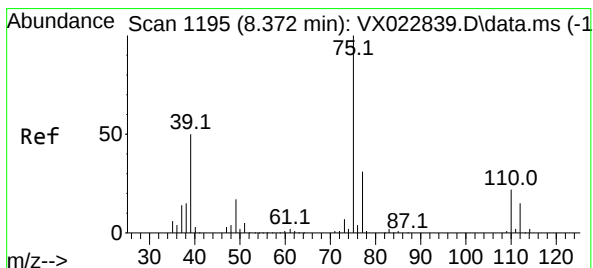
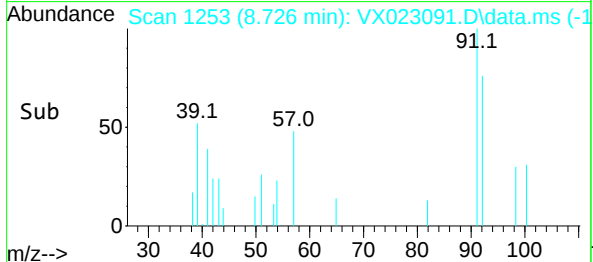
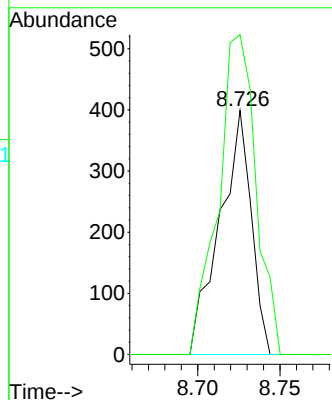
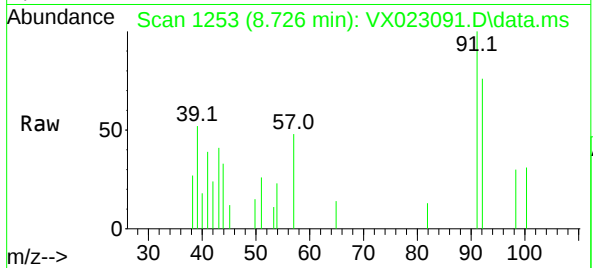




#52
Toluene
Concen: 0.264 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

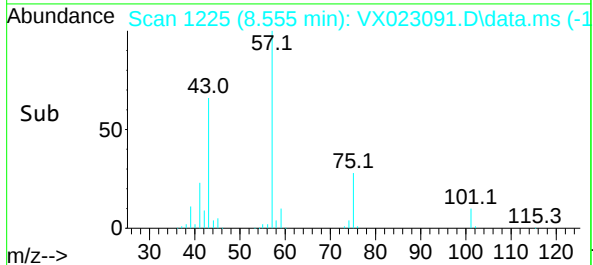
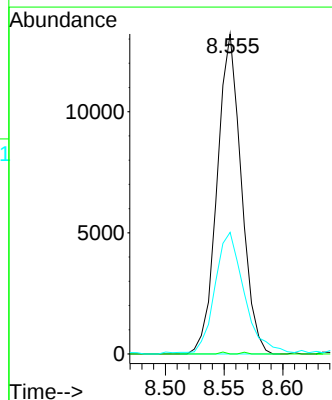
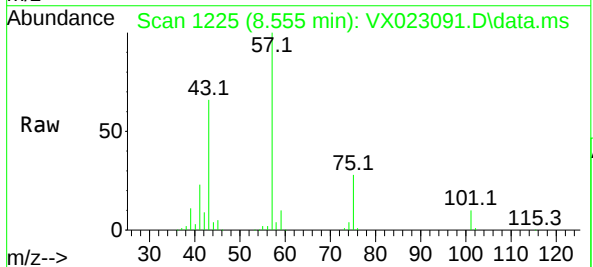
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

