

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042795.D
 Acq On : 01 Aug 2024 15:01
 Operator : JC/MD
 Sample : VX0801WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

Quant Time: Aug 01 16:46:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

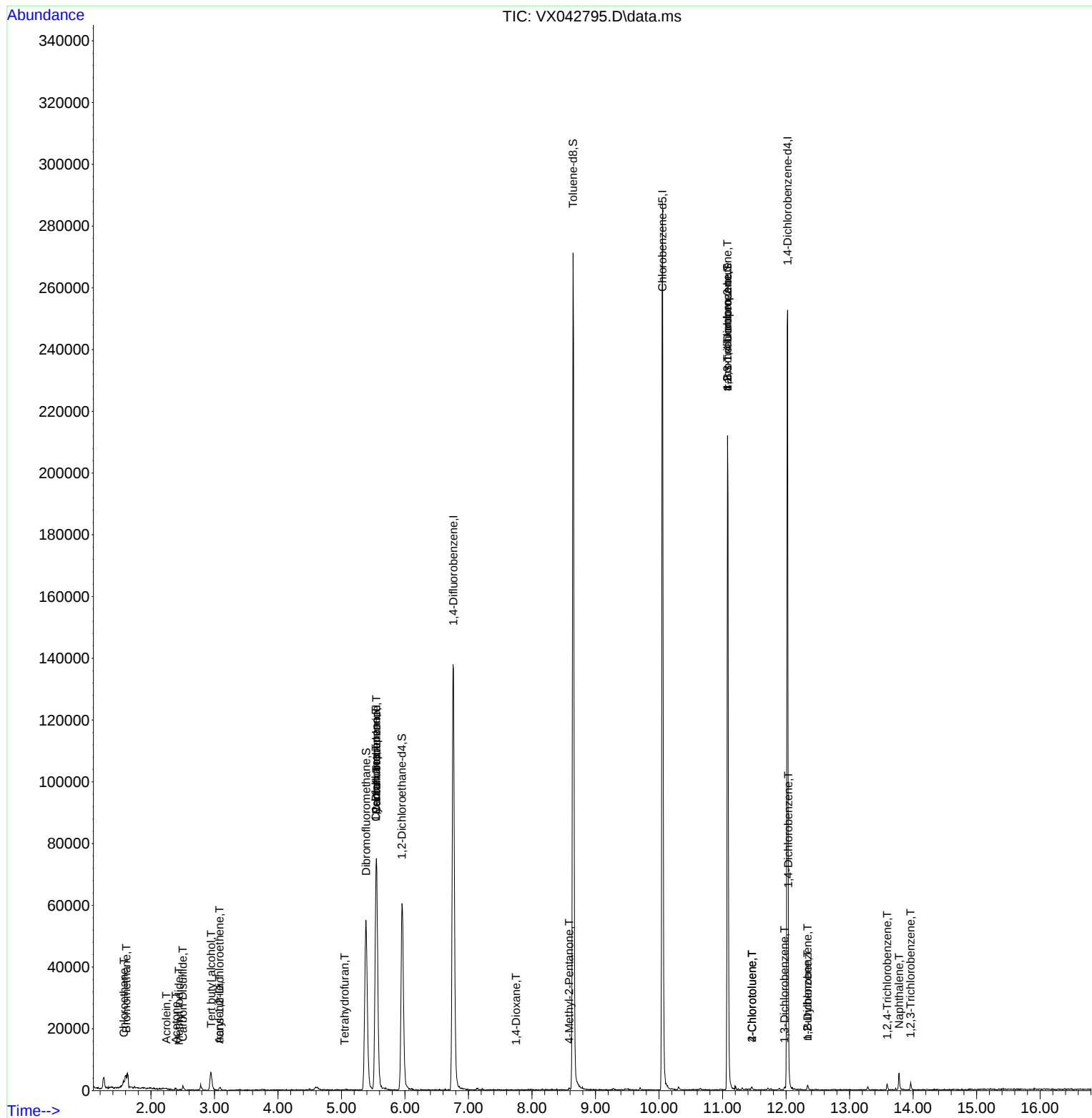
Internal Standards						
1) Pentafluorobenzene	5.550	168	66862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61872	57.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.200%			
35) Dibromofluoromethane	5.385	113	48616	50.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.647	98	158073	45.456	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.920%#			
62) 4-Bromofluorobenzene	11.079	95	58073	45.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.400%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	326	Below Cal	#	57
5) Bromomethane	1.611	94	246	0.861	ug/l #	51
6) Chloroethane	1.575	64	78	0.261	ug/l #	43
10) Methyl Iodide	2.440	142	181	0.225	ug/l #	34
11) Tert butyl alcohol	2.946	59	3913	14.577	ug/l #	78
13) Acrolein	2.239	56	335	1.598	ug/l #	29
15) Acrylonitrile	3.075	53	390	0.884	ug/l #	50
16) Acetone	2.392	43	576	1.477	ug/l #	75
17) Carbon Disulfide	2.501	76	1423	0.775	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	283	0.337	ug/l #	69
29) Tetrahydrofuran	5.050	42	149	0.417	ug/l #	34
31) Cyclohexane	5.544	56	1570	1.326	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6268	5.045	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7863	5.491	ug/l #	14
49) 1,4-Dioxane	7.750	88	22	31.627	ug/l #	12
51) 4-Methyl-2-Pentanone	8.586	43	534	0.406	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	34313	32.128	ug/l #	38
79) 2-Chlorotoluene	11.463	91	623	0.240	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	34313	95.091	ug/l #	5
82) 4-Chlorotoluene	11.463	91	623	0.212	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	366	0.222	ug/l #	58
88) 1,4-Dichlorobenzene	12.036	146	626	0.377	ug/l #	1
89) n-Butylbenzene	12.341	91	616	0.239	ug/l #	89
91) 1,2-Dichlorobenzene	12.341	146	379	0.232	ug/l #	78
93) 1,2,4-Trichlorobenzene	13.591	180	463	0.494	ug/l	83
95) Naphthalene	13.780	128	3779	1.056	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	575	0.596	ug/l	92

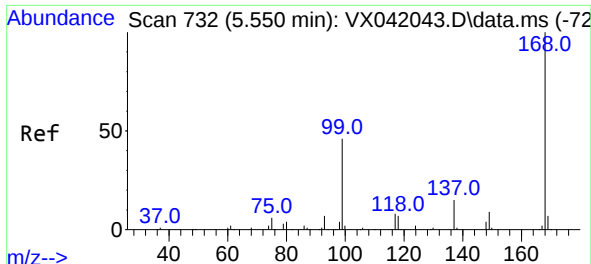
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
Data File : VX042795.D
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Sample : VX0801WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

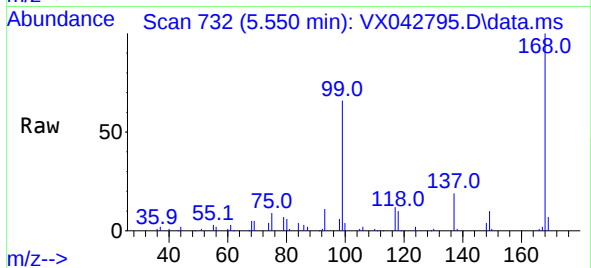
Quant Time: Aug 01 16:46:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
Quant Title : SW846 8260
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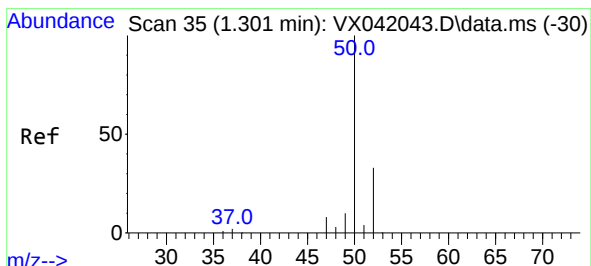
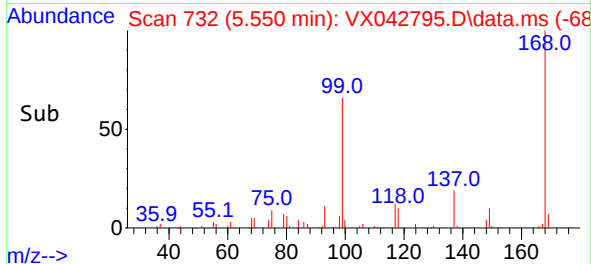
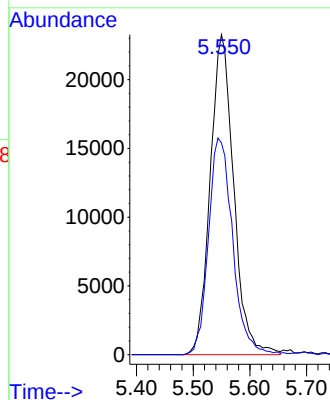


