

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026848.D
 Acq On : 09 Feb 2022 02:01
 Operator : JC/MD
 Sample : PB142539ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142539ZHE#01

Quant Time: Feb 09 05:20:24 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

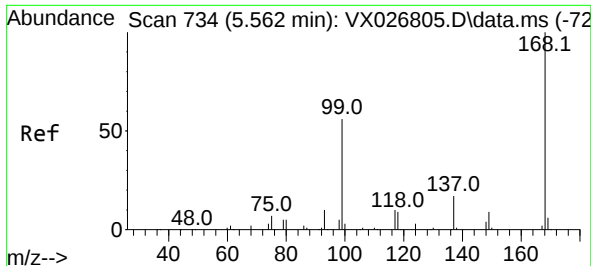
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	135057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85693	52.857	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.720%			
35) Dibromofluoromethane	5.391	113	69316	51.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.653	98	266604	53.754	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.500%			
62) 4-Bromofluorobenzene	11.079	95	98929	56.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.320%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	26	Below Cal	#	43
10) Methyl Iodide	2.465	142	85	2.296	ug/l #	37
11) Tert butyl alcohol	2.953	59	344	1.175	ug/l #	75
16) Acetone	2.386	43	5096	7.157	ug/l	93
18) Methyl Acetate	2.709	43	712	0.348	ug/l	91
20) Methylene Chloride	2.794	84	1429	0.926	ug/l #	91
25) 2-Butanone	4.586	43	979	0.853	ug/l #	50
31) Cyclohexane	5.550	56	2747	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10314	4.839	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13825	6.185	ug/l #	17
43) Isopropyl Acetate	6.348	43	12151	3.260	ug/l	100
48) Methyl methacrylate	7.598	41	3473	1.881	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	44484	19.695	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	20520	8.922	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	12442	4.866	ug/l #	43
59) 2-Hexanone	9.378	43	5889	3.565	ug/l #	25
68) m/p-Xylenes	10.305	106	597	0.206	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	48906	24.697	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2715	0.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	48906	75.371	ug/l #	3

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

Quant Time: Feb 09 05:20:24 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

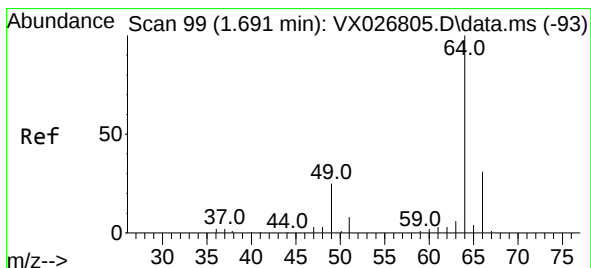
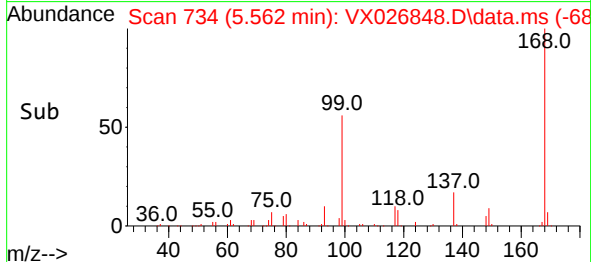
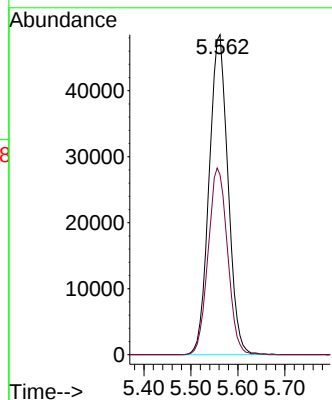
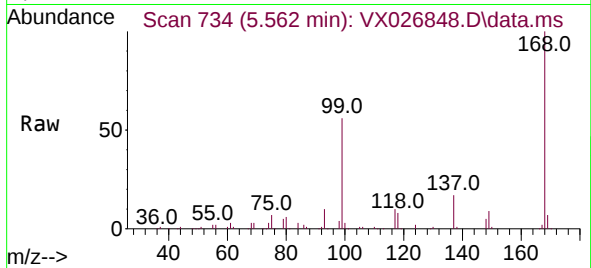




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026848.D
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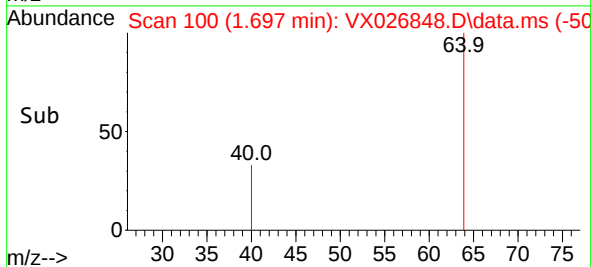
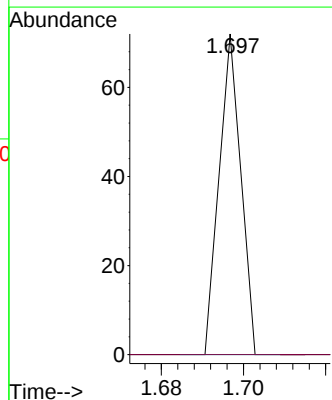
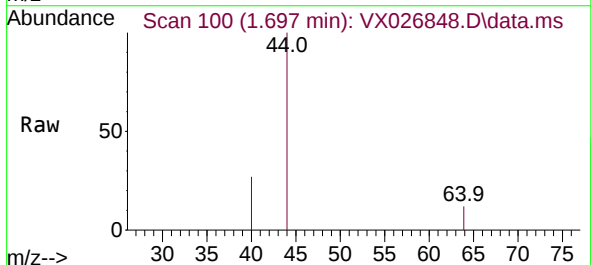
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

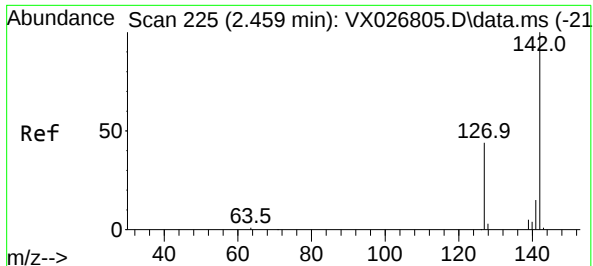
Tgt Ion:168 Resp: 135057
Ion Ratio Lower Upper
168 100
99 56.2 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion: 64 Resp: 26
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

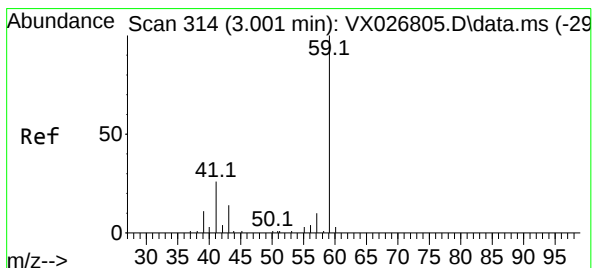
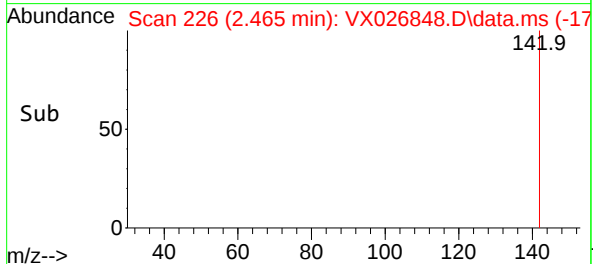
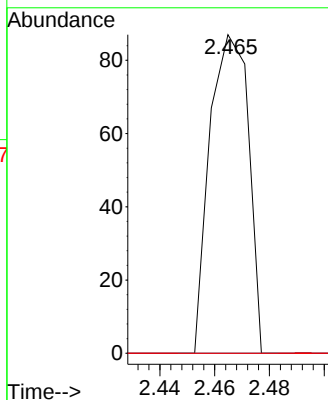
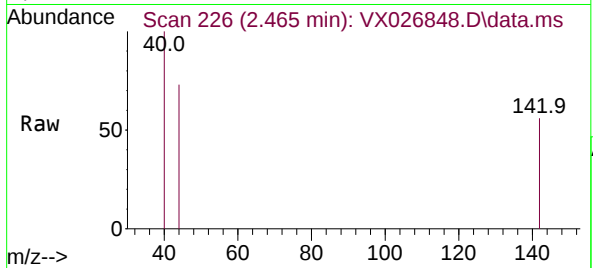




