

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026851.D
 Acq On : 09 Feb 2022 03:11
 Operator : JC/MD
 Sample : PB142539ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 09 05:21:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

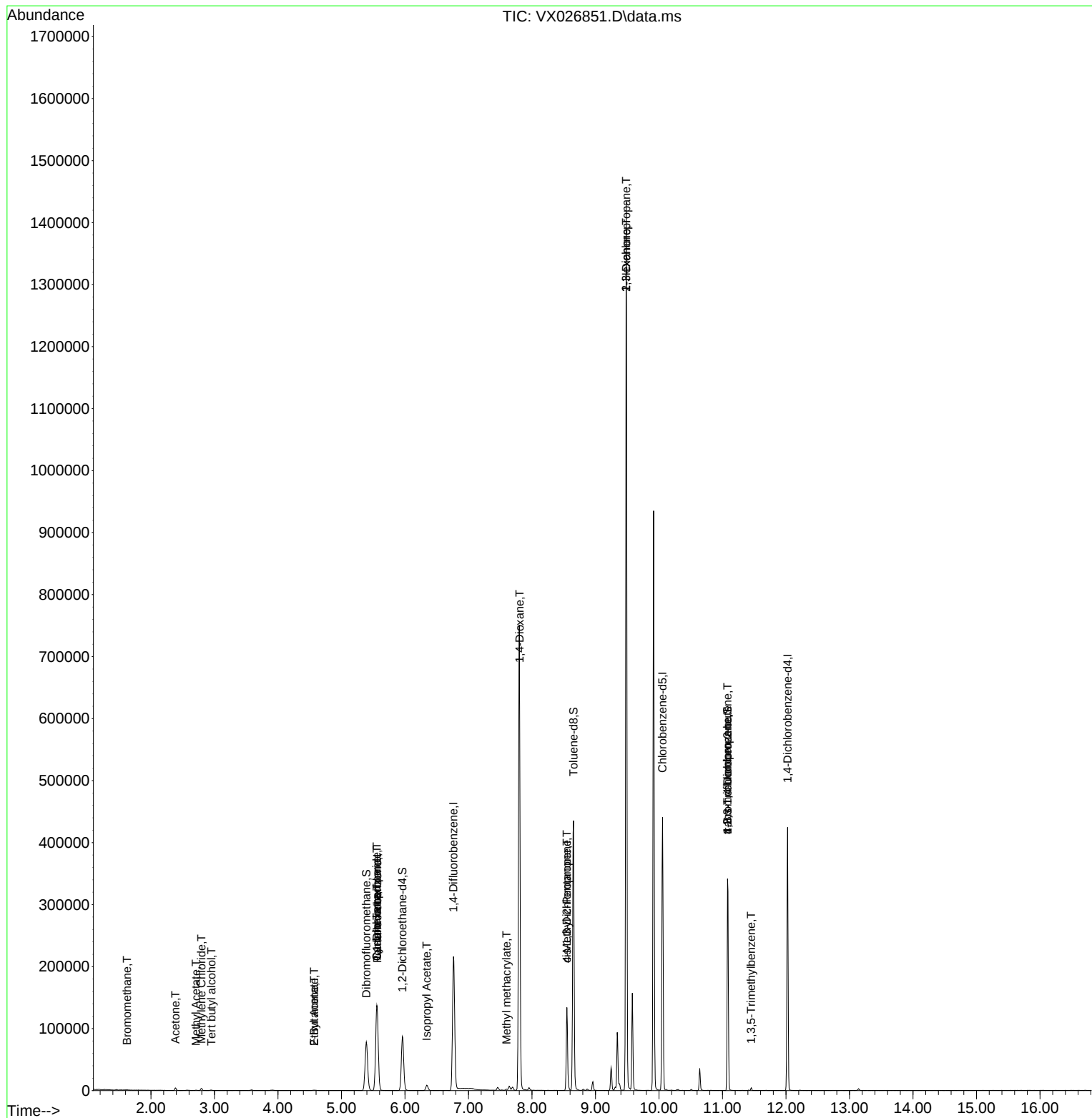
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	132404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84414	53.111	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.220%			
35) Dibromofluoromethane	5.391	113	68990	52.253	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	8.653	98	259209	53.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.960%			
62) 4-Bromofluorobenzene	11.079	95	94630	55.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.920%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	127	0.213	ug/l #	66
6) Chloroethane	1.703	64	66	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	490	1.707	ug/l #	75
16) Acetone	2.386	43	4851	6.949	ug/l	97
18) Methyl Acetate	2.709	43	826	0.411	ug/l #	87
20) Methylene Chloride	2.794	84	1621	1.072	ug/l #	95
25) 2-Butanone	4.568	43	873	0.776	ug/l	93
31) Cyclohexane	5.556	56	2624	1.039	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9950	4.777	ug/l #	50
37) Ethyl Acetate	4.568	43	873	0.369	ug/l #	69
38) Carbon Tetrachloride	5.556	117	13491	6.177	ug/l #	17
43) Isopropyl Acetate	6.342	43	11906	3.269	ug/l	99
48) Methyl methacrylate	7.598	41	3365	1.865	ug/l #	16
49) 1,4-Dioxane	7.806	88	69	2.219	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43906	19.894	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	20584	9.159	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	12002	4.804	ug/l #	43
59) 2-Hexanone	9.482	43	167134	103.533	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	46743	24.721	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2106	0.376	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	46743	75.441	ug/l #	3

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

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MSVOA_X
ClientSampleId :

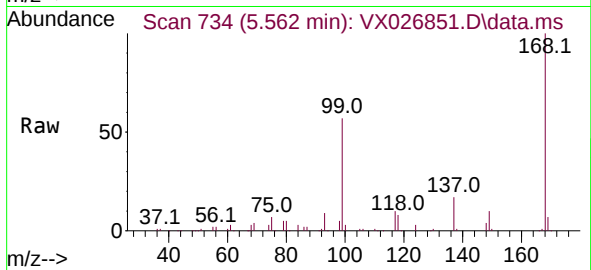
Quant Time: Feb 09 05:21:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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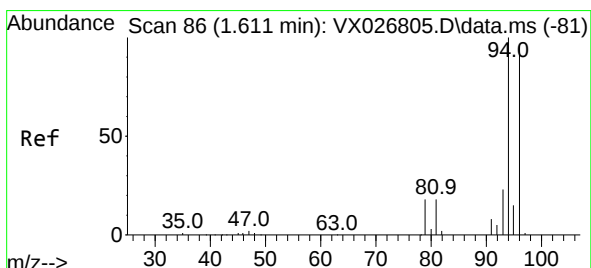
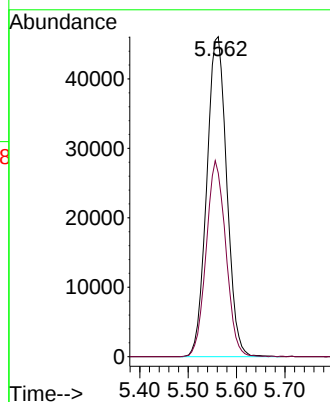
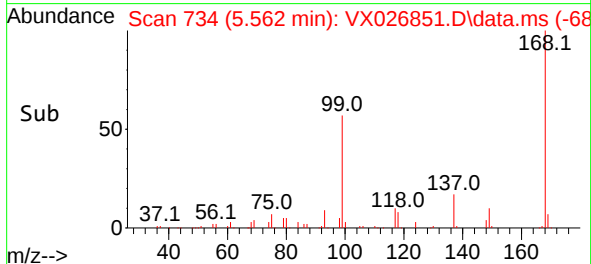


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Instrument :
MSVOA_X
ClientSampleId :

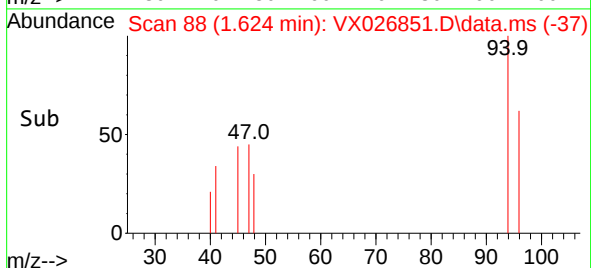
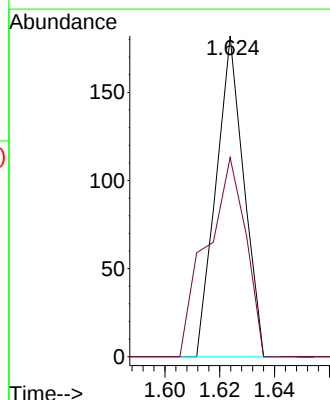
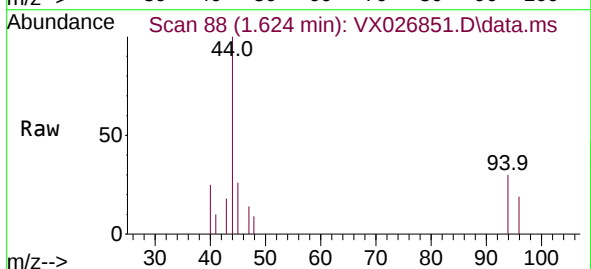