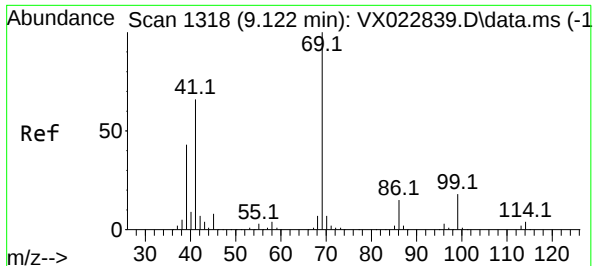
Tgt Ion: 92 Resp: 532
Ion Ratio Lower Upper
92 100
91 157.3 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.826 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 75 Resp: 18885
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 37.5 35.1 52.7

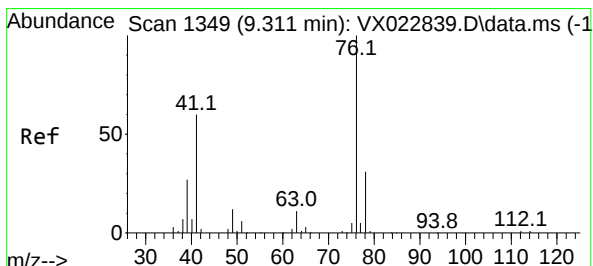
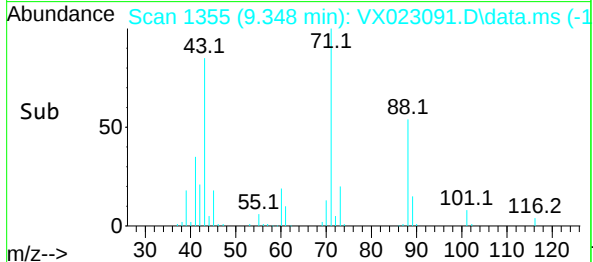
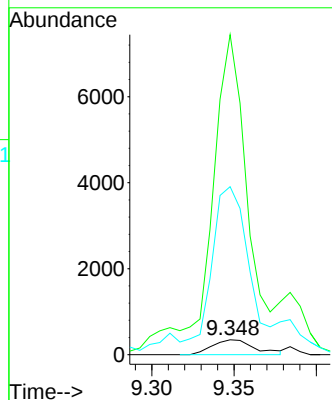
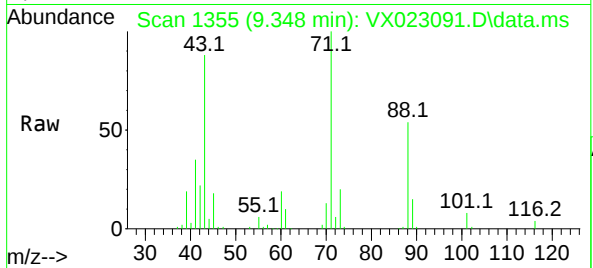




#56
Ethyl methacrylate
Concen: 2.975 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

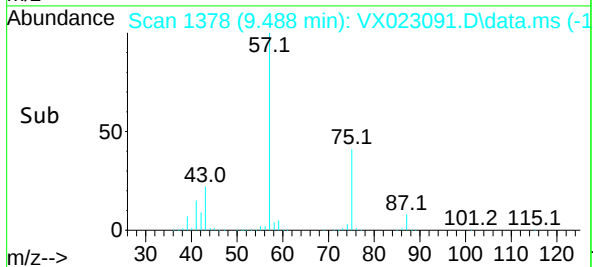
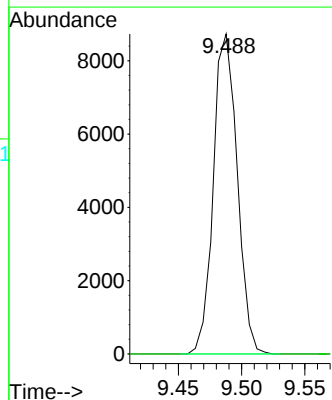
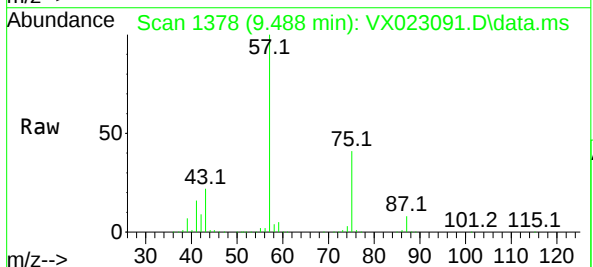
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