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

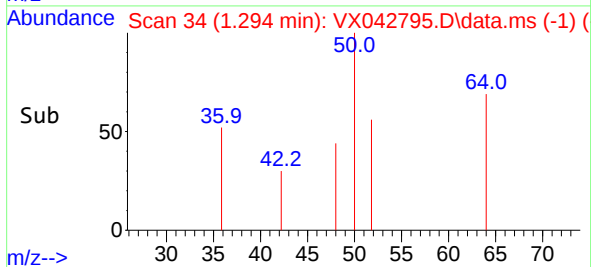
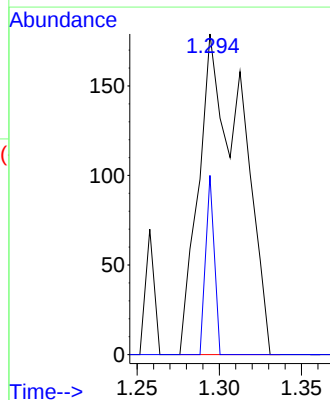
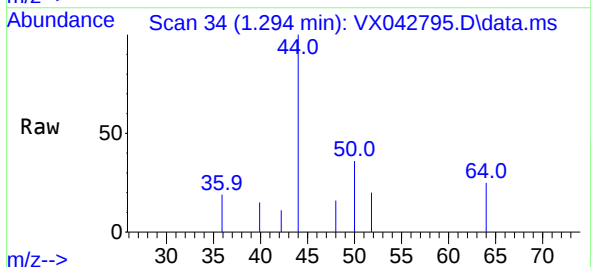


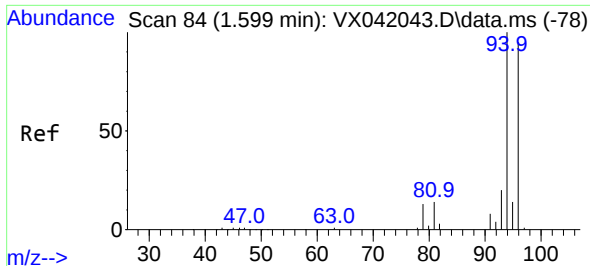
Tgt Ion:168 Resp: 66862
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 50 Resp: 326
Ion Ratio Lower Upper
50 100
52 55.9 25.5 38.3#

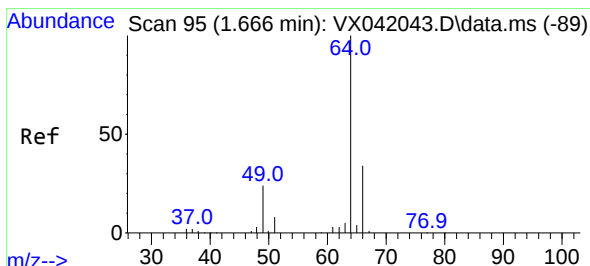
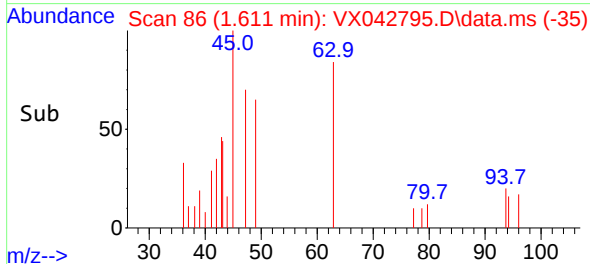
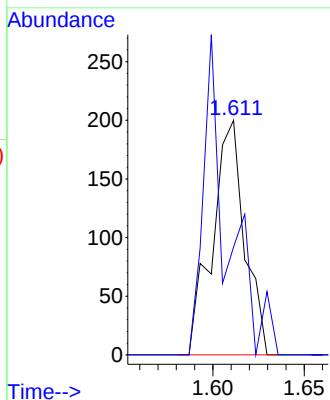
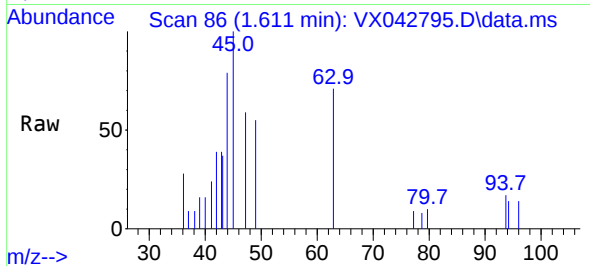




#5
Bromomethane
Concen: 0.861 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

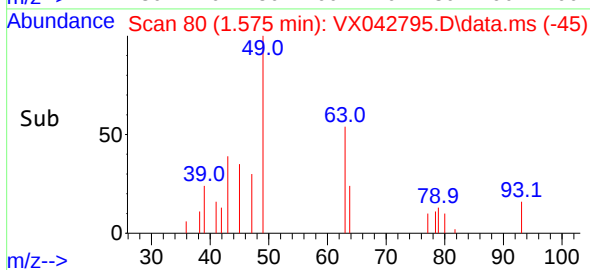
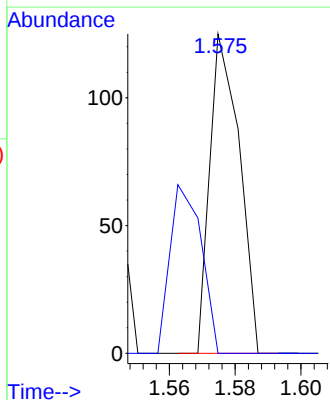
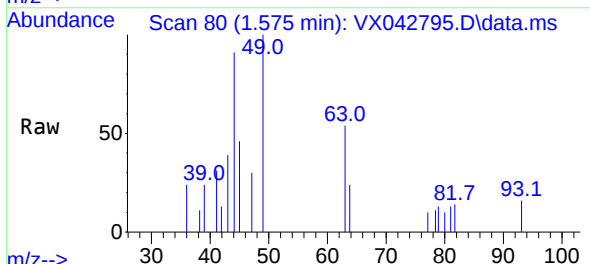
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

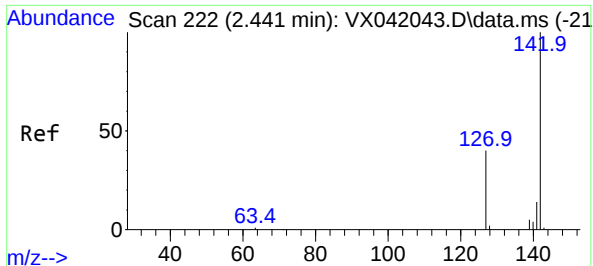
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 46.0 74.6 111.8#



#6
Chloroethane
Concen: 0.261 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.085 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

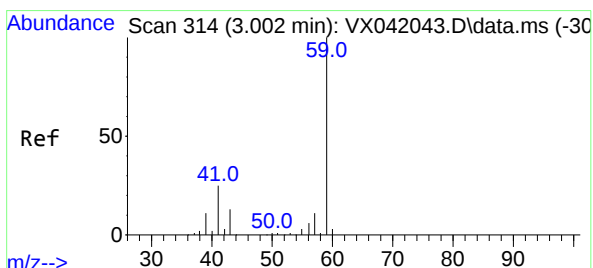
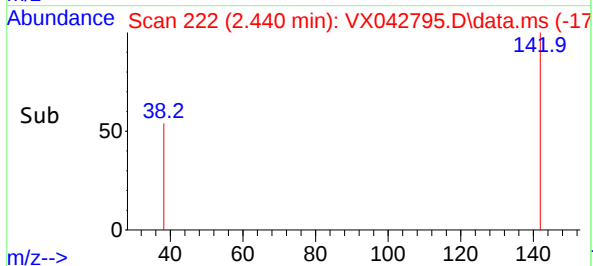
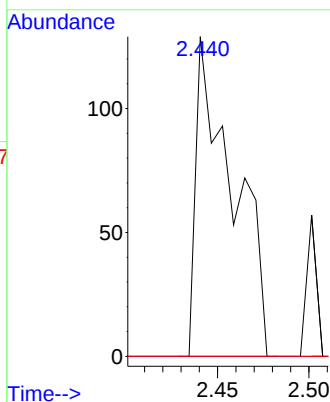
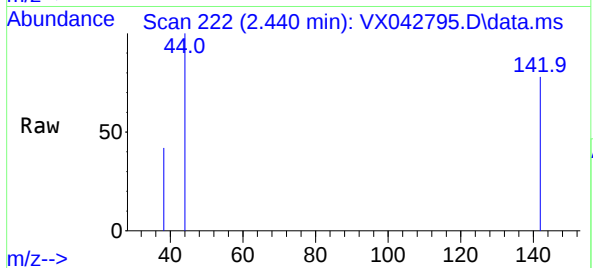