#10
Methyl Iodide
Concen: 2.296 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

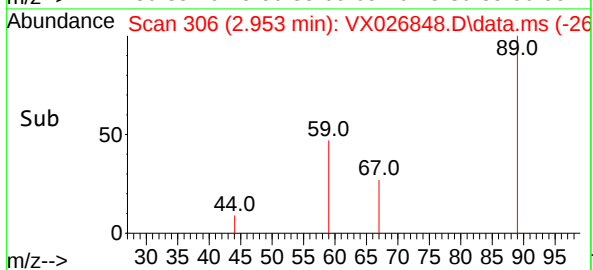
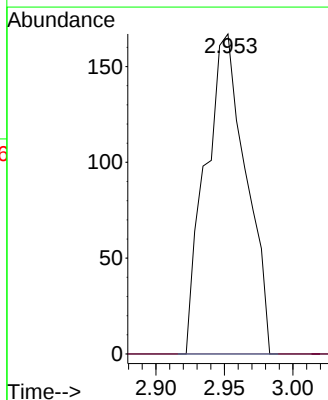
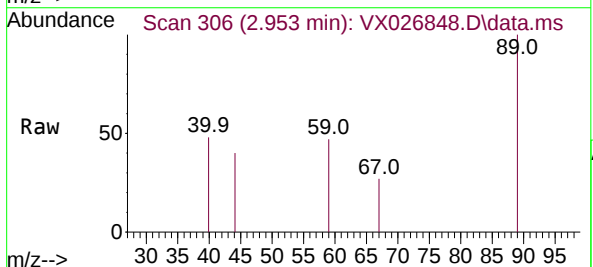
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

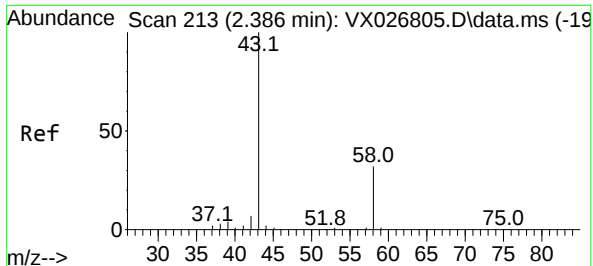
Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.175 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

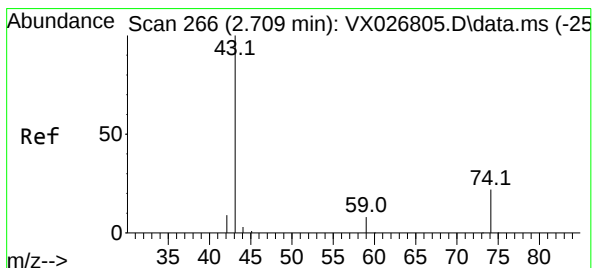
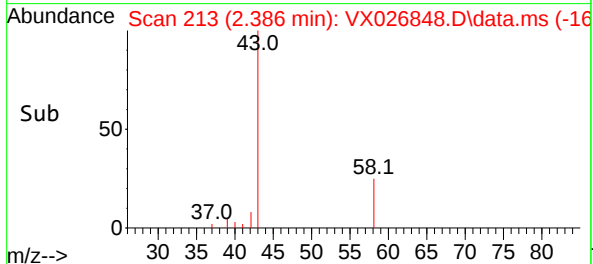
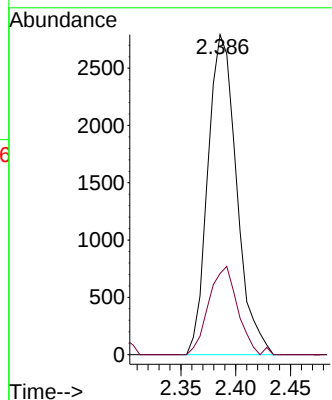
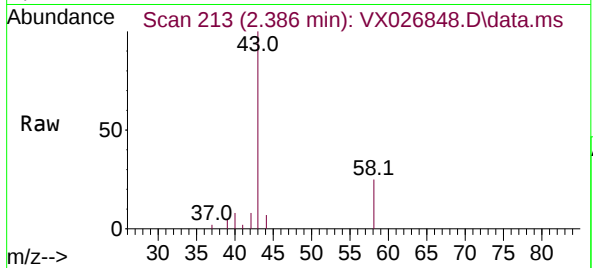




#16
Acetone
Concen: 7.157 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

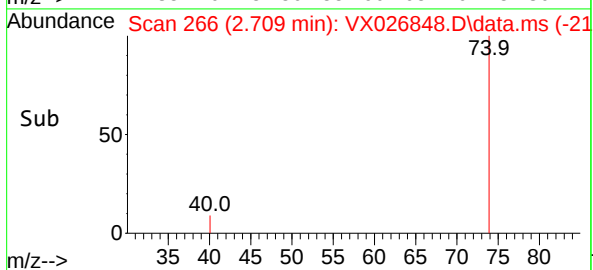
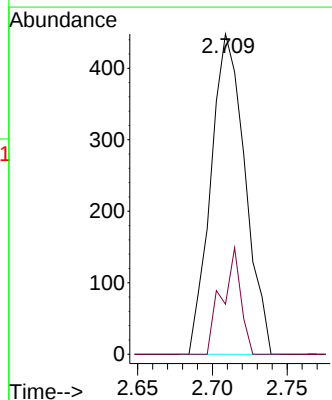
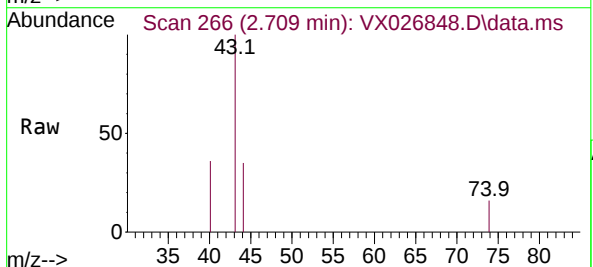
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

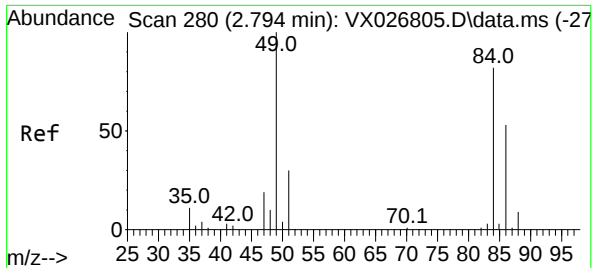
Tgt Ion: 43 Resp: 5096
Ion Ratio Lower Upper
43 100
58 25.3 23.0 34.6



#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

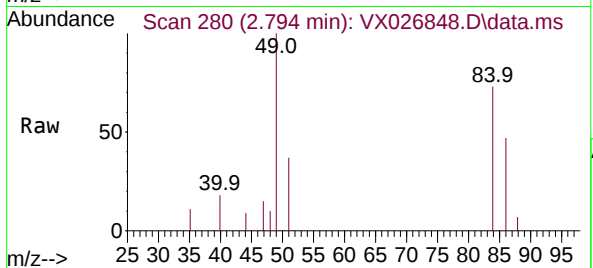
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
74 18.4 18.3 27.5