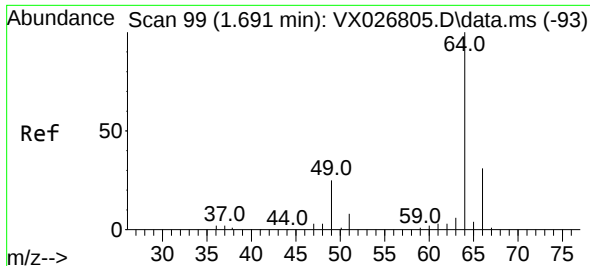
Tgt Ion:168 Resp: 132404
Ion Ratio Lower Upper
168 100
99 57.4 50.3 75.5



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Tgt Ion: 94 Resp: 127
Ion Ratio Lower Upper
94 100
96 62.1 75.9 113.9#

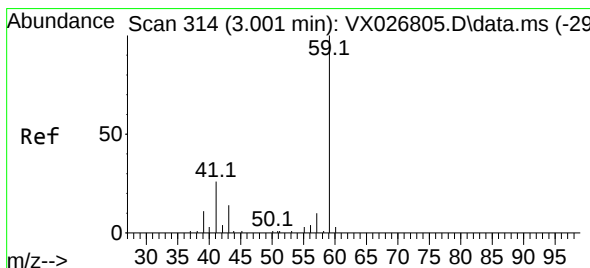
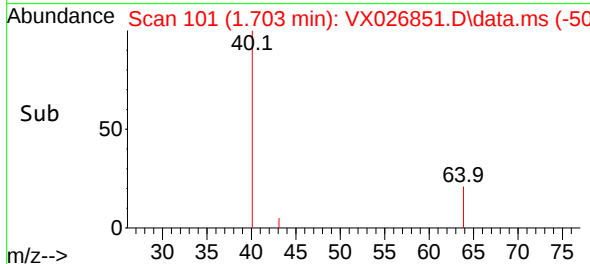
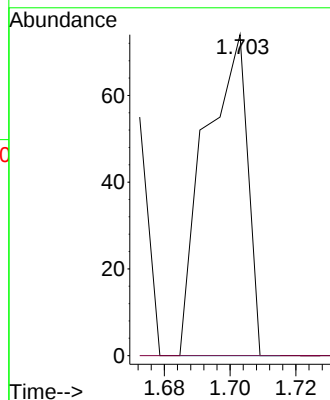
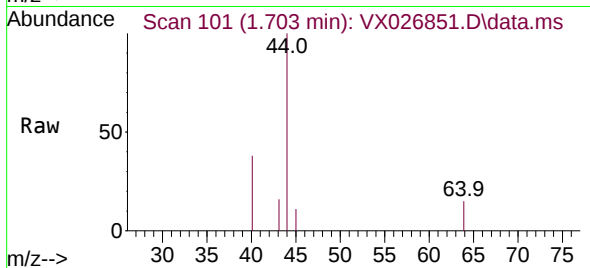




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 10
Delta R.T. 0.012 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

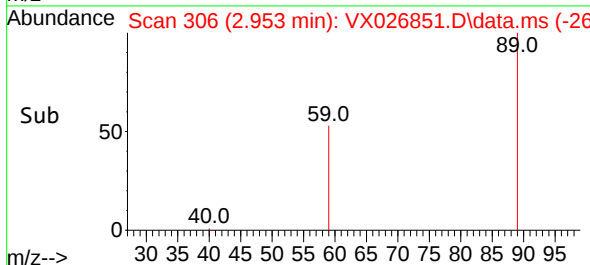
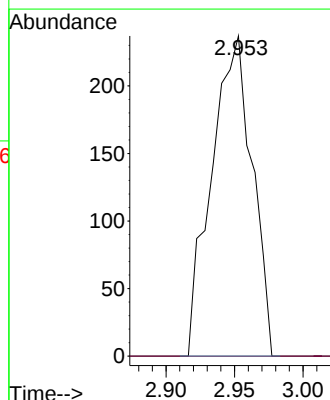
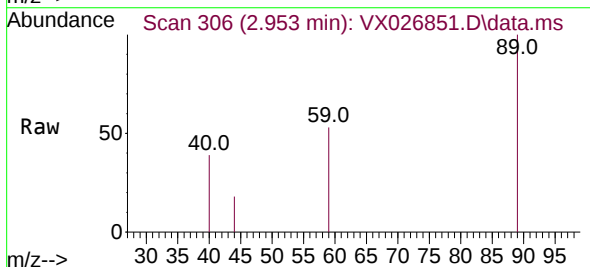
Instrument :
MSVOA_X
ClientSampleId :

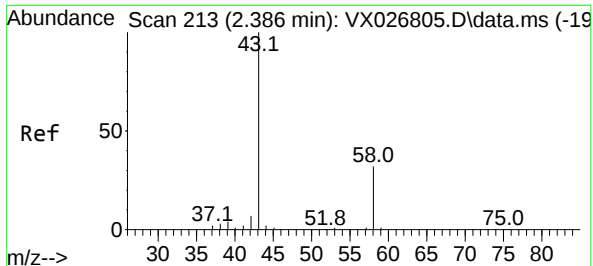
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 1.707 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Tgt Ion: 59 Resp: 490
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16

Acetone

Concen: 6.949 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026851.D

Acq: 09 Feb 2022 03:11

Instrument :

MSVOA_X

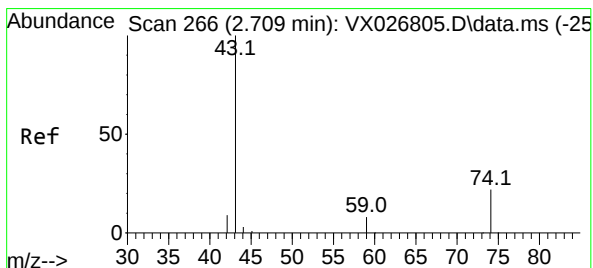
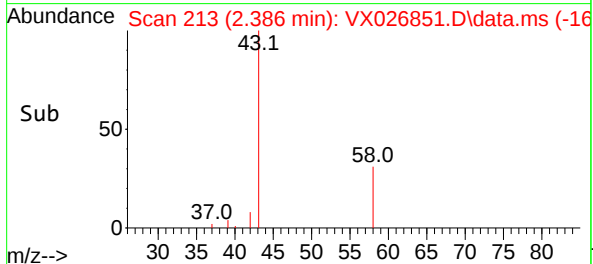
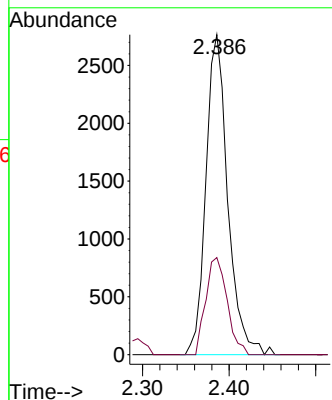
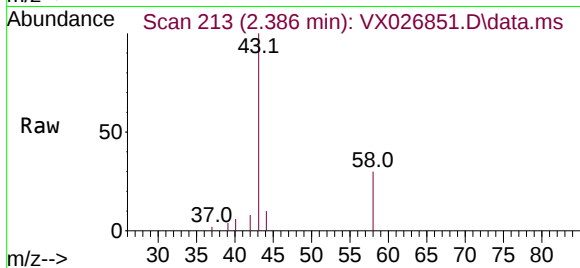
ClientSampleId :