#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 2.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

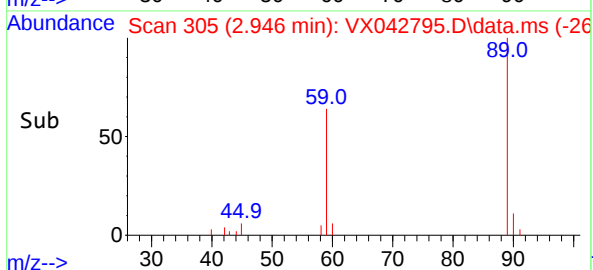
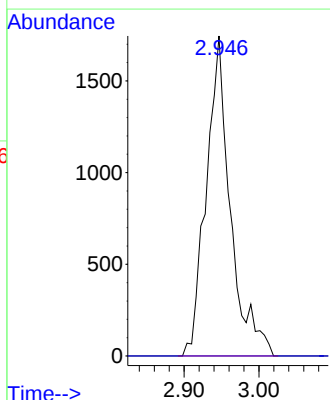
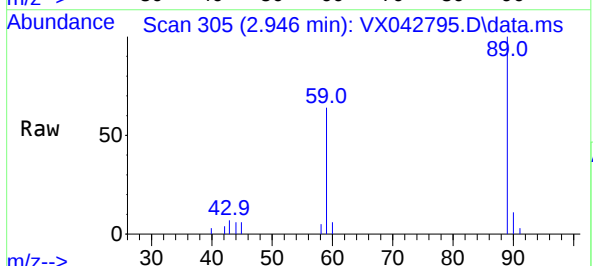
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

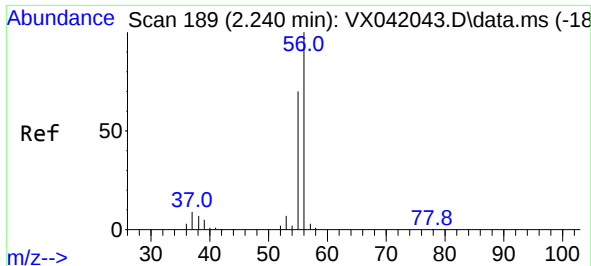
Tgt Ion:142 Resp: 181
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 14.577 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

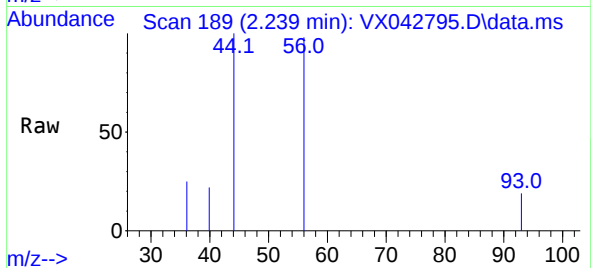
Tgt Ion: 59 Resp: 3913
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



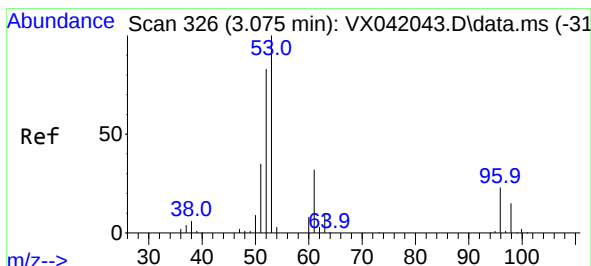
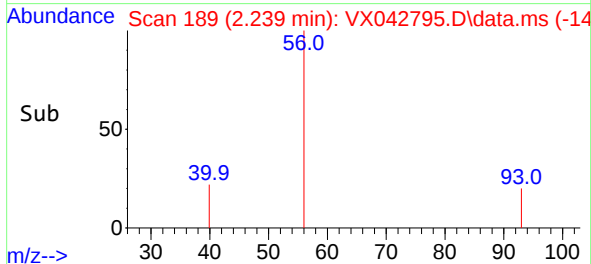
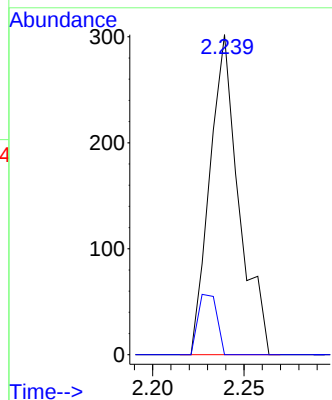


#13
Acrolein
Concen: 1.598 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

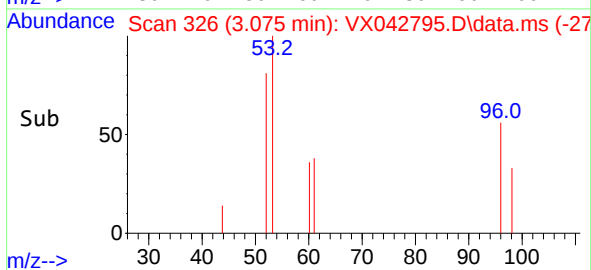
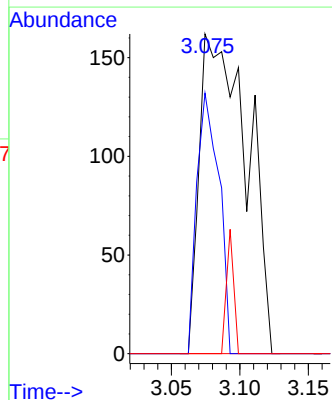
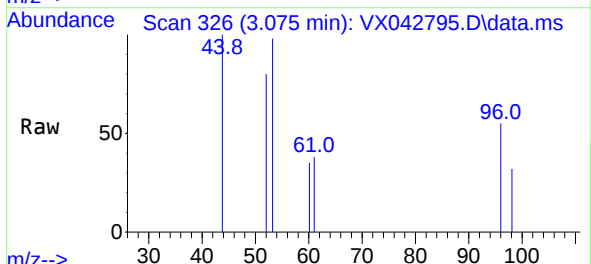


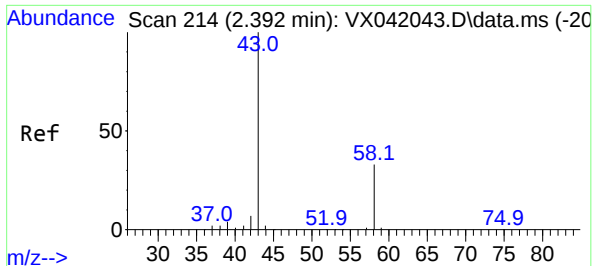
Tgt Ion: 56 Resp: 335
Ion Ratio Lower Upper
56 100
55 12.2 57.1 85.7#



#15
Acrylonitrile
Concen: 0.884 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.001 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 53 Resp: 390
Ion Ratio Lower Upper
53 100
52 38.2 66.0 99.0#
51 5.9 29.8 44.6#

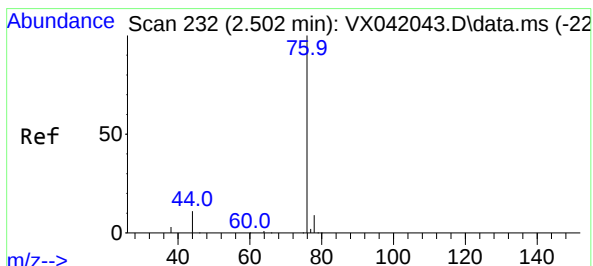
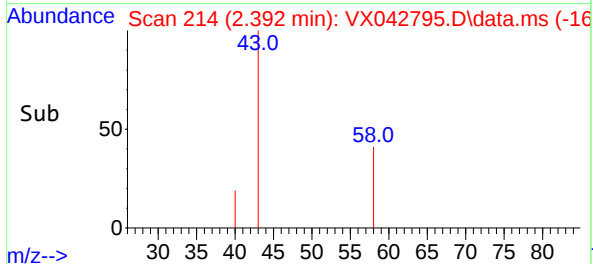
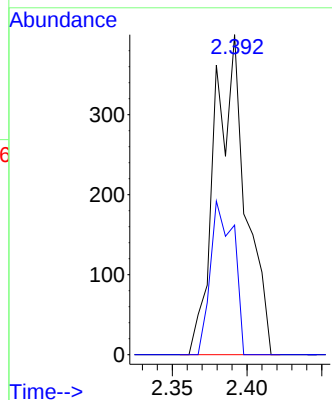
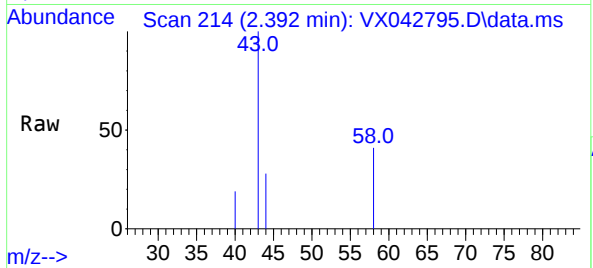