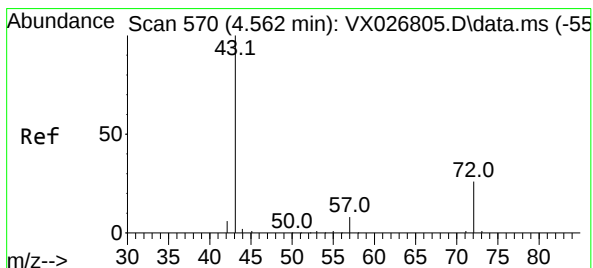
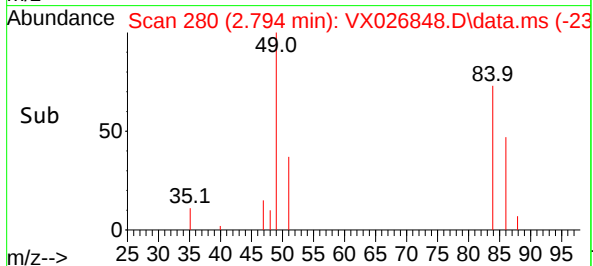
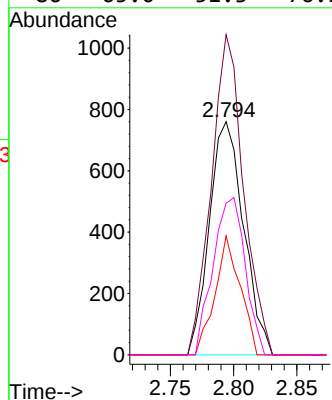


#20
Methylene Chloride
Concen: 0.926 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

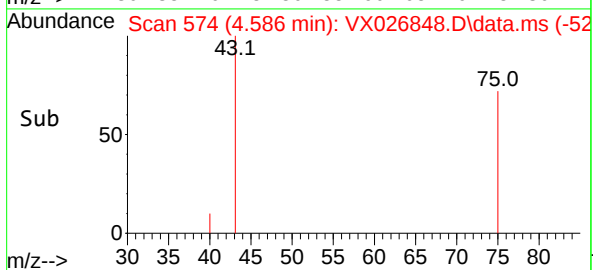
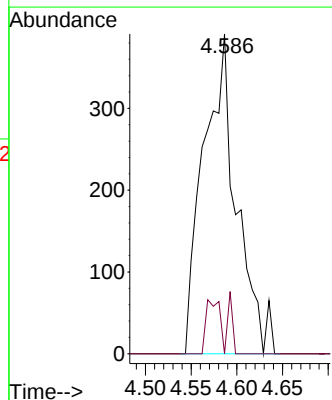
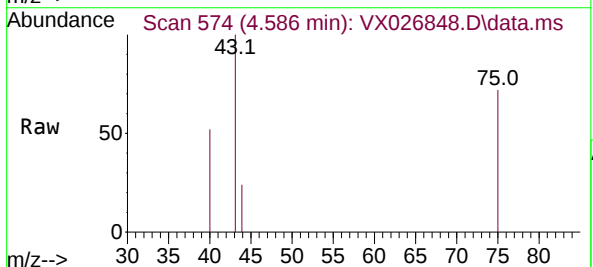


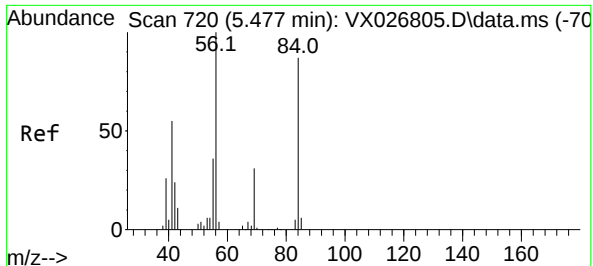
Tgt Ion:	84	Resp:	1429
Ion	Ratio	Lower	Upper
84	100		
49	137.4	101.5	152.3
51	51.1	31.2	46.8#
86	65.0	51.3	76.9



#25
2-Butanone
Concen: 0.853 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

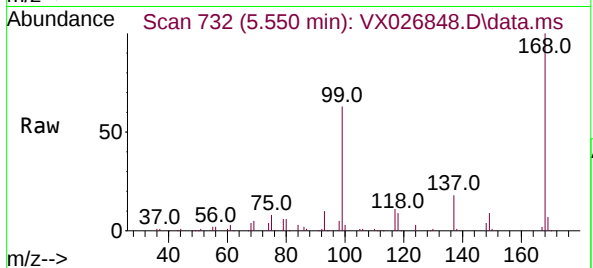
Tgt Ion:	43	Resp:	979
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.4	30.6#





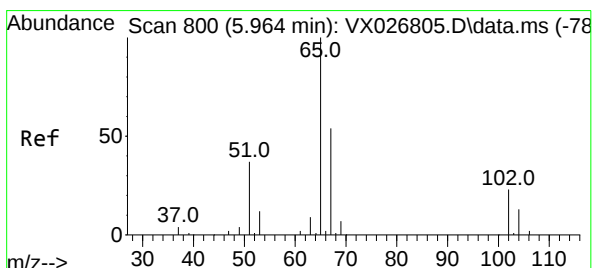
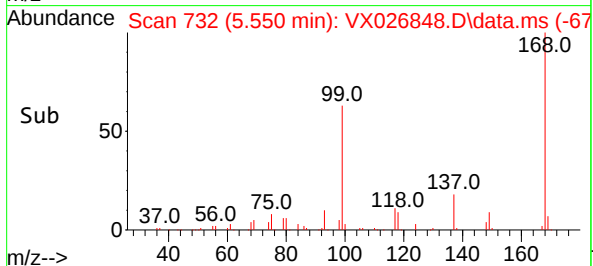
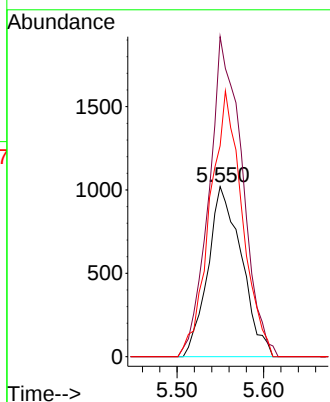
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Instrument :
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ClientSampleId :
PB142539ZHE#01



Tgt Ion: 56 Resp: 2747

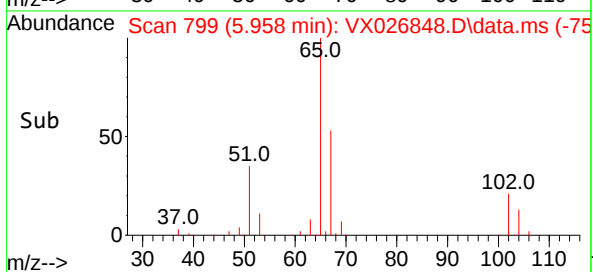
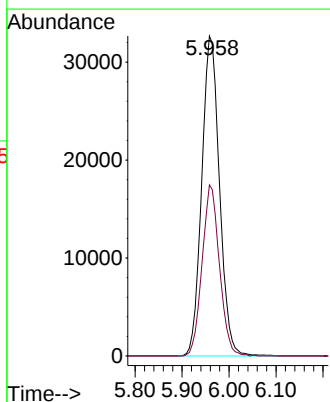
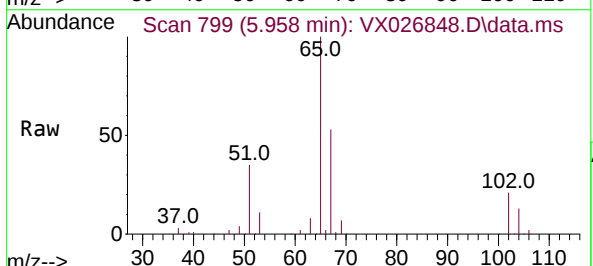
Ion	Ratio	Lower	Upper
56	100		
69	188.2	25.8	38.6#
84	124.0	68.9	103.3#