Tgt Ion: 43 Resp: 4851

Ion Ratio Lower Upper

43 100

58 30.3 23.0 34.6



#18

Methyl Acetate

Concen: 0.411 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX026851.D

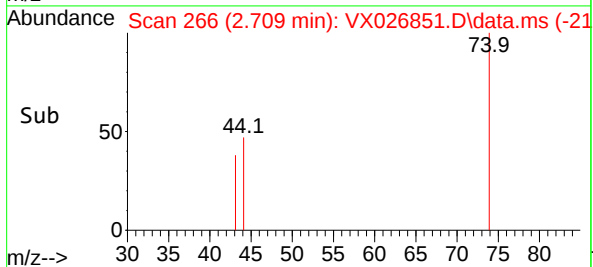
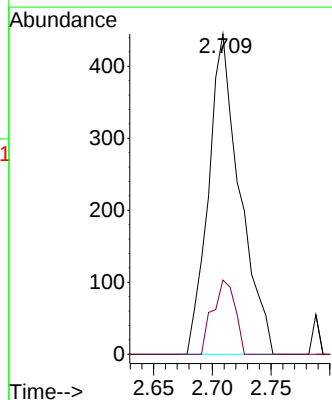
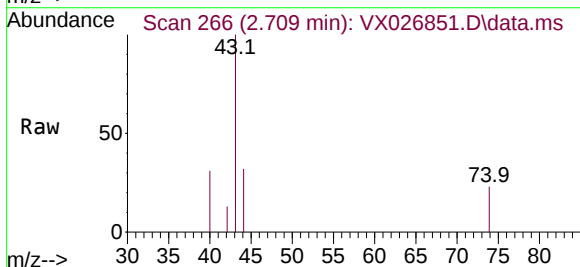
Acq: 09 Feb 2022 03:11

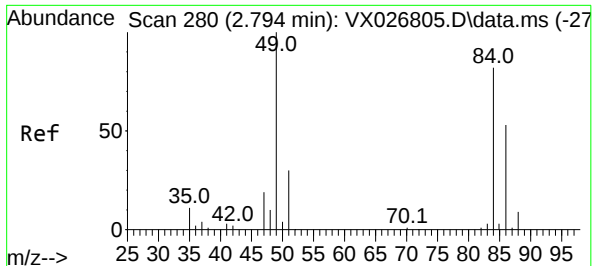
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

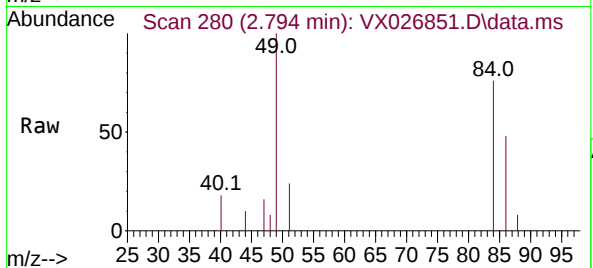
74 16.5 18.3 27.5#



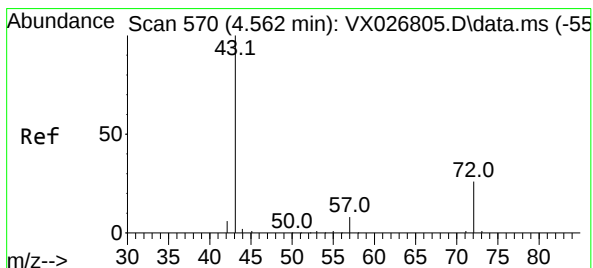
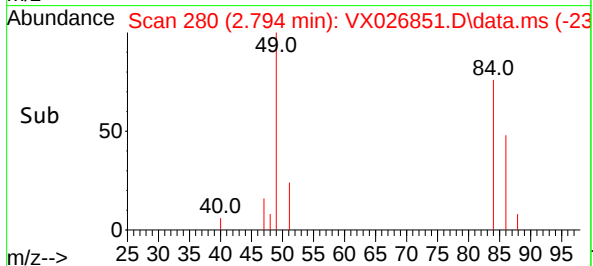
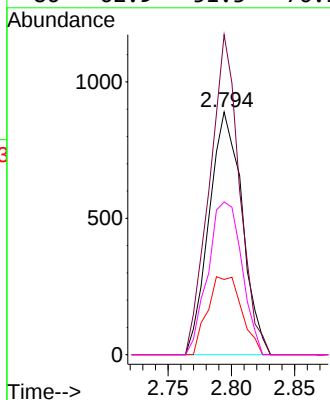


#20
Methylene Chloride
Concen: 1.072 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Instrument :
MSVOA_X
ClientSampleId :

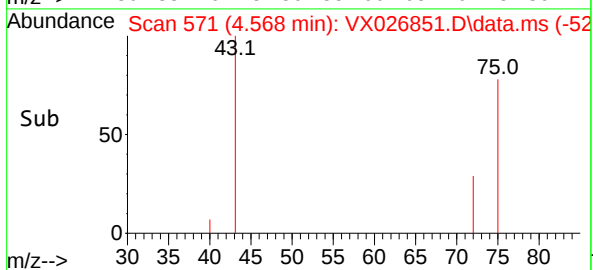
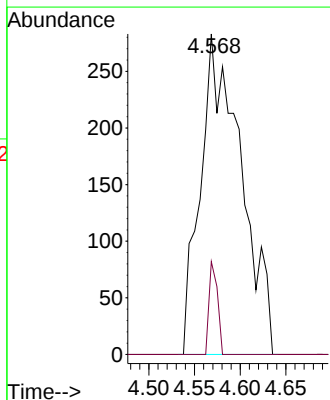
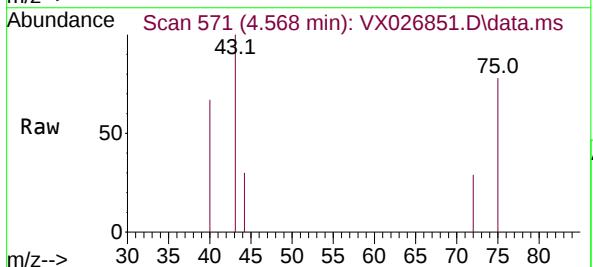


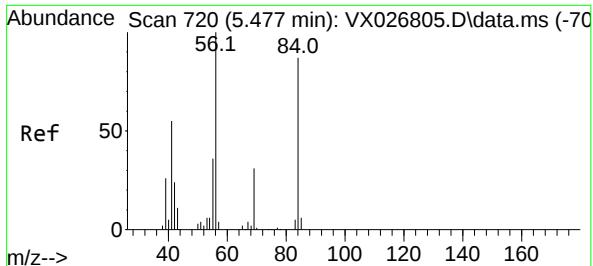
Tgt Ion: 84	Resp: 1621
Ion Ratio	Lower Upper
84 100	
49 131.8	101.5 152.3
51 31.0	31.2 46.8#
86 62.9	51.3 76.9



#25
2-Butanone
Concen: 0.776 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

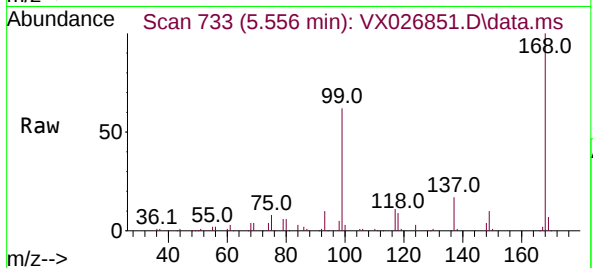
Tgt Ion: 43	Resp: 873
Ion Ratio	Lower Upper
43 100	
72 29.0	20.4 30.6



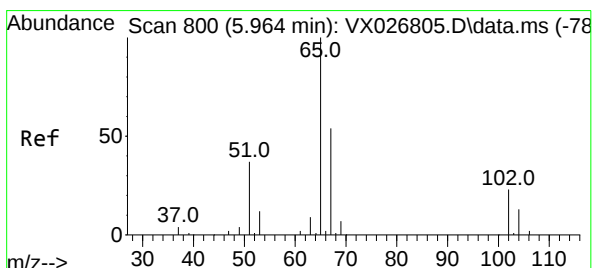
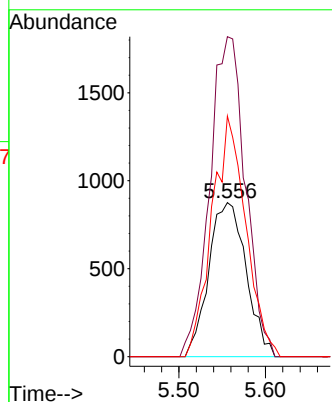
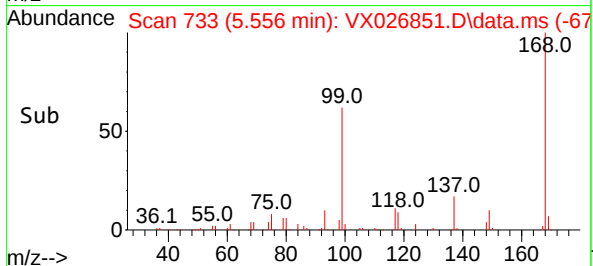


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Instrument :
MSVOA_X
ClientSampleId :