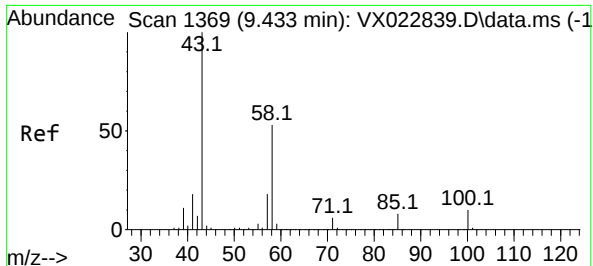
Tgt Ion: 69 Resp: 623
Ion Ratio Lower Upper
69 100
41 1756.8 46.8 70.2#
39 837.1 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.792 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 76 Resp: 11458
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

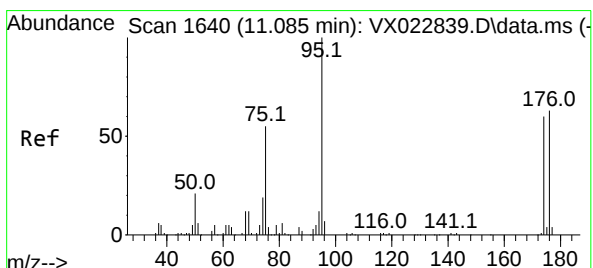
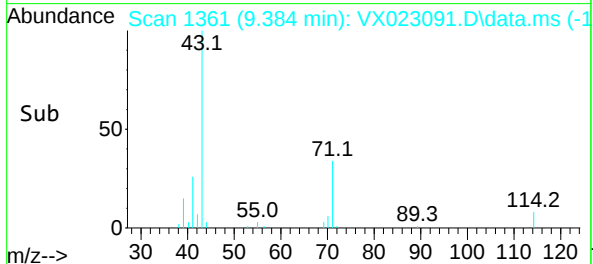
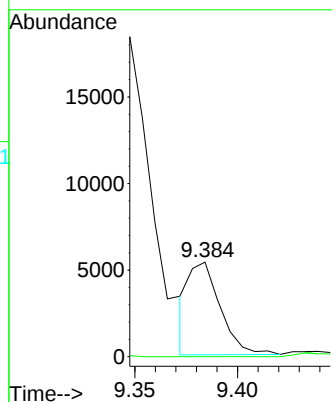
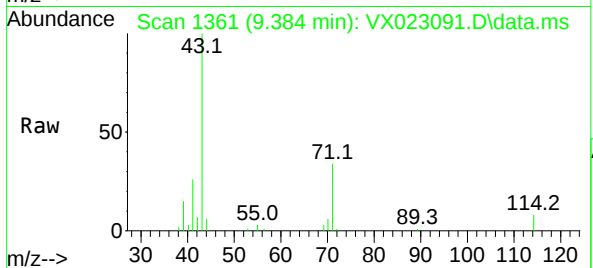




#59
2-Hexanone
Concen: 5.628 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