#16
Acetone
Concen: 1.477 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

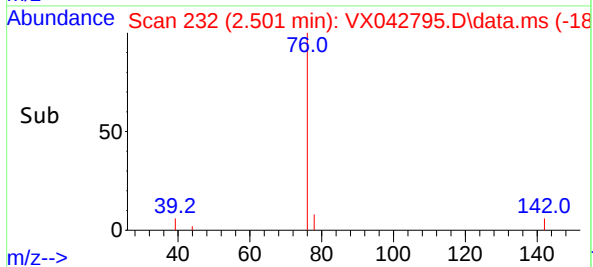
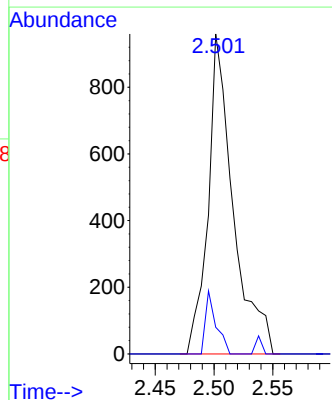
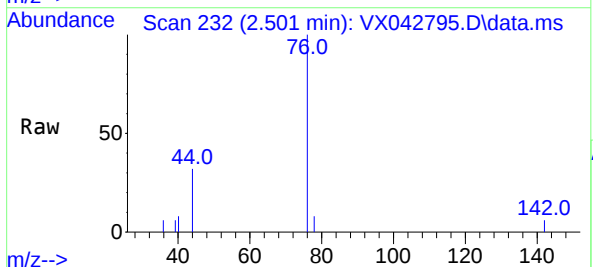
Instrument :
MSVOA_X
ClientSampleId :
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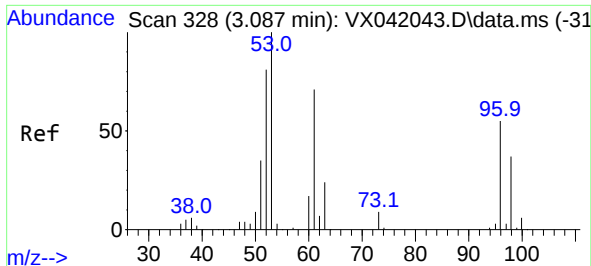
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 40.5 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.775 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 76 Resp: 1423
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

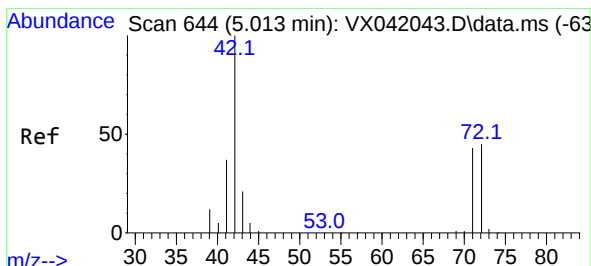
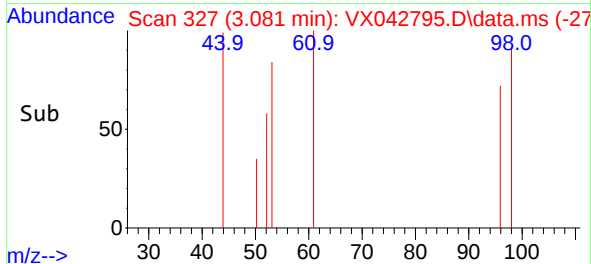
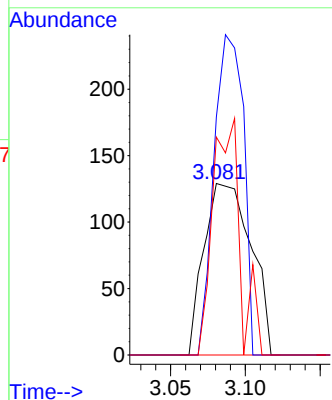
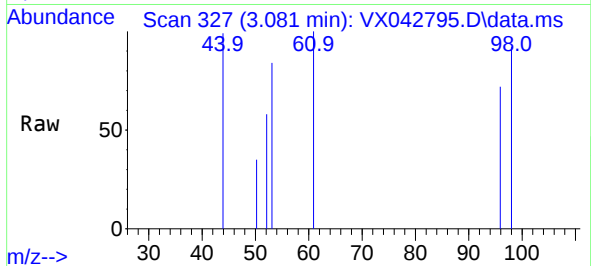




#21
trans-1,2-Dichloroethene
Concen: 0.337 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

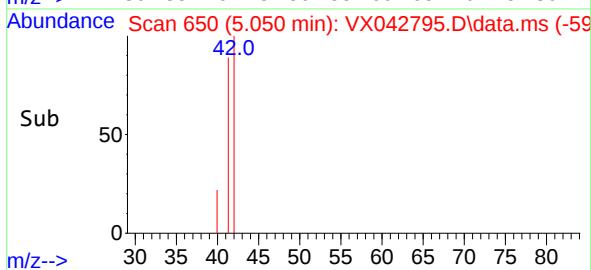
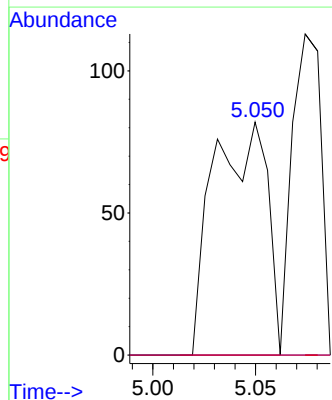
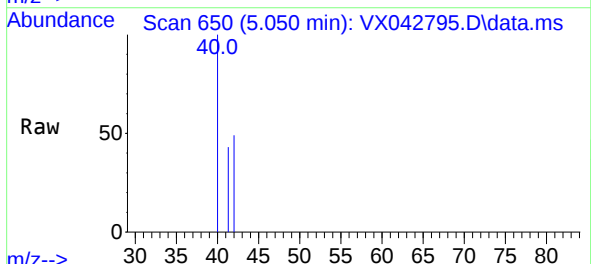
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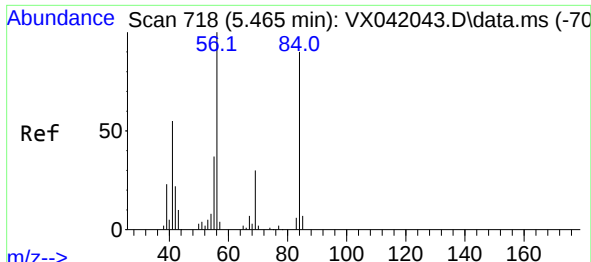
Tgt Ion: 96 Resp: 283
Ion Ratio Lower Upper
96 100
61 138.8 119.2 178.8
98 127.1 48.7 73.1#



#29
Tetrahydrofuran
Concen: 0.417 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.031 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

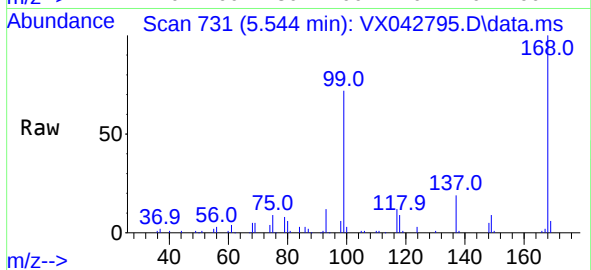
Tgt Ion: 42 Resp: 149
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