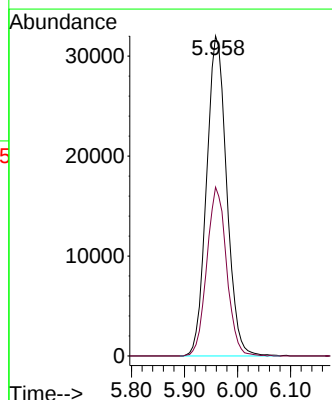
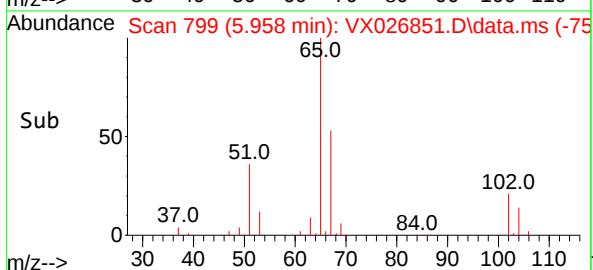
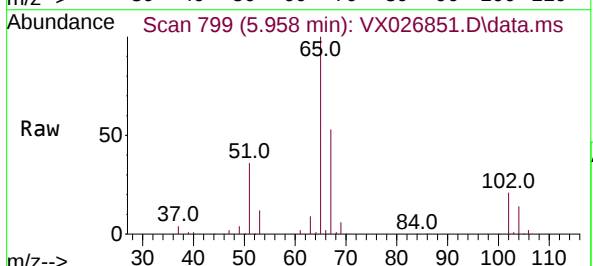


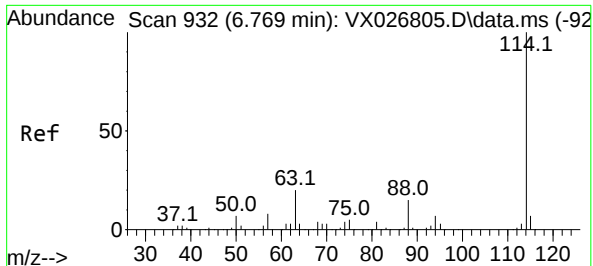
Tgt Ion: 56 Resp: 2624
Ion Ratio Lower Upper
56 100
69 207.6 25.8 38.6#
84 156.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.111 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Tgt Ion: 65 Resp: 84414
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

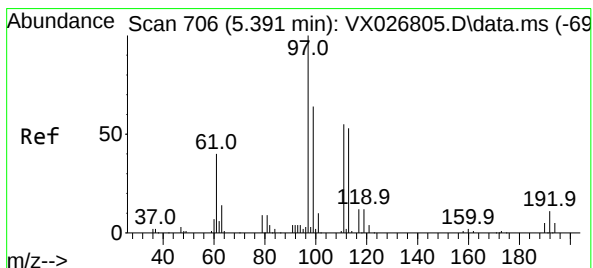
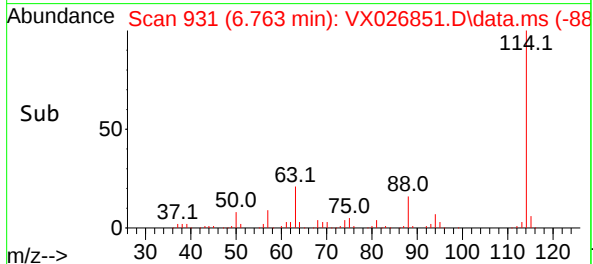
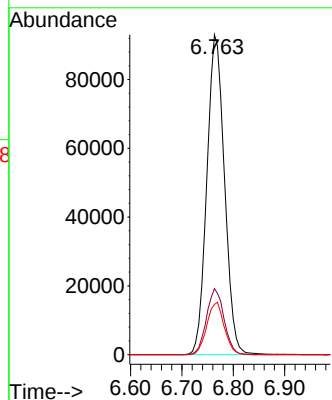
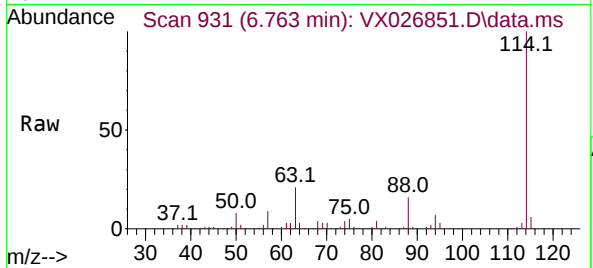




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

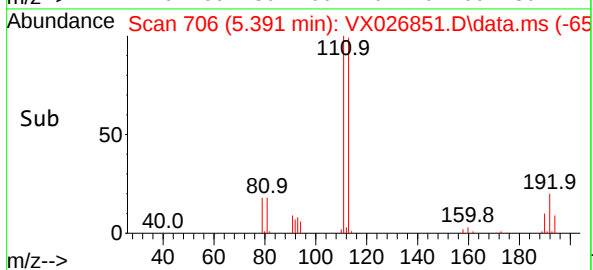
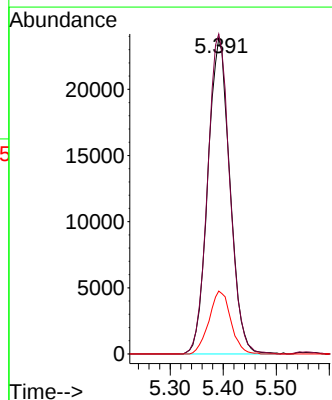
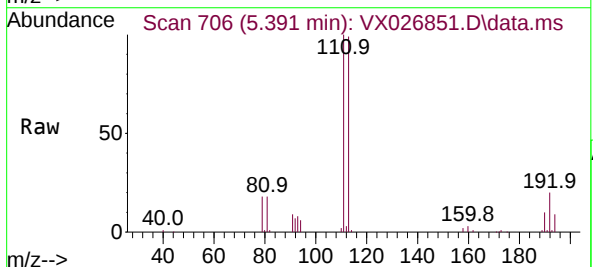
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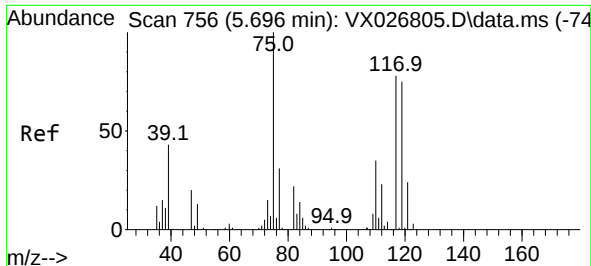
Tgt Ion:114 Resp: 221610
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.253 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Tgt Ion:113 Resp: 68990
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 19.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.777 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

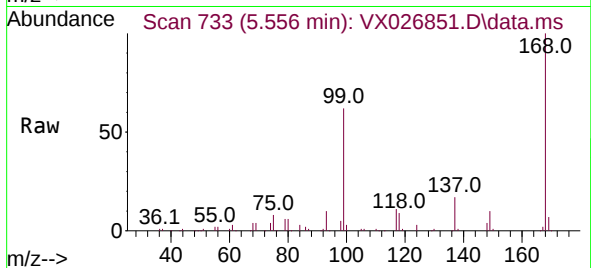
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Acq: 09 Feb 2022 03:11

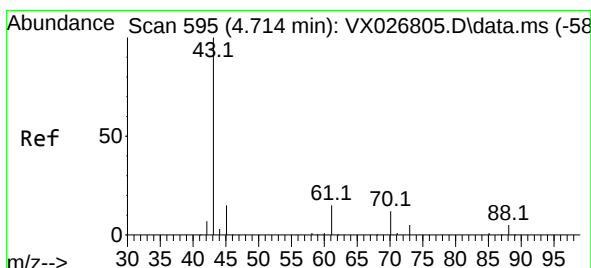
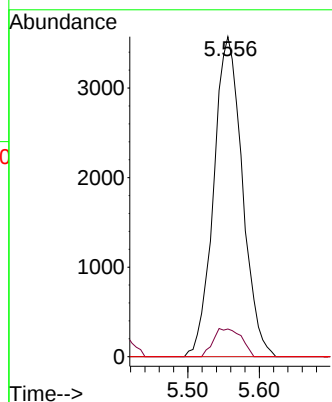
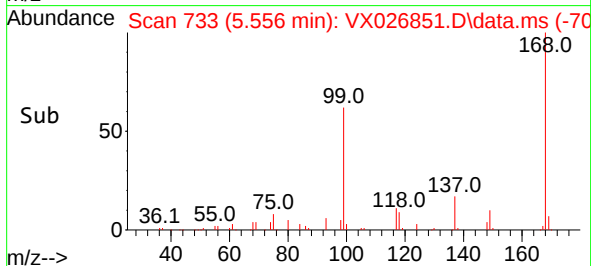
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	9950
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.2	51.6#
77	0.0	24.6	36.8#