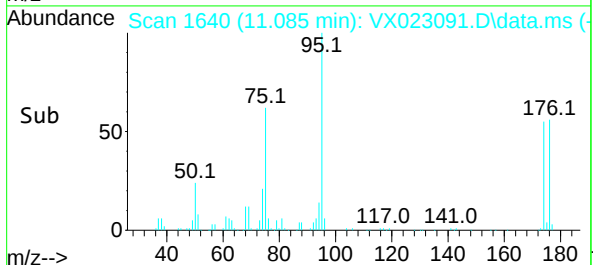
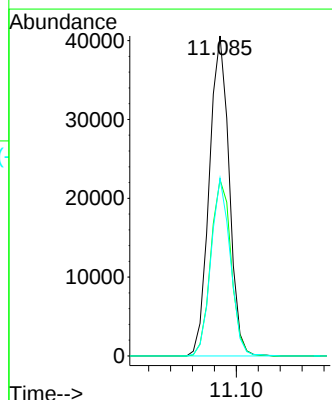
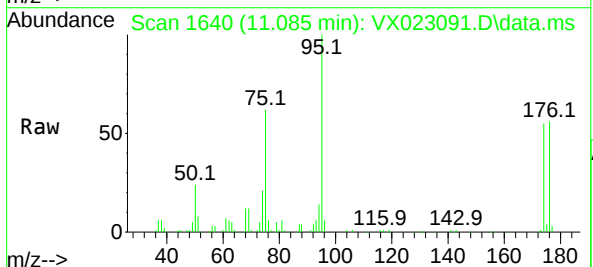
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

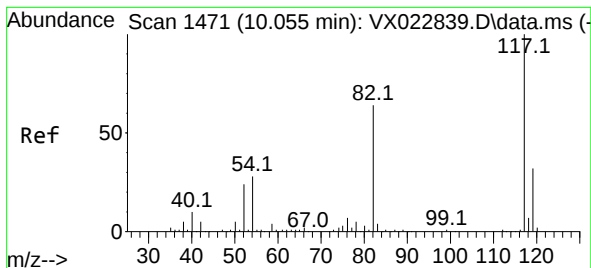
Tgt Ion: 43 Resp: 5724
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 50.468 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 95 Resp: 51048
Ion Ratio Lower Upper
95 100
174 56.5 0.0 154.6
176 54.3 0.0 155.8

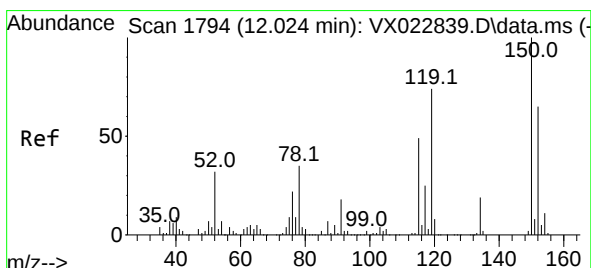
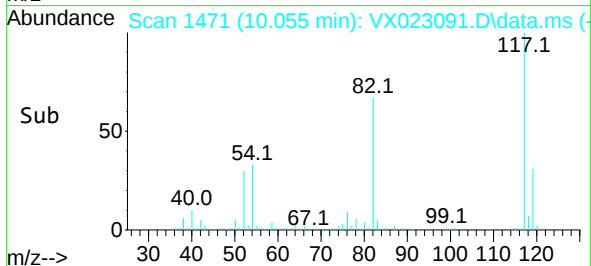
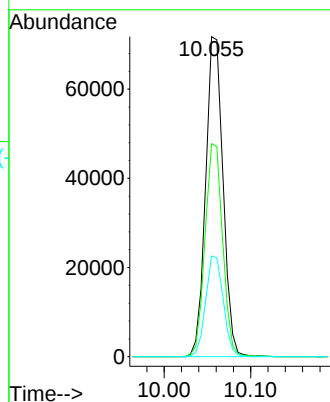
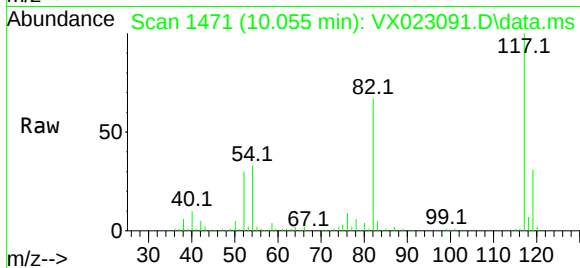