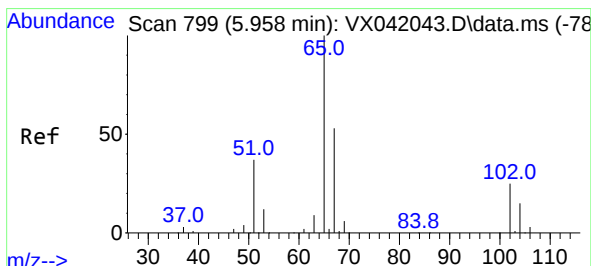
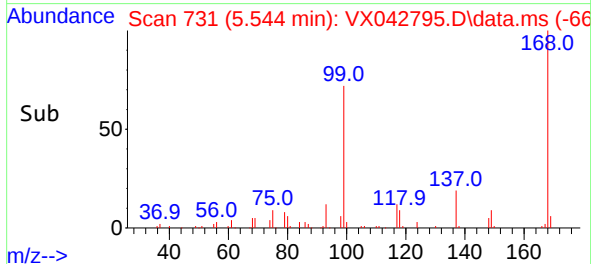
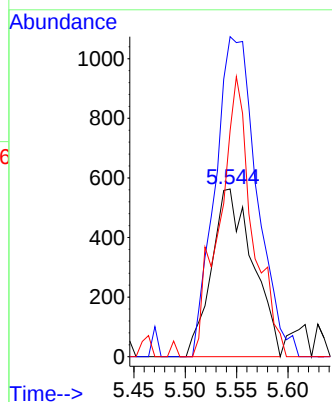


#31
Cyclohexane
Concen: 1.326 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

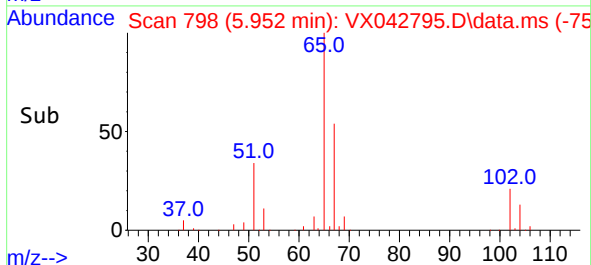
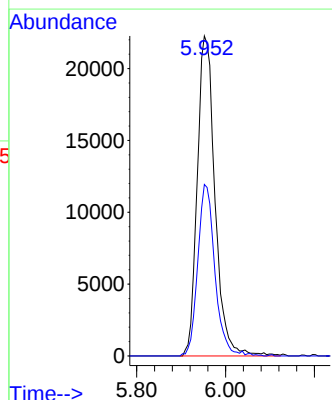
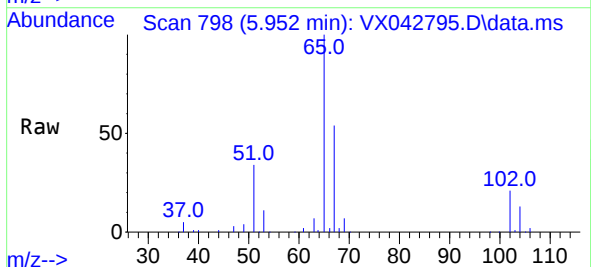


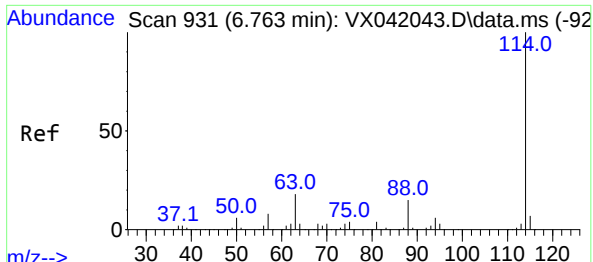
Tgt Ion: 56 Resp: 1570
Ion Ratio Lower Upper
56 100
69 190.8 23.4 35.2#
84 134.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 57.598 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 65 Resp: 61872
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

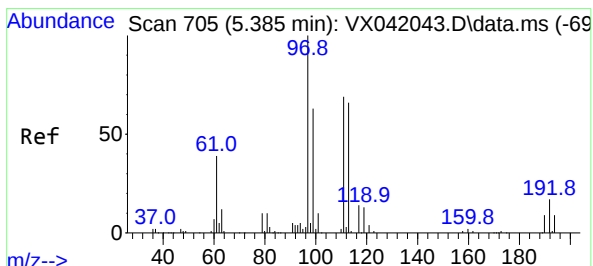
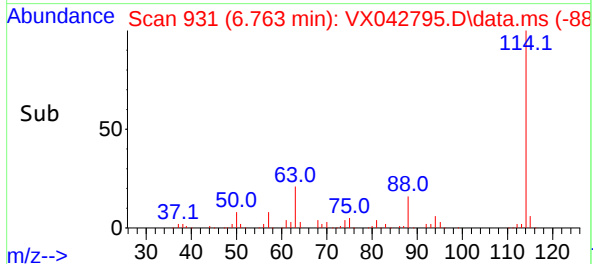
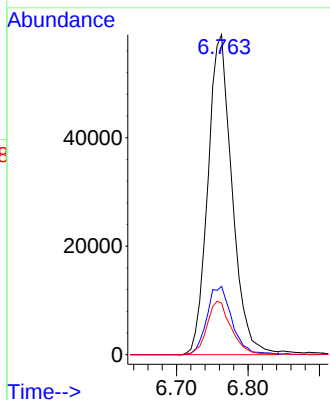
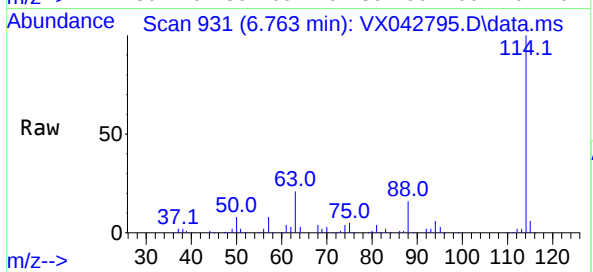




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

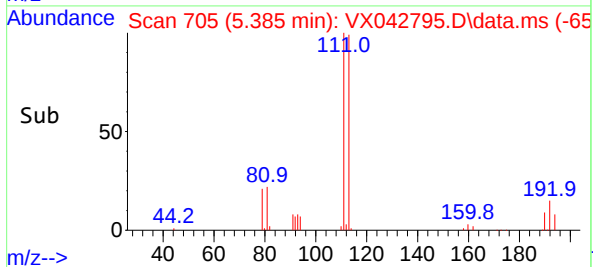
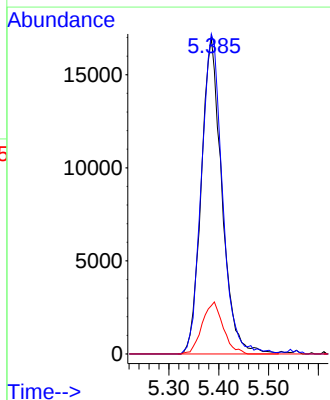
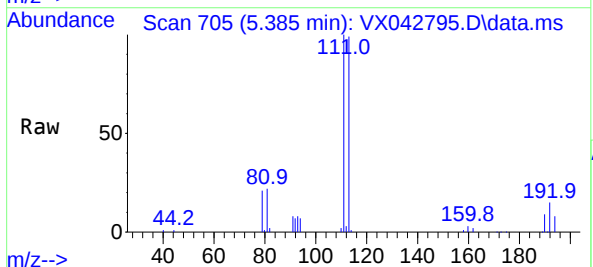
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

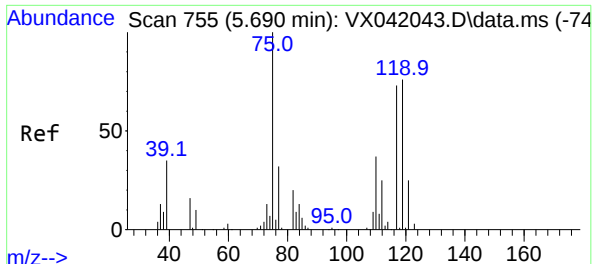
Tgt Ion:114 Resp: 138686
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.744 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

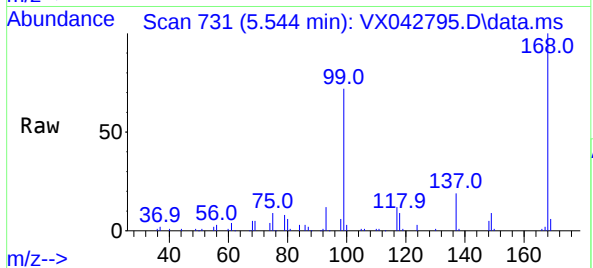
Tgt Ion:113 Resp: 48616
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 16.7 13.3 19.9