#37

Ethyl Acetate

Concen: 0.369 ug/l

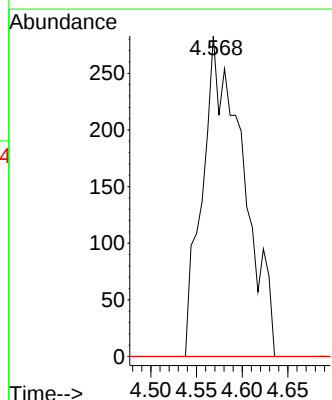
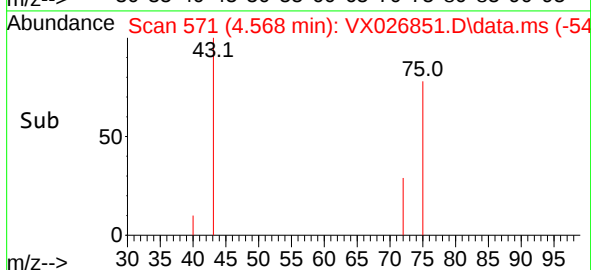
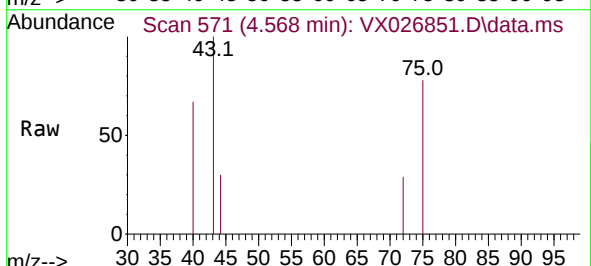
RT: 4.568 min Scan# 571

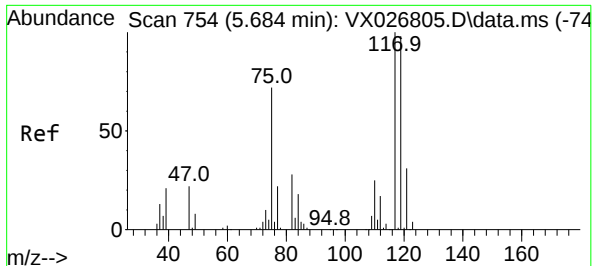
Delta R.T. -0.146 min

Lab File: VX026851.D

Acq: 09 Feb 2022 03:11

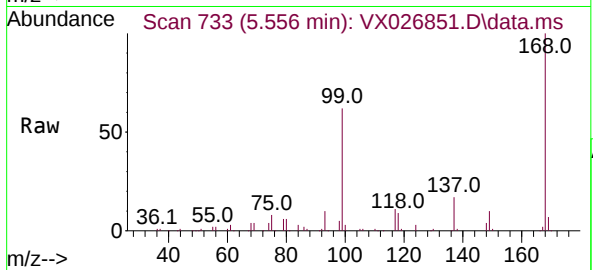
Tgt Ion:	43	Resp:	873
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.5	12.7#



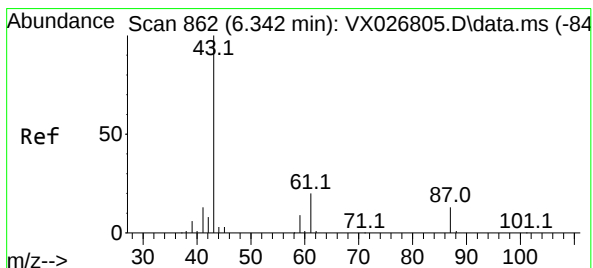
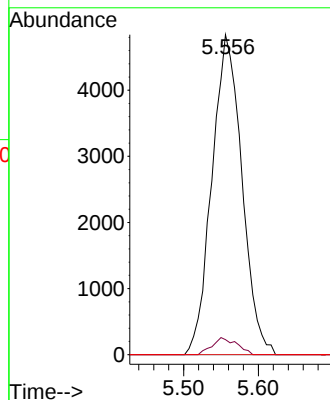
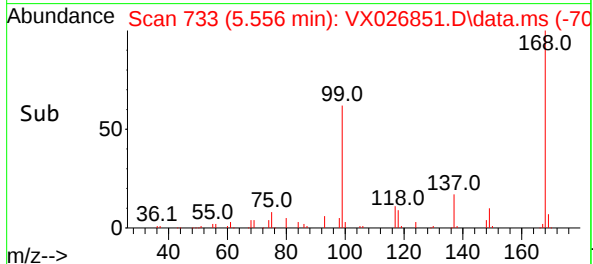


#38
Carbon Tetrachloride
Concen: 6.177 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Instrument :
MSVOA_X
ClientSampleId :

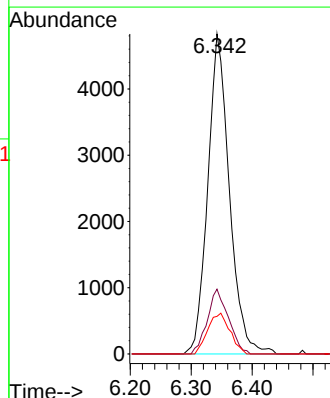
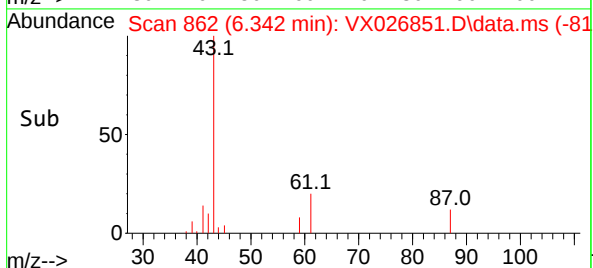
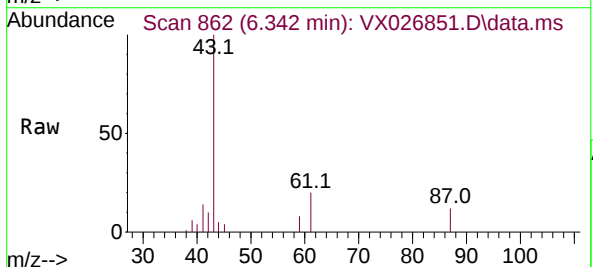


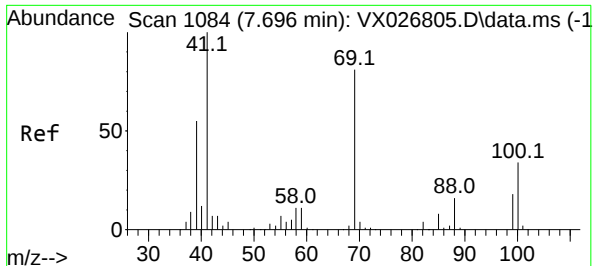
Tgt Ion:117 Resp: 13491
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.269 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Tgt Ion: 43 Resp: 11906
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 13.1 10.2 15.2





#48

Methyl methacrylate

Concen: 1.865 ug/l

RT: 7.598 min Scan# 1102

Delta R.T. -0.097 min

Lab File: VX026851.D

Acq: 09 Feb 2022 03:11

Instrument :

MSVOA_X

ClientSampleId :

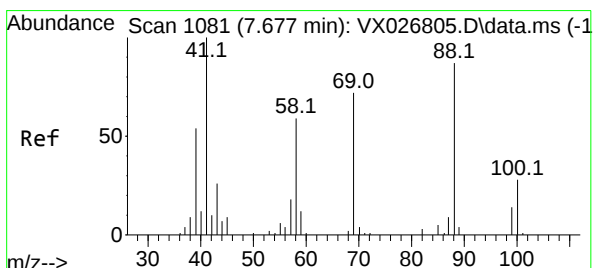
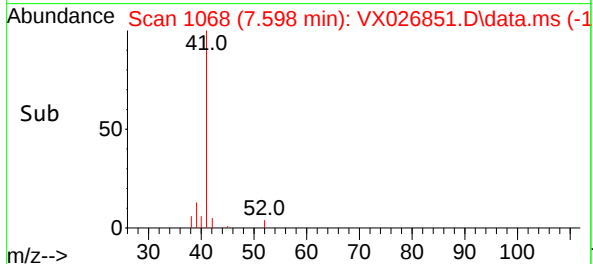
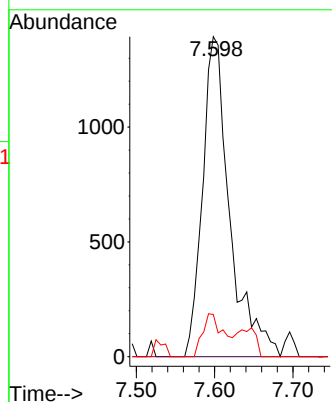
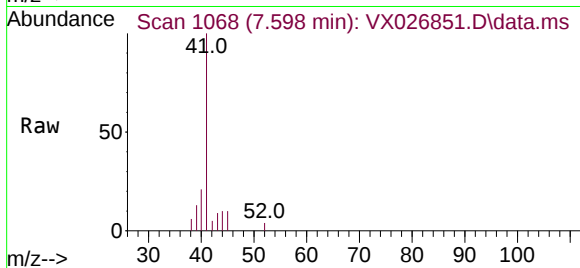
Tgt Ion: 41 Resp: 3365