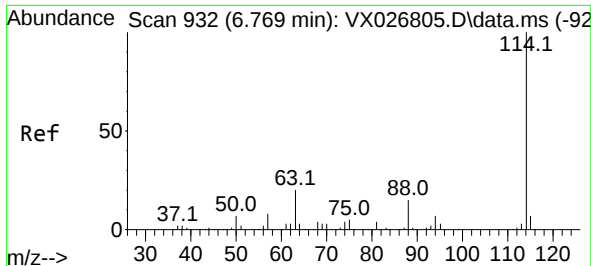


#33
1,2-Dichloroethane-d4
Concen: 52.857 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion: 65 Resp: 85693

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	100.8

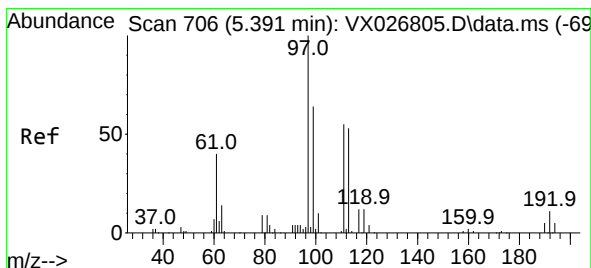
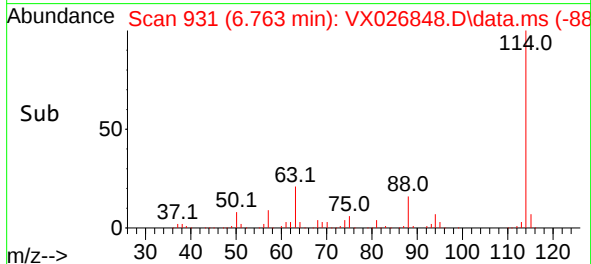
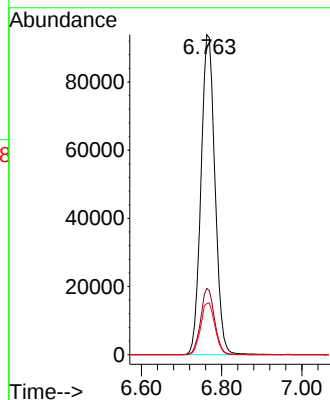
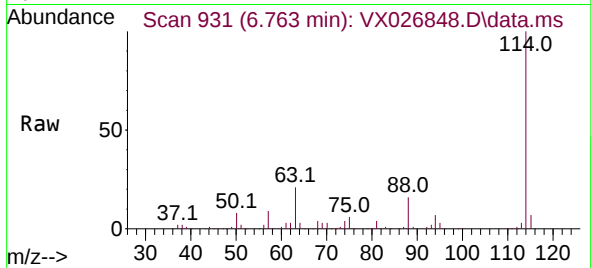




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

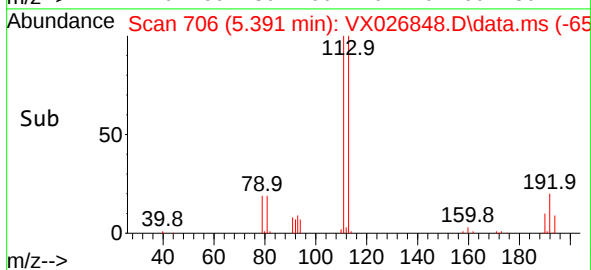
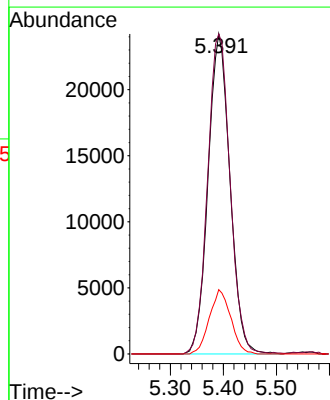
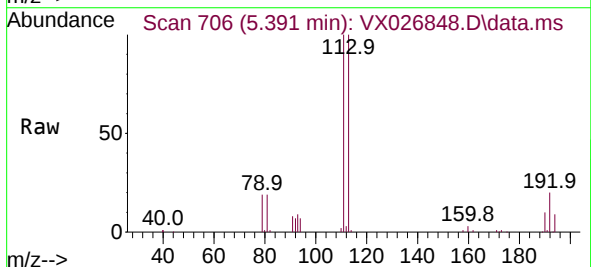
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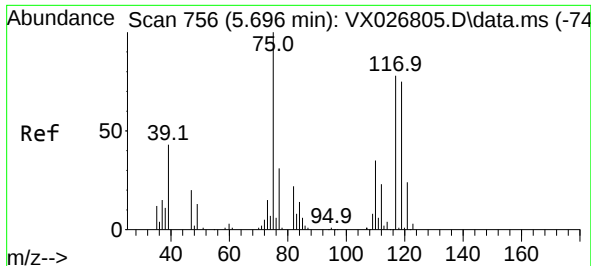
Tgt Ion:114 Resp: 226787
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.302 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion:113 Resp: 69316
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.7 15.0 22.4

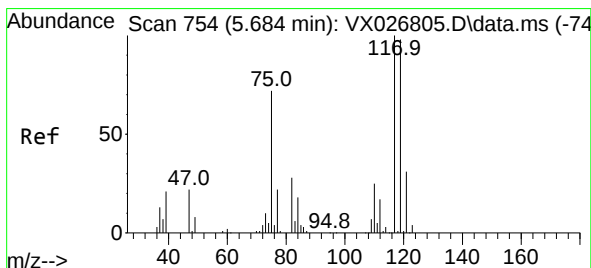
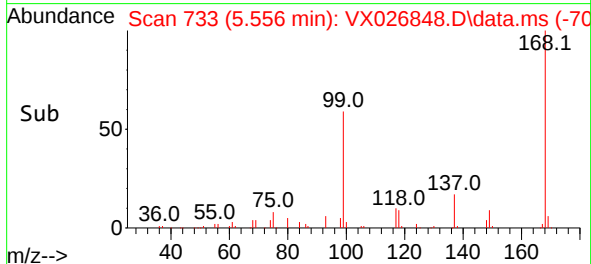
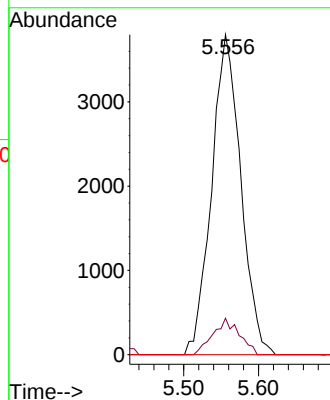
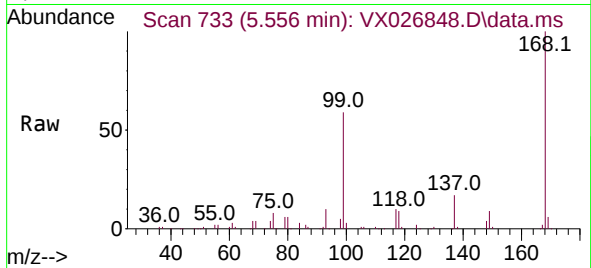




#36
1,1-Dichloropropene
Concen: 4.839 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