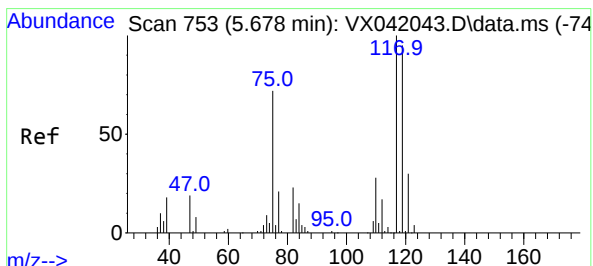
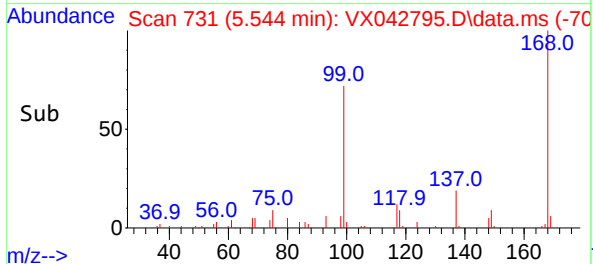
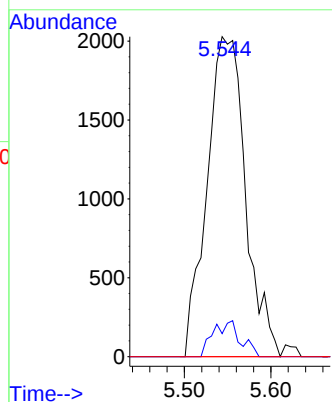


#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

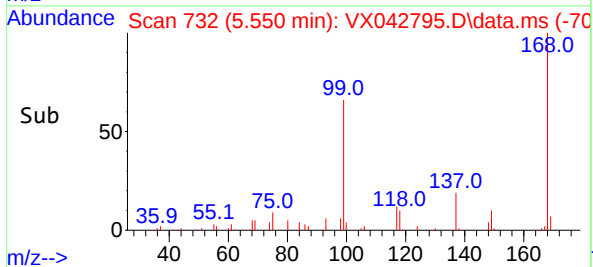
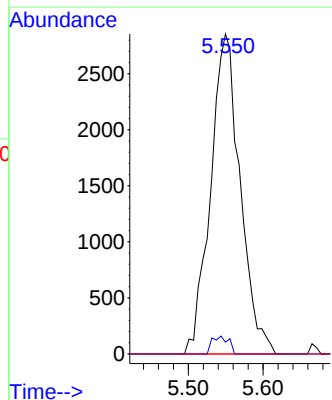
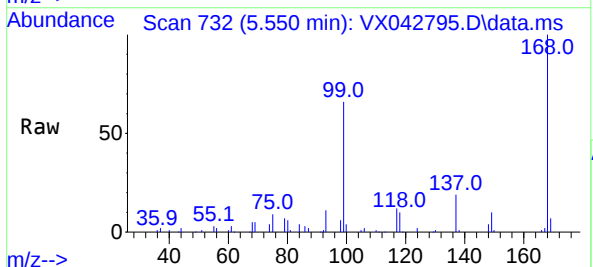


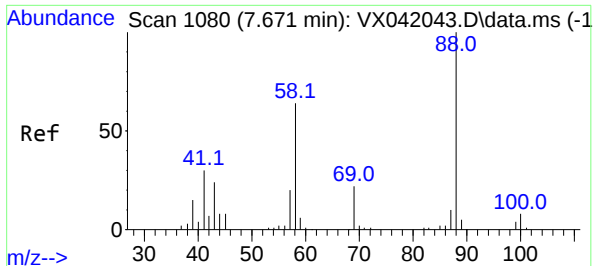
Tgt Ion: 75 Resp: 6268
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.491 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 117 Resp: 7863
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

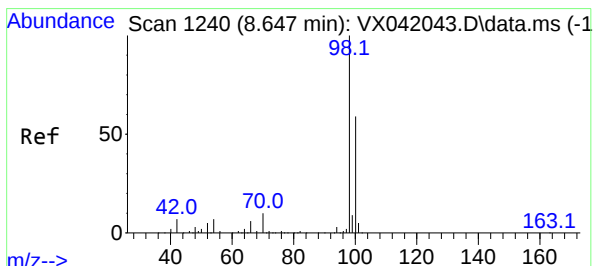
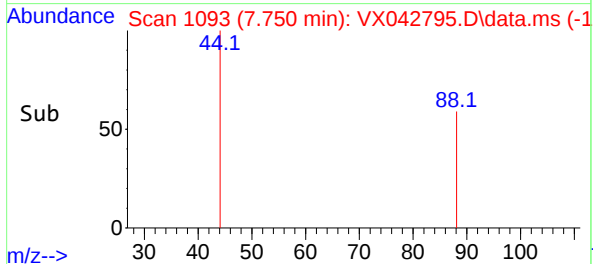
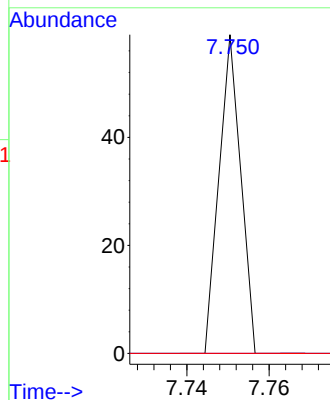
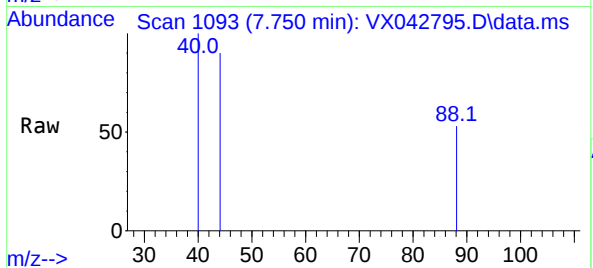




#49
1,4-Dioxane
Concen: 31.627 ug/l
RT: 7.750 min Scan# 1080
Delta R.T. 0.085 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

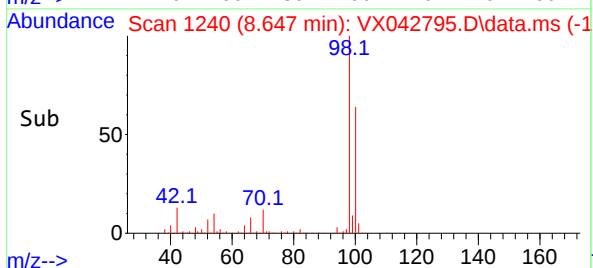
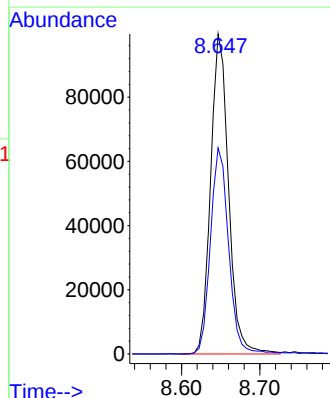
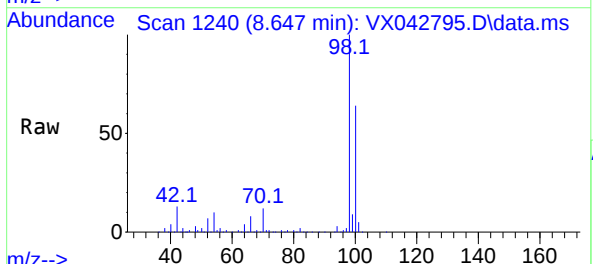
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

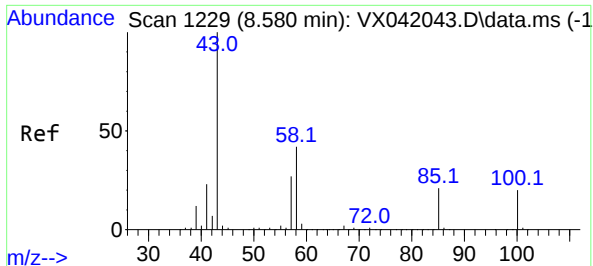
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 45.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 98 Resp: 158073
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

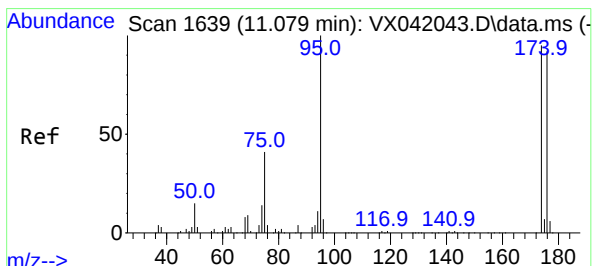
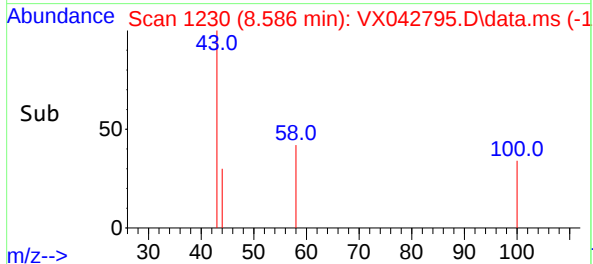
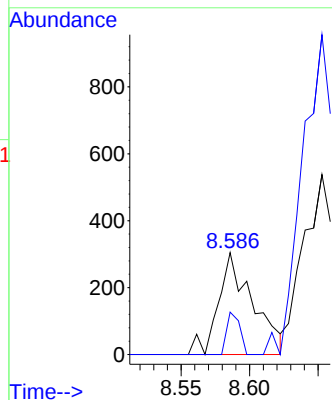
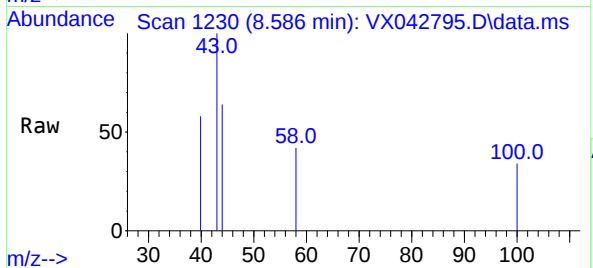