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

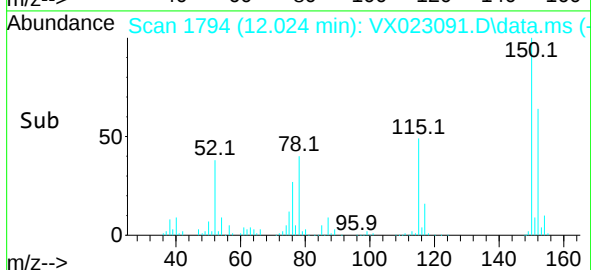
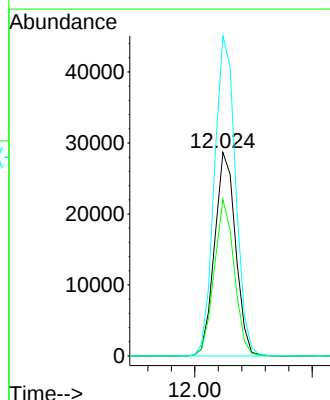
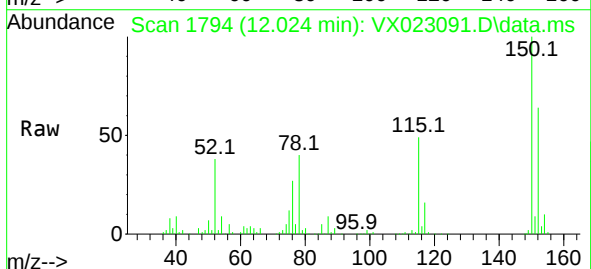
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

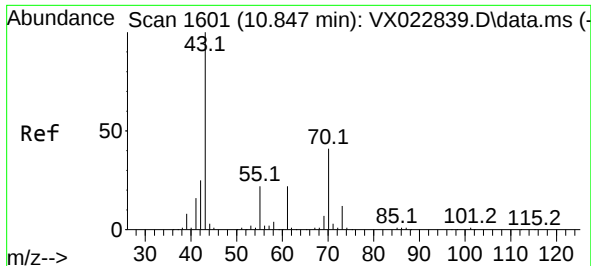
Tgt Ion:117 Resp: 100381
Ion Ratio Lower Upper
117 100
82 66.5 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion:152 Resp: 35561
Ion Ratio Lower Upper
152 100
115 73.2 41.1 123.3
150 158.6 0.0 349.0

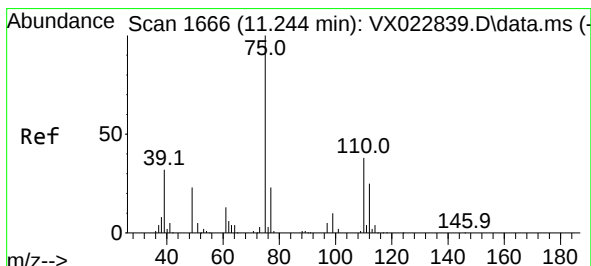
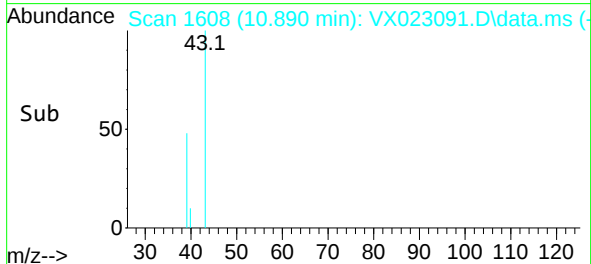
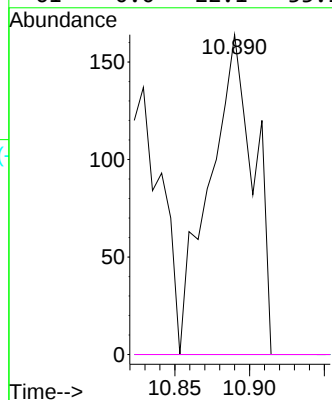
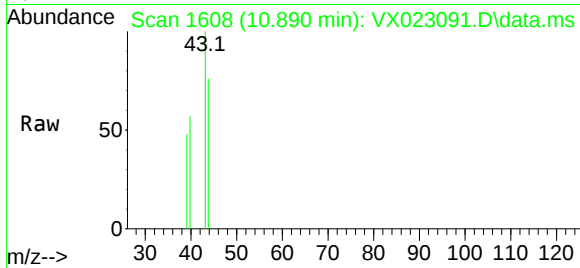