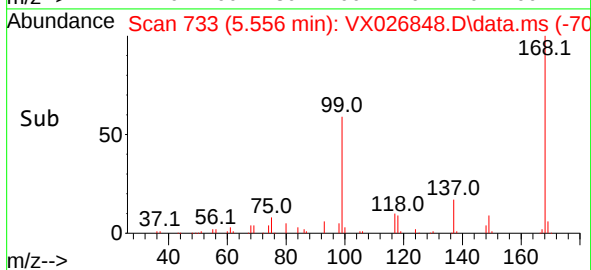
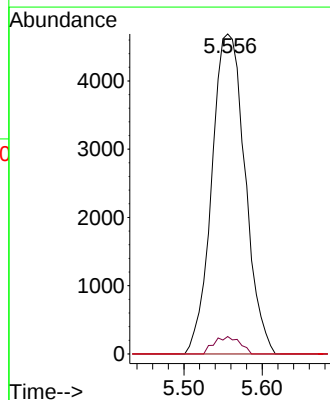
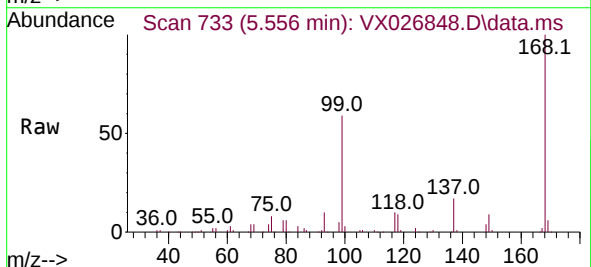
Instrument :
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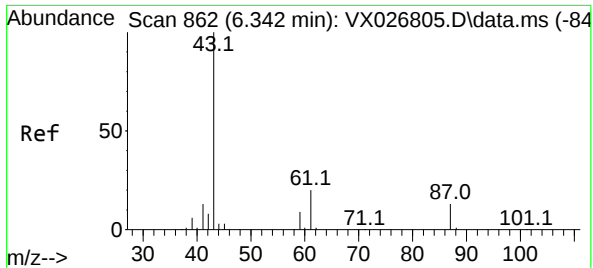
Tgt Ion: 75 Resp: 10314
Ion Ratio Lower Upper
75 100
110 10.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion: 117 Resp: 13825
Ion Ratio Lower Upper
117 100
119 5.5 74.7 112.1#
121 0.0 25.4 38.0#

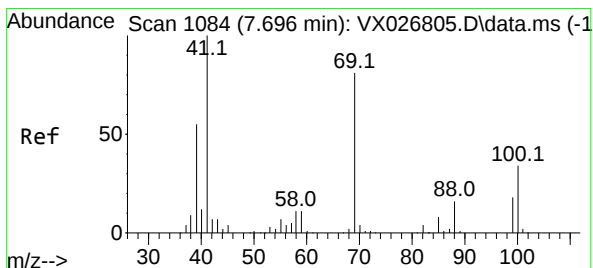
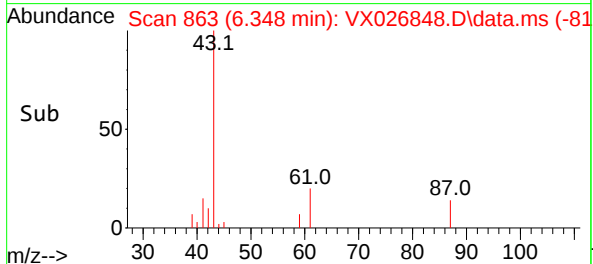
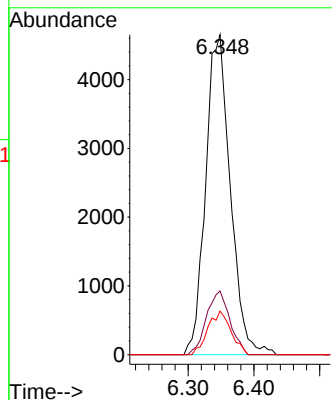
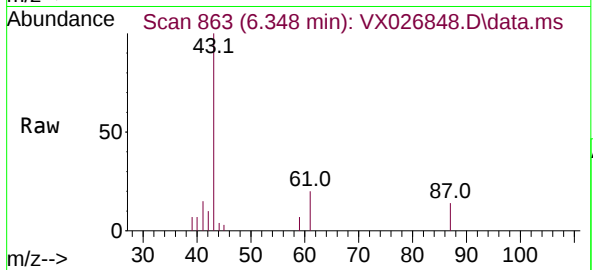




#43
Isopropyl Acetate
Concen: 3.260 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

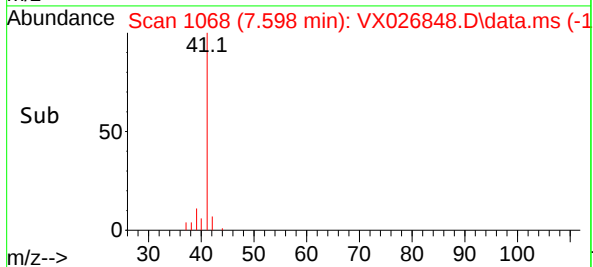
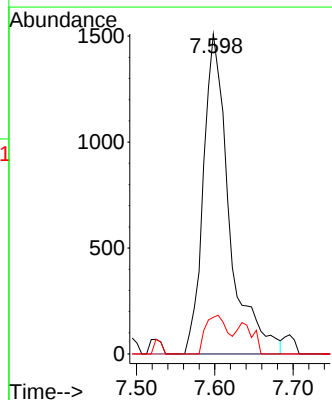
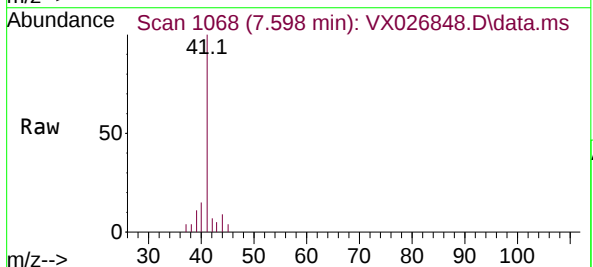
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

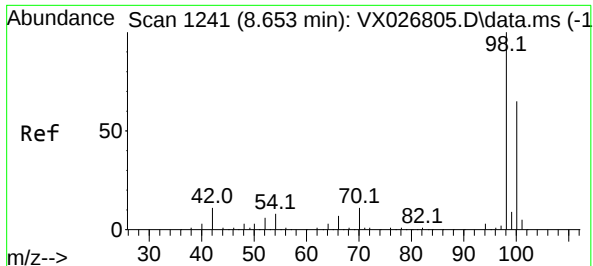
Tgt Ion: 43 Resp: 12151
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 12.7 10.2 15.2



#48
Methyl methacrylate
Concen: 1.881 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion: 41 Resp: 3473
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

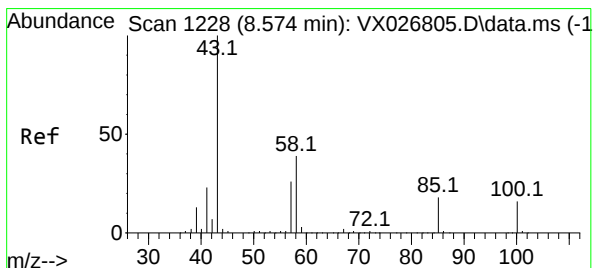
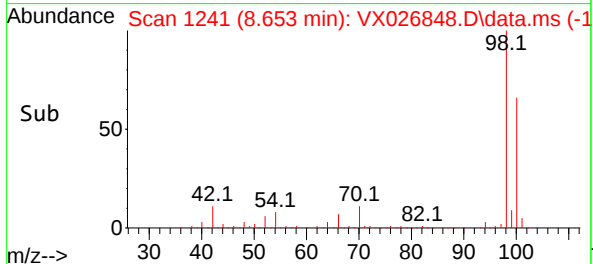
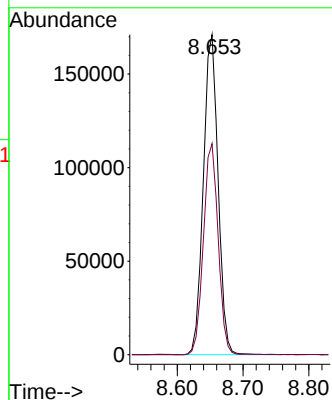
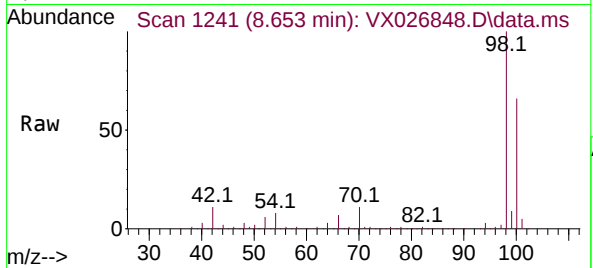