#51
4-Methyl-2-Pentanone
Concen: 0.406 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

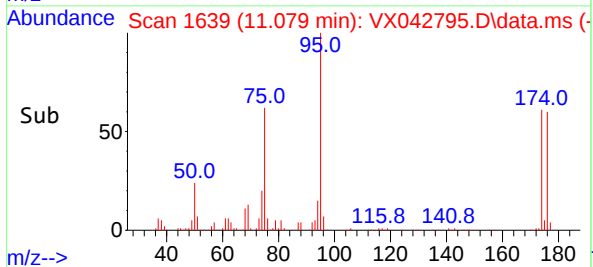
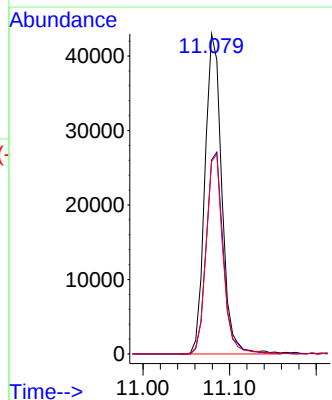
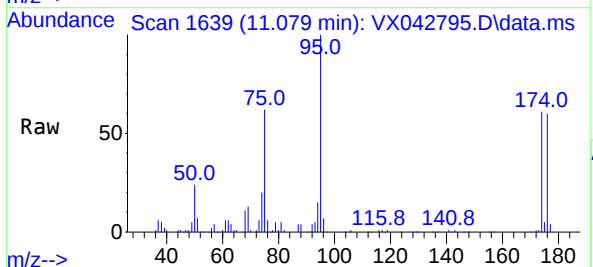
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

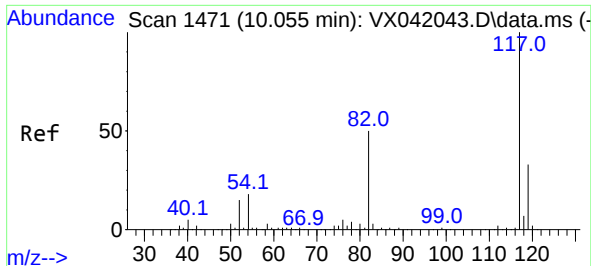
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 15.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.697 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 95 Resp: 58073
Ion Ratio Lower Upper
95 100
174 63.7 0.0 135.6
176 62.1 0.0 131.0

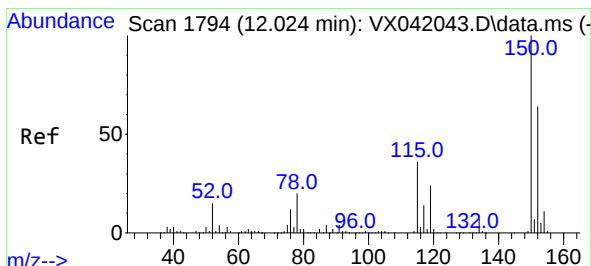
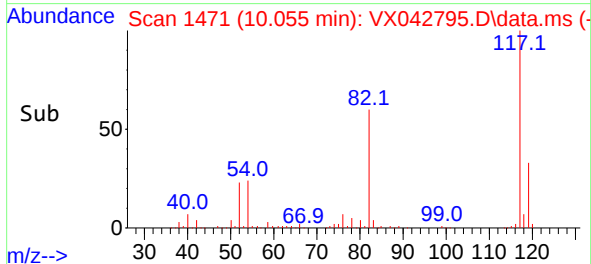
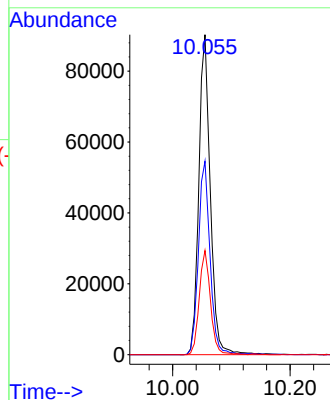
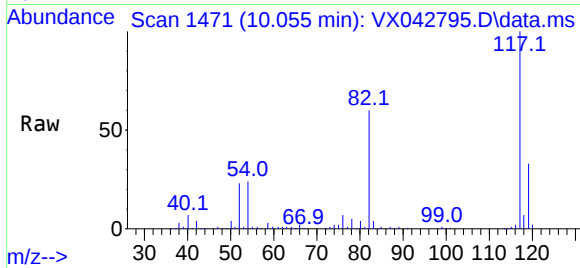




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

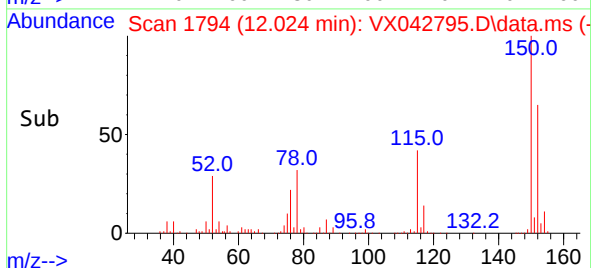
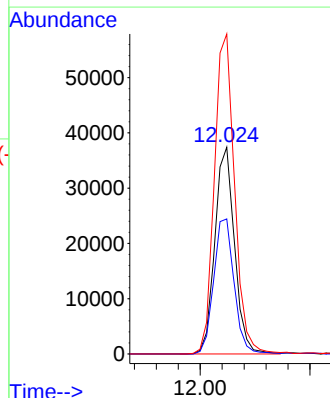
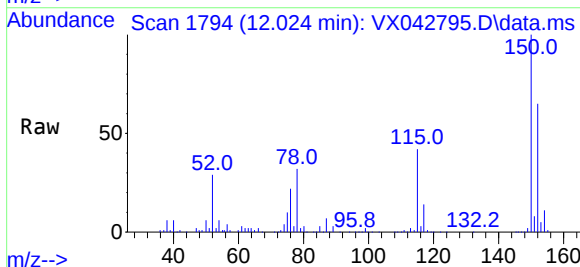
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

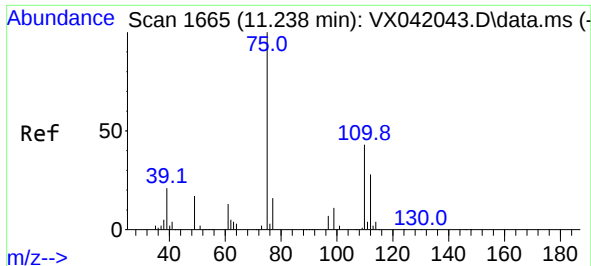
Tgt Ion:117 Resp: 122967
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion:152 Resp: 46740
Ion Ratio Lower Upper
152 100
115 68.0 43.3 129.9
150 158.8 0.0 345.0