#74
N-amy1 acetate
Concen: 2.246 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.043 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

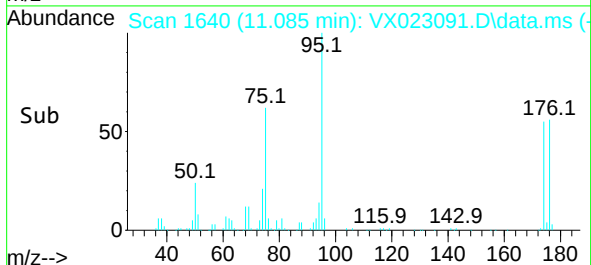
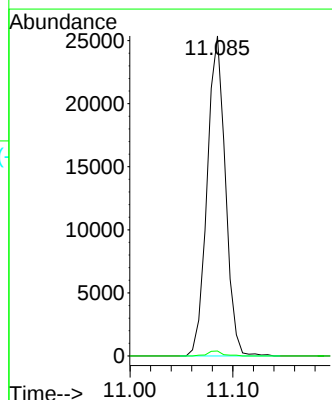
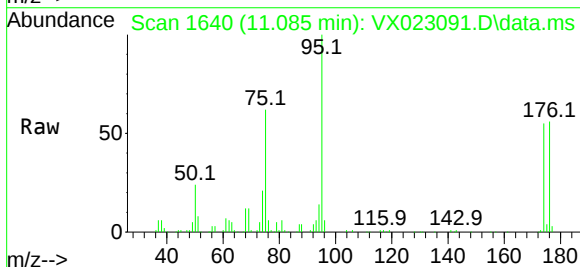
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

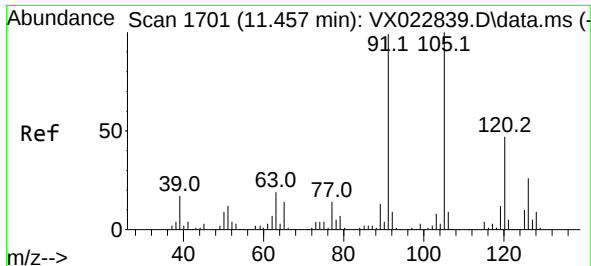
Tgt Ion: 43	Resp:	339
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 33.274 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Tgt Ion: 75	Resp:	31254
Ion	Ratio	Lower Upper
75	100	
77	1.3	19.1 57.5#

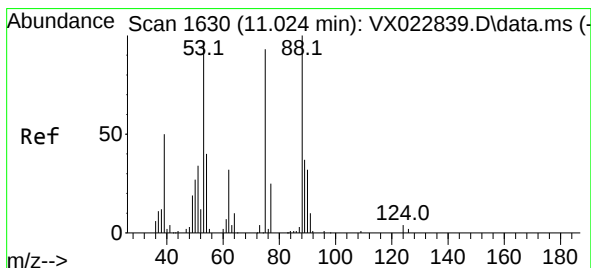
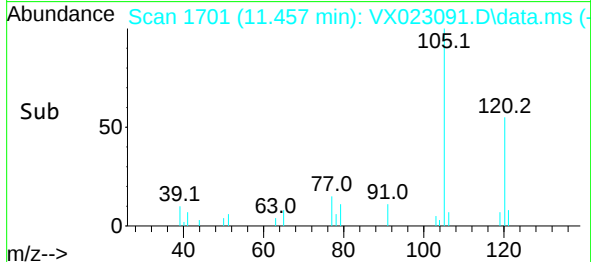
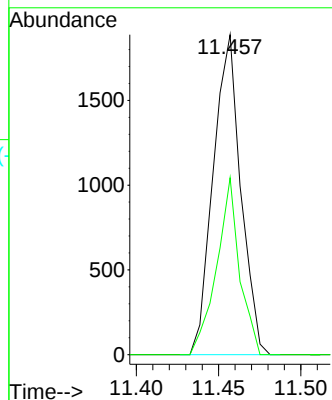
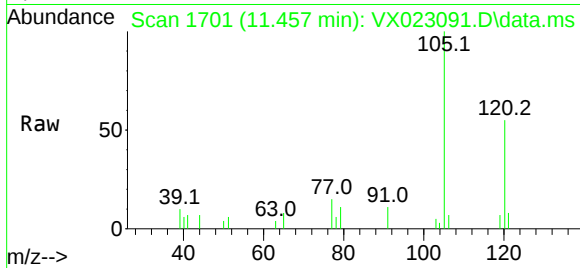