#50
Toluene-d8
Concen: 53.754 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

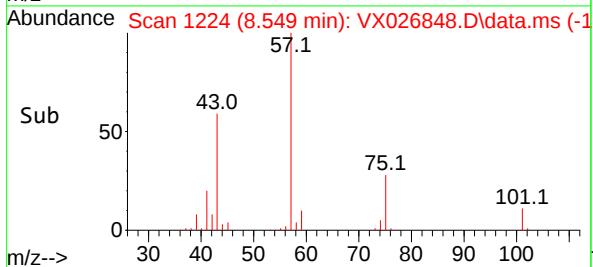
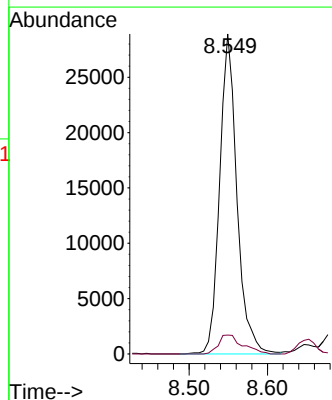
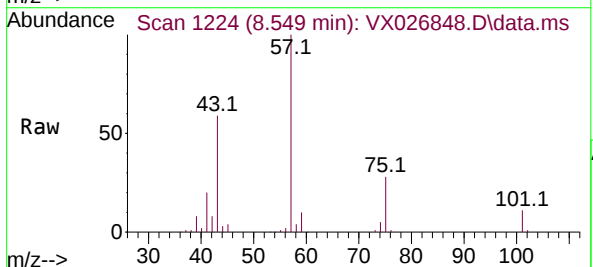
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

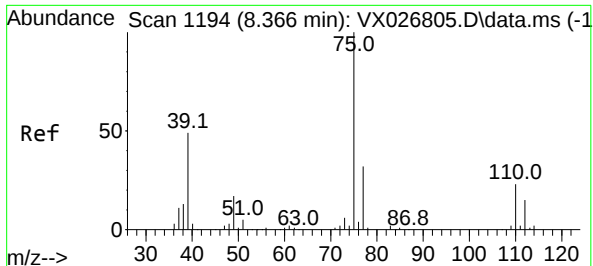
Tgt Ion: 98 Resp: 266604
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.695 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion: 43 Resp: 44484
Ion Ratio Lower Upper
43 100
58 8.2 30.5 45.7#

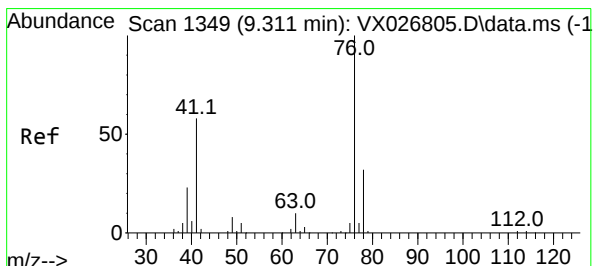
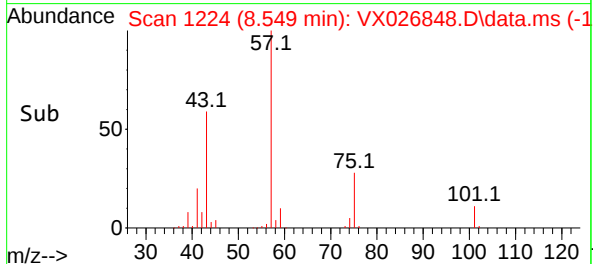
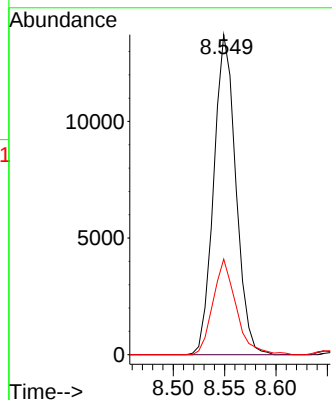
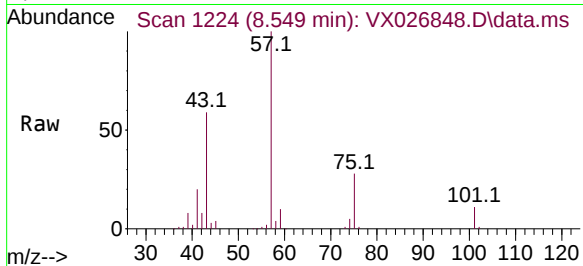




#54
 cis-1,3-Dichloropropene
 Concen: 8.922 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026848.D
 Acq: 09 Feb 2022 02:01

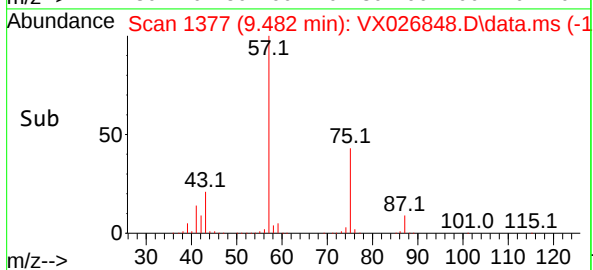
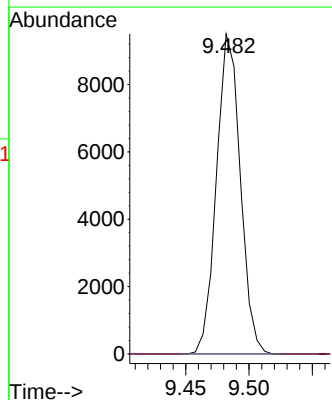
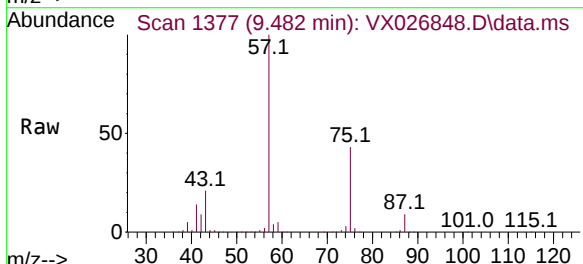
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142539ZHE#01

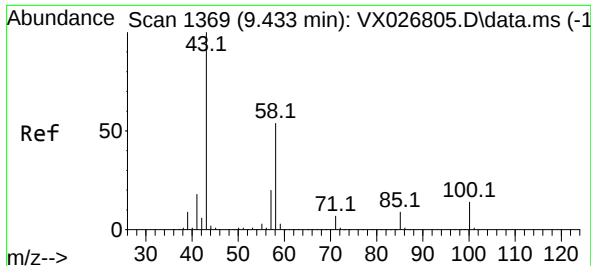
Tgt Ion: 75 Resp: 20520
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 29.9 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.866 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026848.D
 Acq: 09 Feb 2022 02:01

Tgt Ion: 76 Resp: 12442
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 3.565 ug/l

RT: 9.378 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX026848.D

Acq: 09 Feb 2022 02:01

Instrument :

MSVOA_X

ClientSampleId :