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 2.219 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.128 min

Lab File: VX026851.D

Acq: 09 Feb 2022 03:11

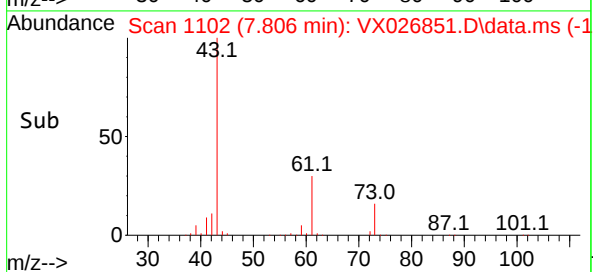
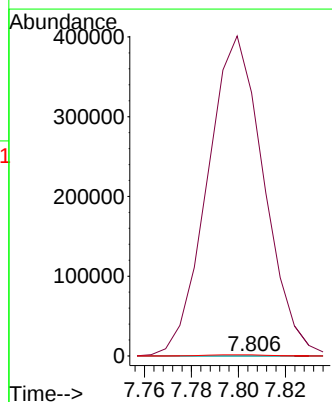
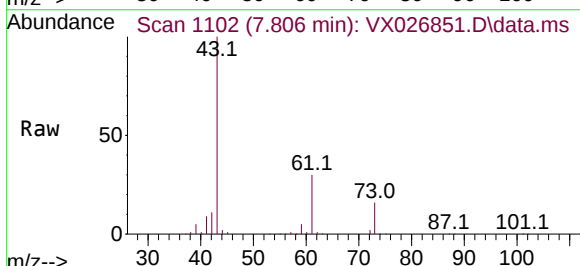
Tgt Ion: 88 Resp: 69

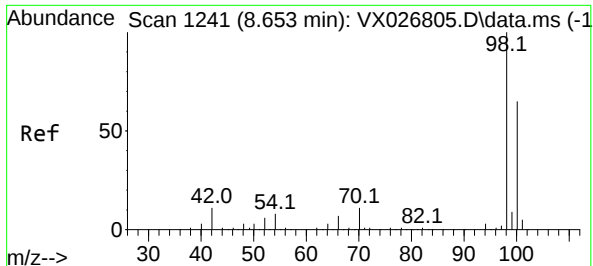
Ion Ratio Lower Upper

88 100

43 981376.8 29.9 44.9#

58 3804.3 57.8 86.6#

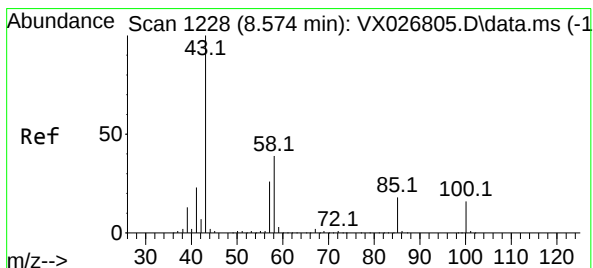
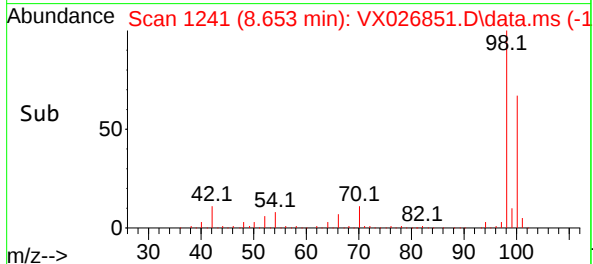
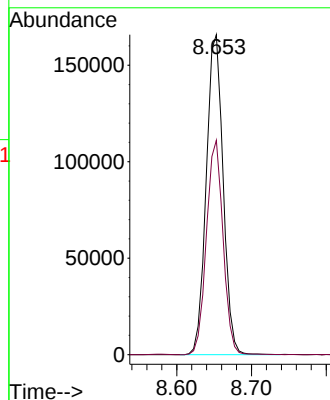
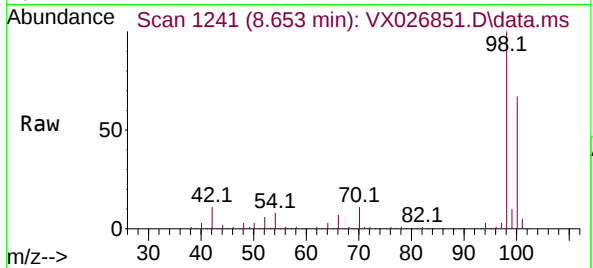




#50
Toluene-d8
Concen: 53.484 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

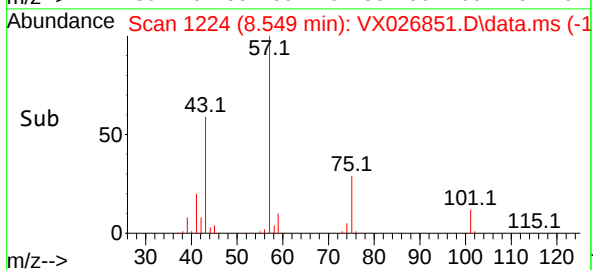
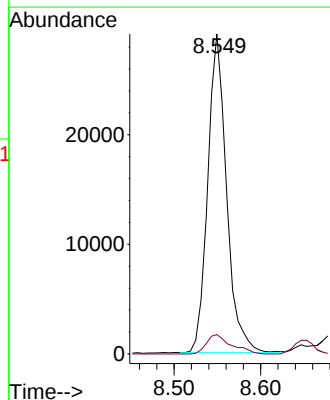
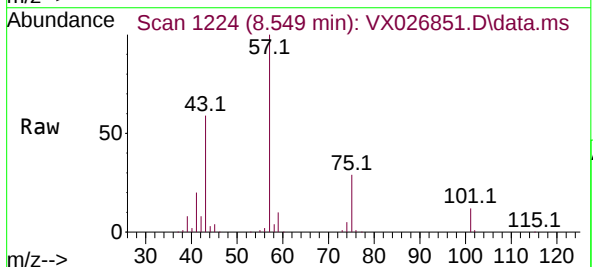
Instrument :
MSVOA_X
ClientSampleId :

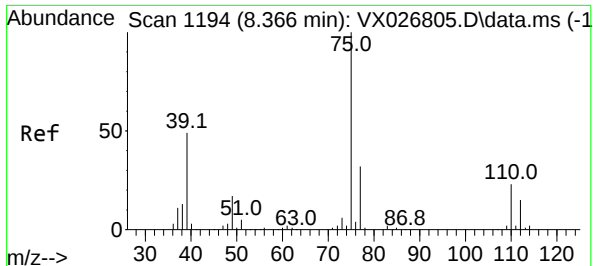
Tgt Ion: 98 Resp: 259209
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.894 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Tgt Ion: 43 Resp: 43906
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#

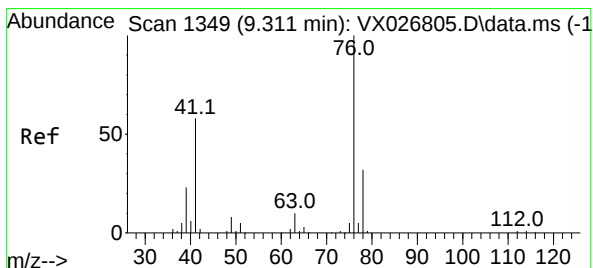
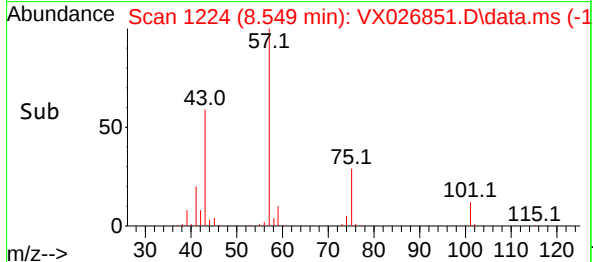
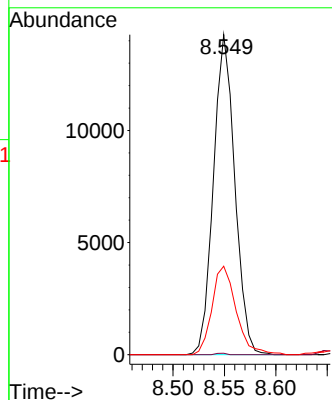
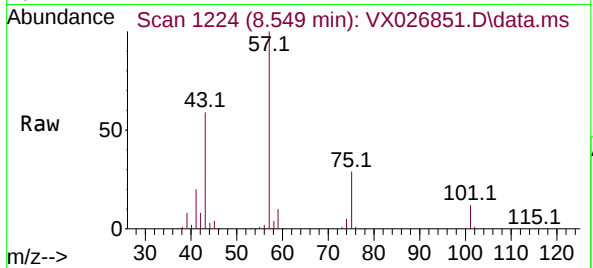