#80
1,3,5-Trimethylbenzene
Concen: 0.888 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

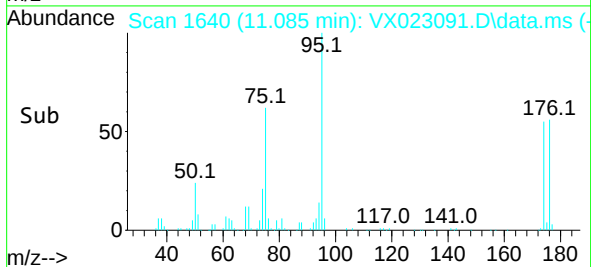
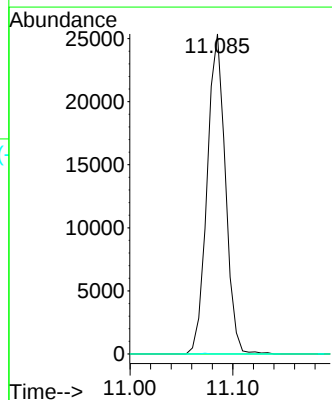
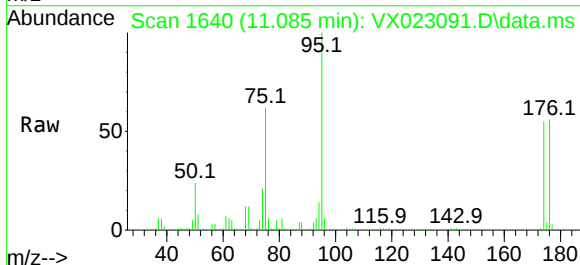
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02

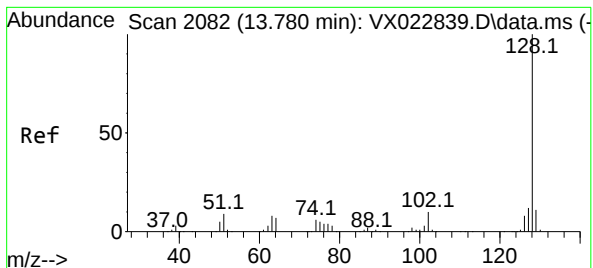
Tgt Ion:105 Resp: 2195
Ion Ratio Lower Upper
105 100
120 46.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 84.681 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

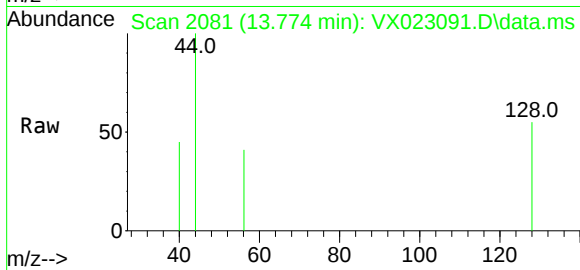
Tgt Ion: 75 Resp: 31254
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.955 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023091.D
Acq: 01 Jul 2021 17:37

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#02



Tgt Ion:128 Resp: 98
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