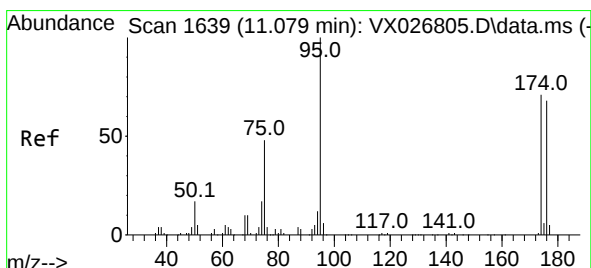
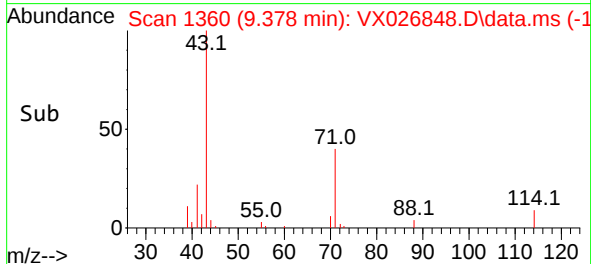
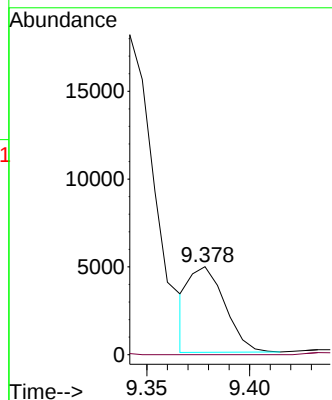
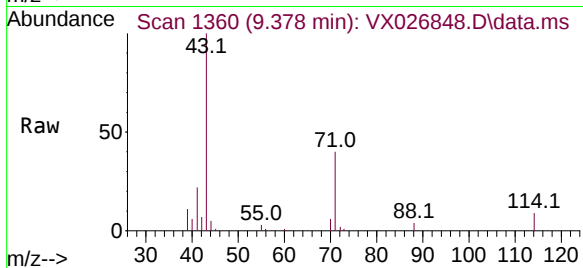
PB142539ZHE#01

Tgt Ion: 43 Resp: 5889

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 56.656 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026848.D

Acq: 09 Feb 2022 02:01

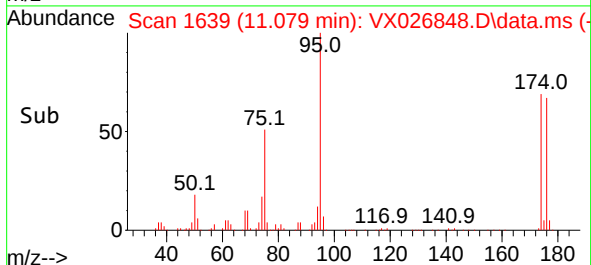
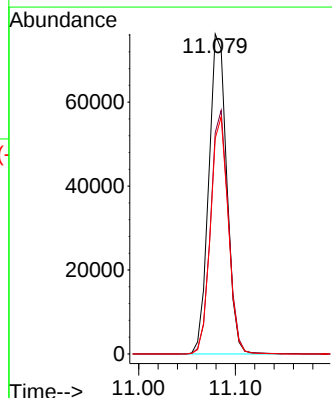
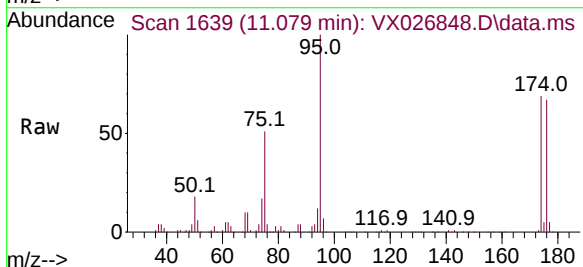
Tgt Ion: 95 Resp: 98929

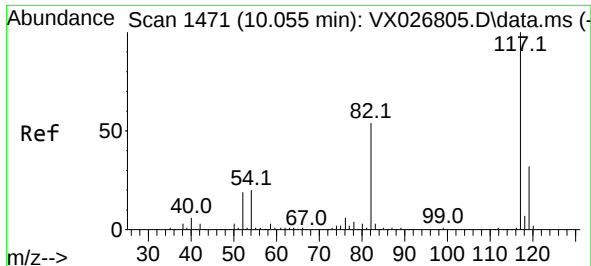
Ion Ratio Lower Upper

95 100

174 75.0 0.0 148.6

176 73.0 0.0 141.4

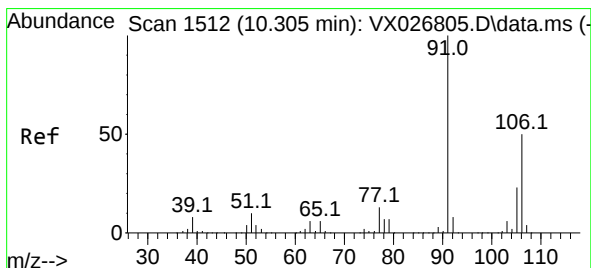
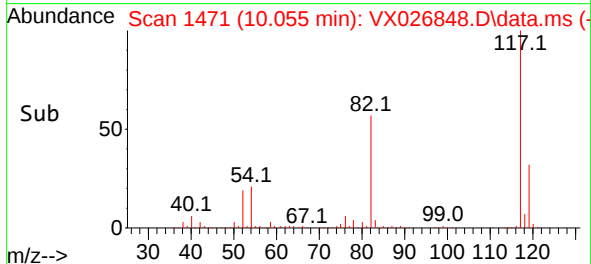
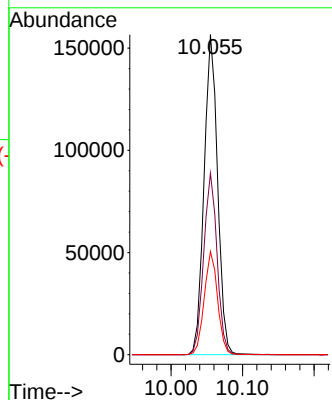
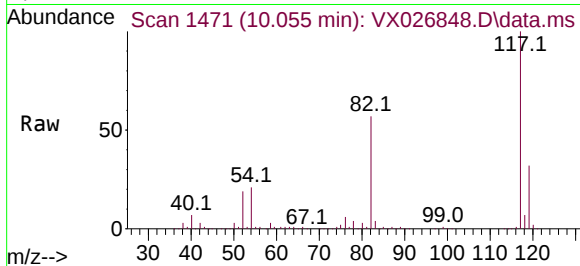




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

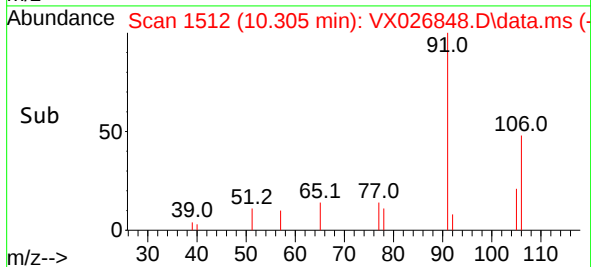
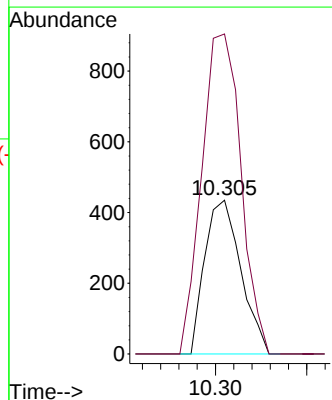
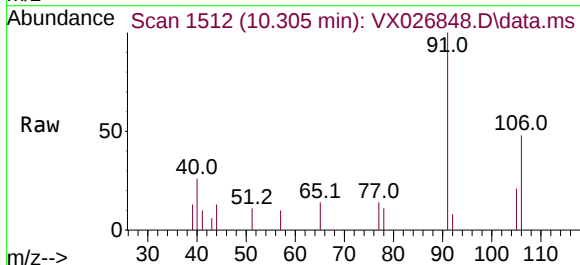
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