#54
 cis-1,3-Dichloropropene
 Concen: 9.159 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026851.D
 Acq: 09 Feb 2022 03:11

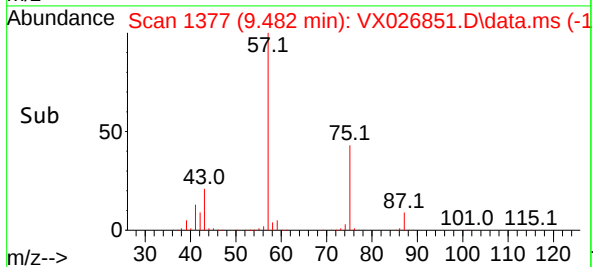
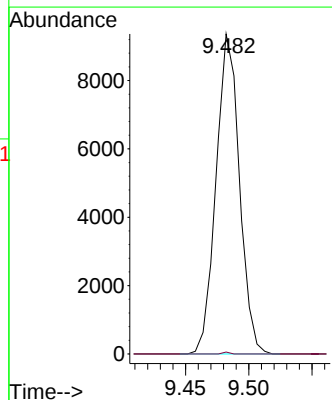
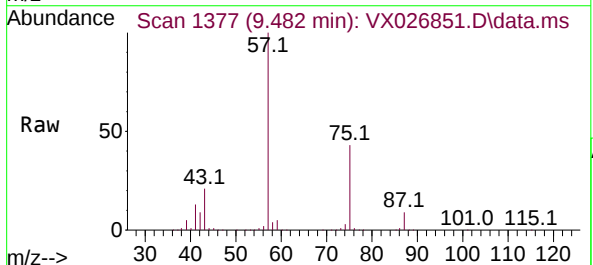
Instrument :
 MSVOA_X
 ClientSampleId :

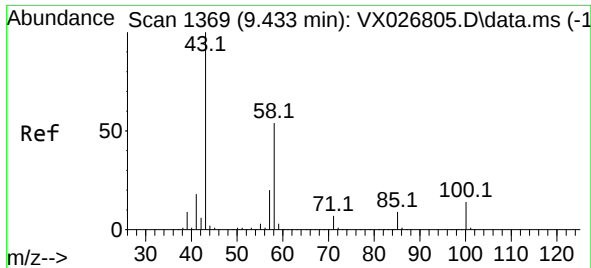
Tgt Ion: 75 Resp: 20584
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.2 39.2#
 39 27.6 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.804 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026851.D
 Acq: 09 Feb 2022 03:11

Tgt Ion: 76 Resp: 12002
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.7 38.5#





#59

2-Hexanone

Concen: 103.533 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026851.D

Acq: 09 Feb 2022 03:11

Instrument :

MSVOA_X

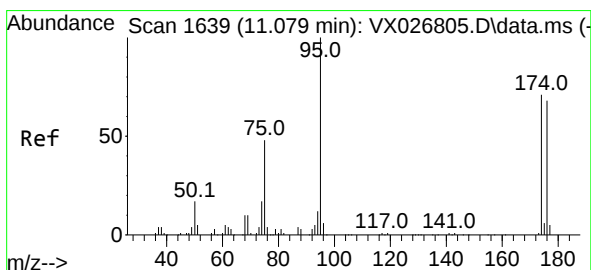
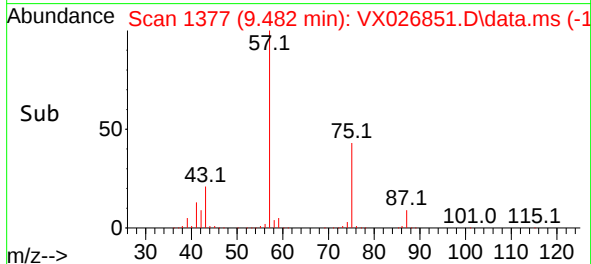
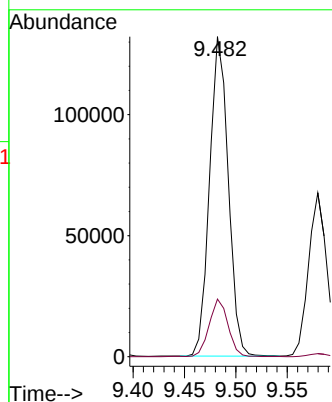
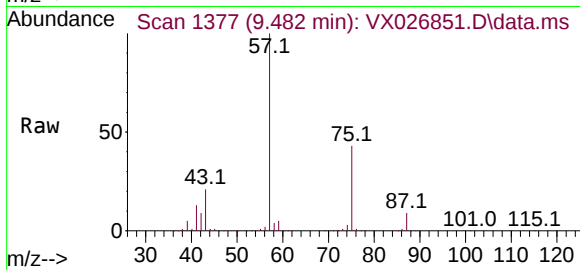
ClientSampleId :

Tgt Ion: 43 Resp: 167134

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 55.460 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026851.D

Acq: 09 Feb 2022 03:11

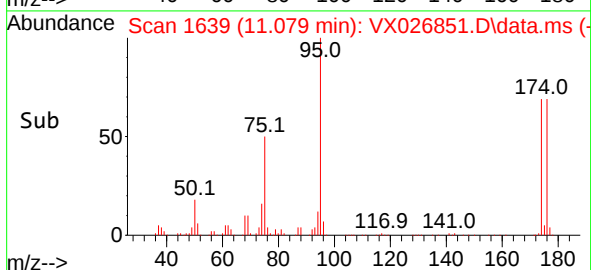
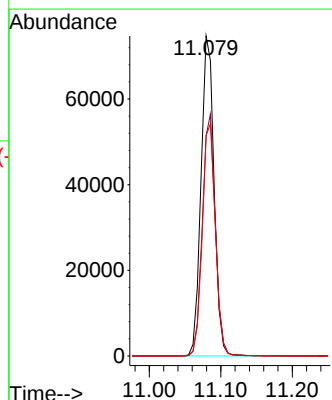
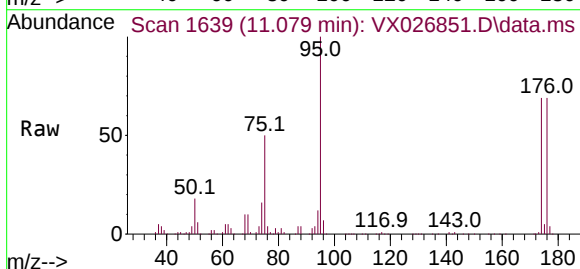
Tgt Ion: 95 Resp: 94630

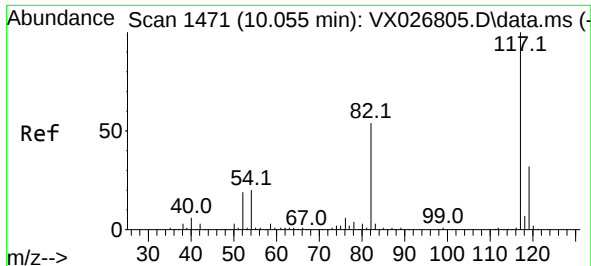
Ion Ratio Lower Upper

95 100

174 75.1 0.0 148.6

176 73.0 0.0 141.4

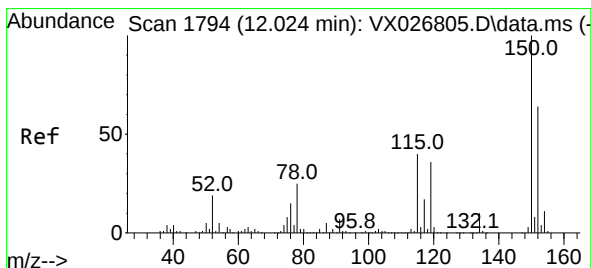
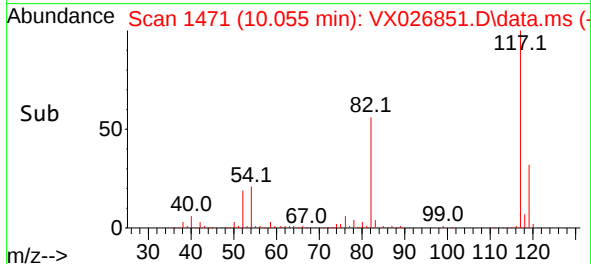
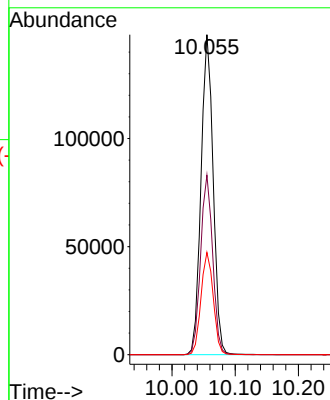
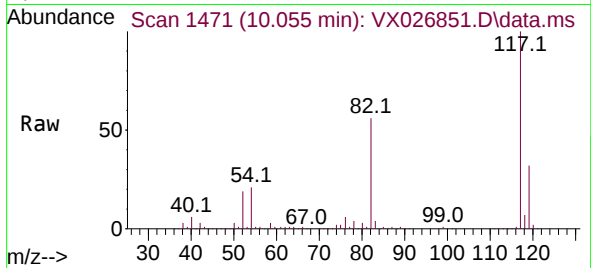