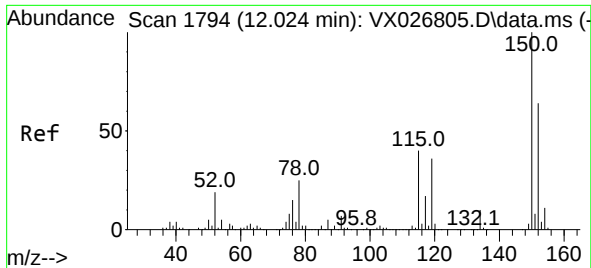
Tgt Ion:117 Resp: 205881
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 32.3 26.2 39.2



#68
m/p-Xylenes
Concen: 0.206 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion:106 Resp: 597
Ion Ratio Lower Upper
106 100
91 226.1 165.3 247.9

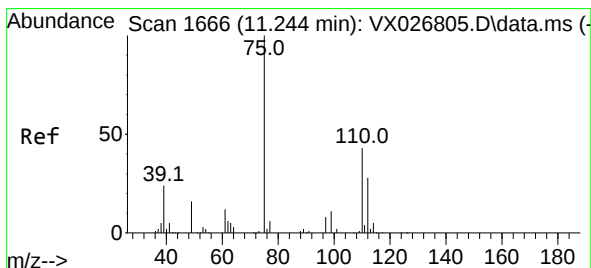
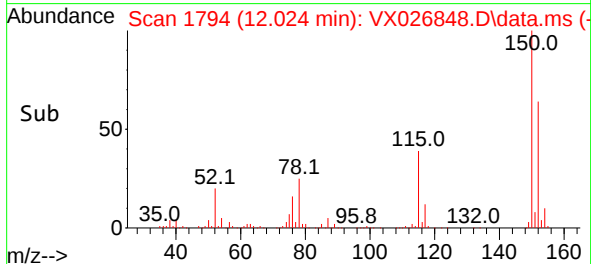
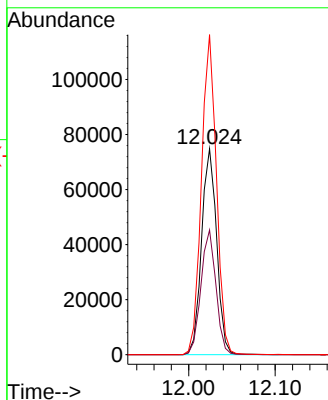
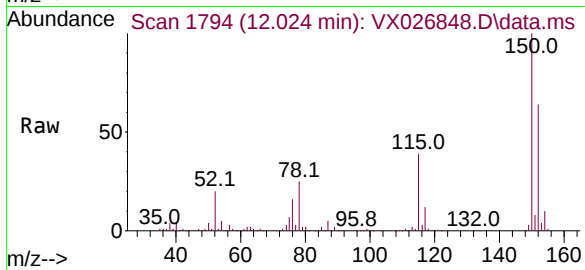




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026848.D
 Acq: 09 Feb 2022 02:01

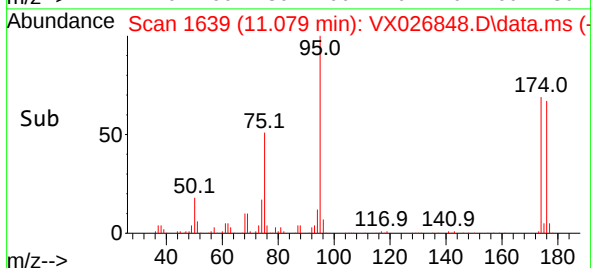
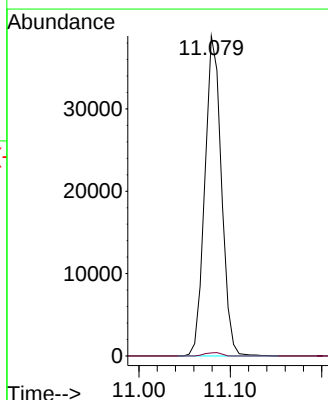
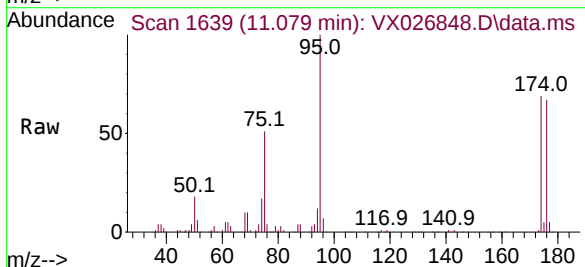
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142539ZHE#01

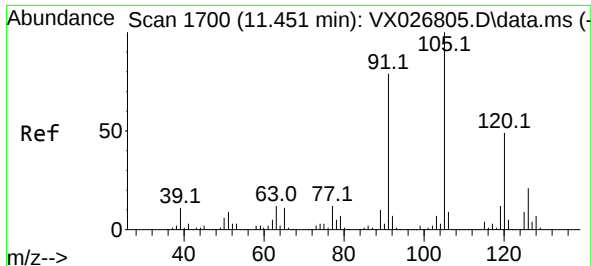
Tgt Ion:152 Resp: 90463
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.2 132.6
 150 154.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.697 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026848.D
 Acq: 09 Feb 2022 02:01

Tgt Ion: 75 Resp: 48906
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#

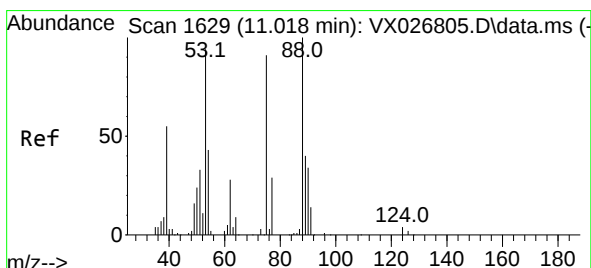
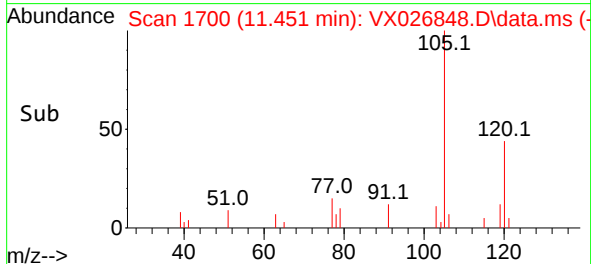
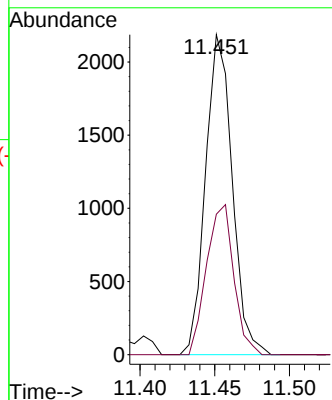
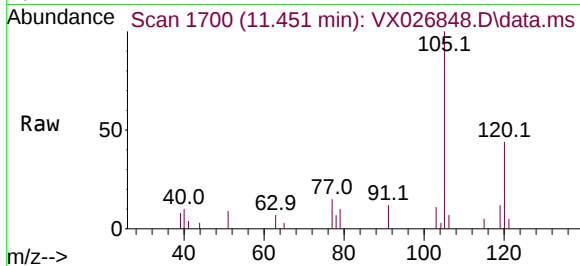




#80
1,3,5-Trimethylbenzene
Concen: 0.463 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#01

Tgt Ion:105 Resp: 2715
Ion Ratio Lower Upper
105 100
120 47.8 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026848.D
Acq: 09 Feb 2022 02:01

Tgt Ion: 75 Resp: 48906
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