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

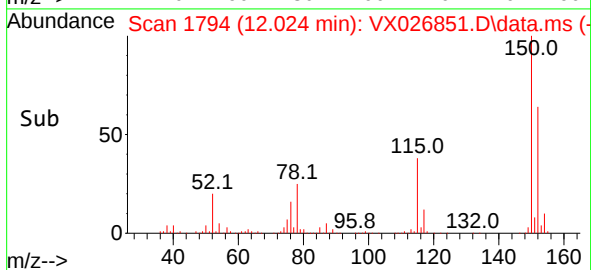
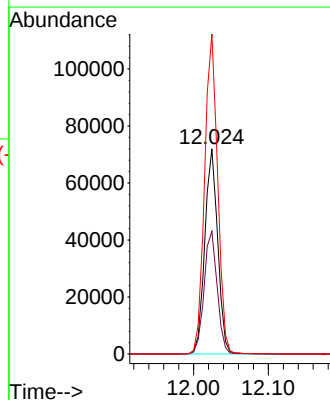
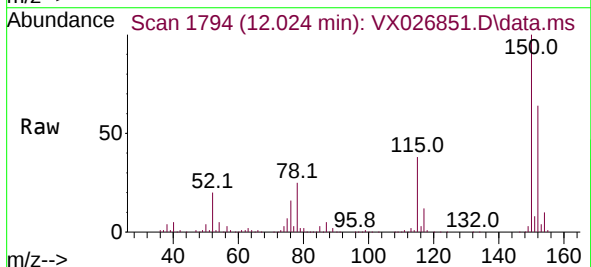
Instrument :
MSVOA_X
ClientSampleId :

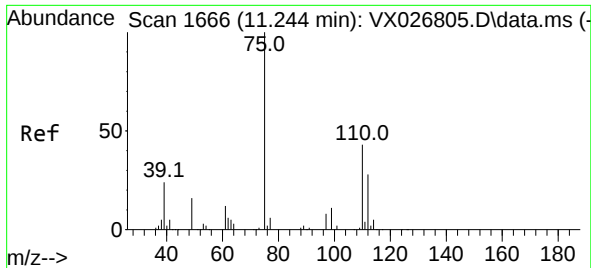
Tgt Ion:117 Resp: 197708
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

Tgt Ion:152 Resp: 86378
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 157.6 0.0 348.2

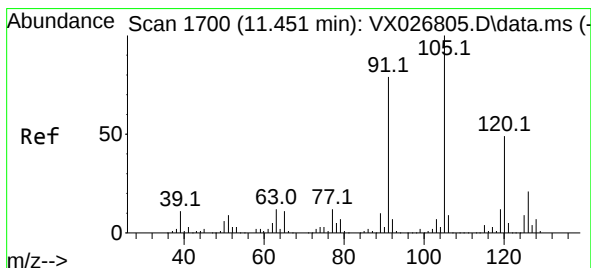
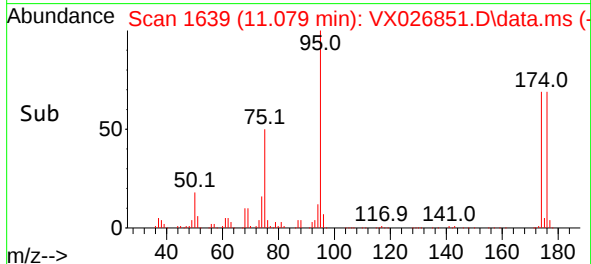
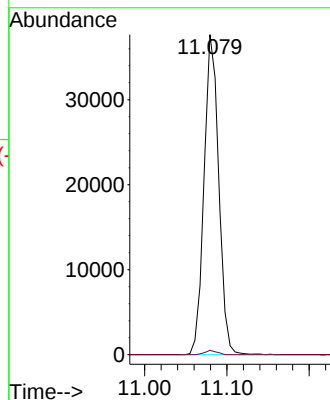
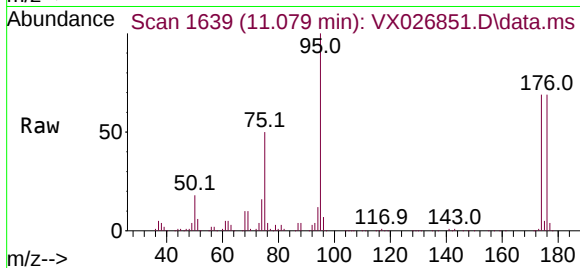




#76
1,2,3-Trichloropropane
Concen: 24.721 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.164 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

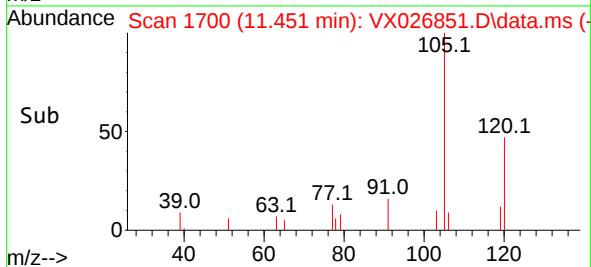
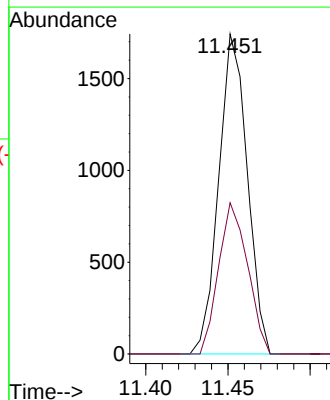
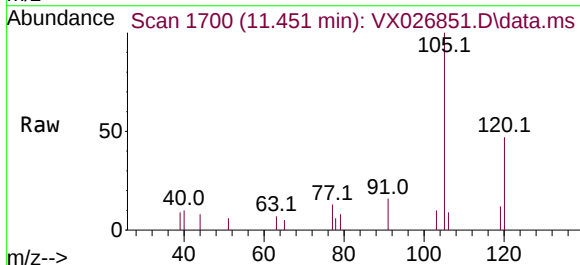
Instrument :
MSVOA_X
ClientSampleId :

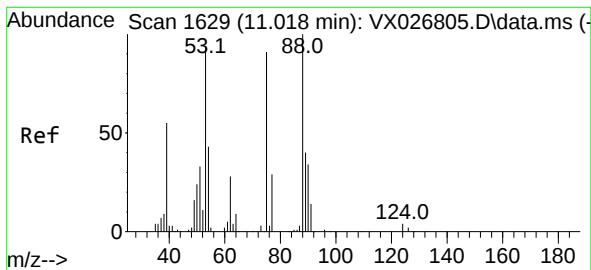
Tgt Ion: 75 Resp: 46743
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.376 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026851.D
Acq: 09 Feb 2022 03:11

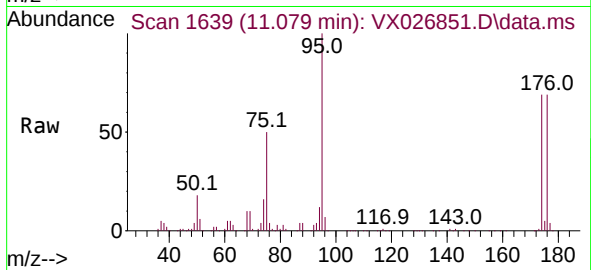
Tgt Ion: 105 Resp: 2106
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.441 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026851.D
 Acq: 09 Feb 2022 03:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46743
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