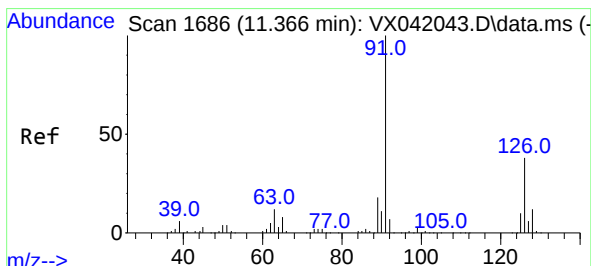
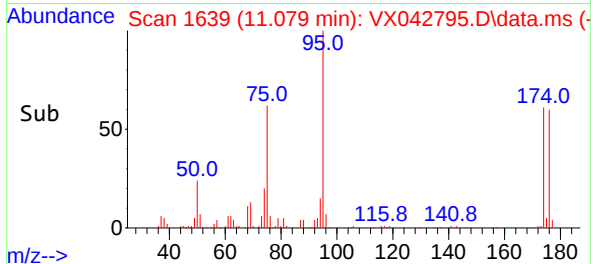
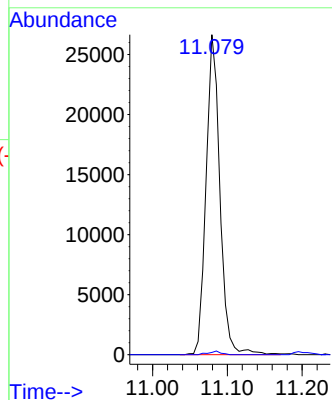
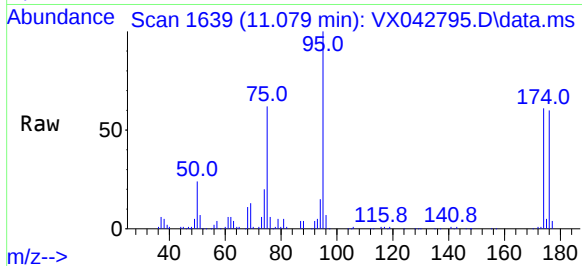




#76
1,2,3-Trichloropropane
Concen: 32.128 ug/l
RT: 11.079 min Scan# 1102
Delta R.T. -0.159 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

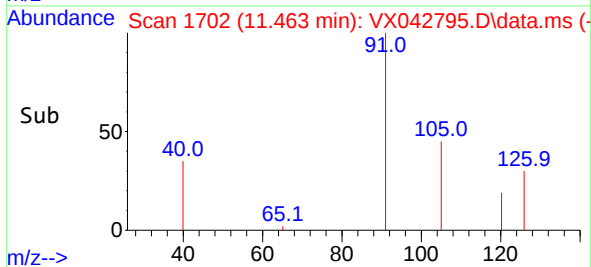
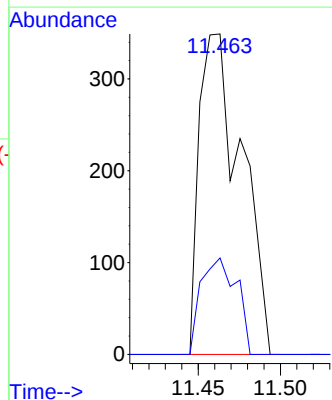
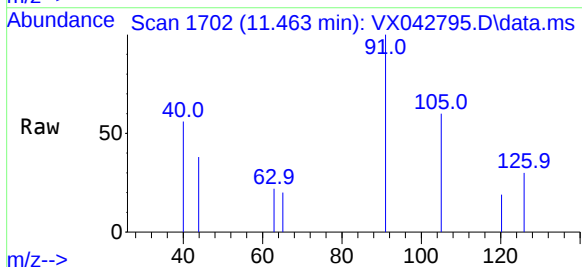
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

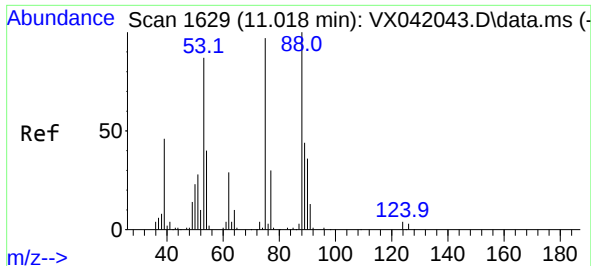
Tgt Ion: 75 Resp: 34313
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#79
2-Chlorotoluene
Concen: 0.240 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.097 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 91 Resp: 623
Ion Ratio Lower Upper
91 100
126 25.4 16.3 48.8

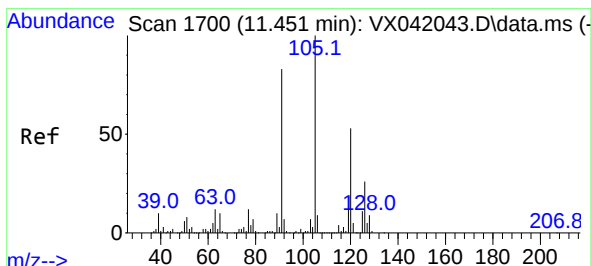
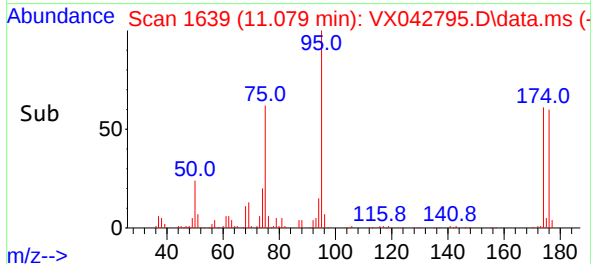
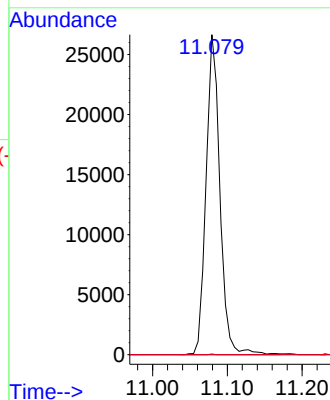
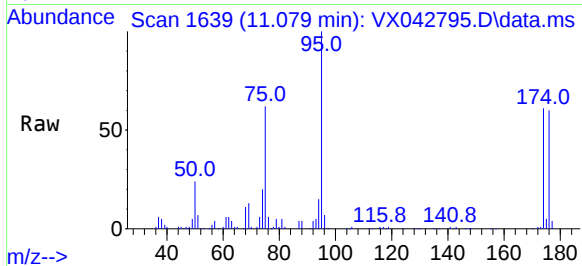




#81
trans-1,4-Dichloro-2-butene
Concen: 95.091 ug/l
RT: 11.079 min Scan# 1102
Delta R.T. 0.061 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

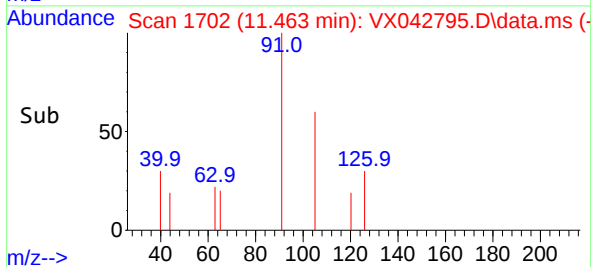
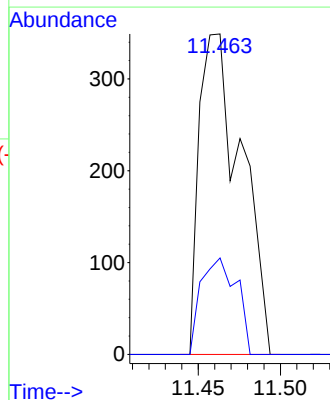
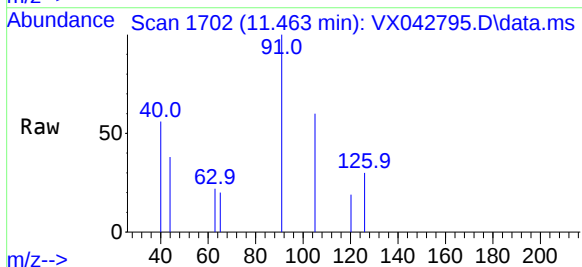
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

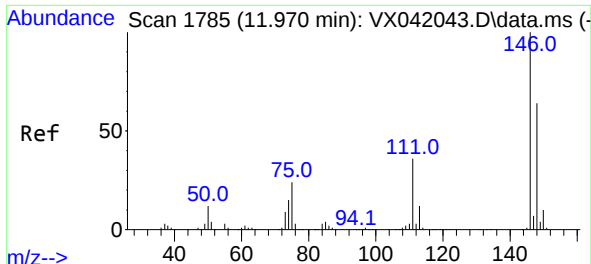
Tgt Ion: 75 Resp: 34313
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.212 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

Tgt Ion: 91 Resp: 623
Ion Ratio Lower Upper
91 100
126 25.4 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.222 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX042795.D

Acq: 01 Aug 2024 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

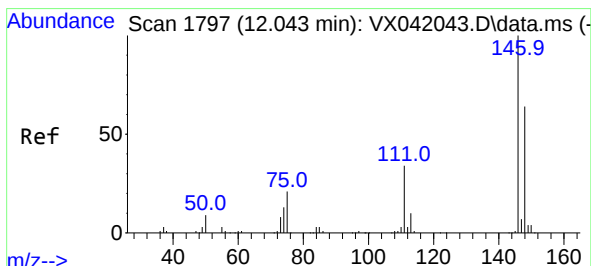
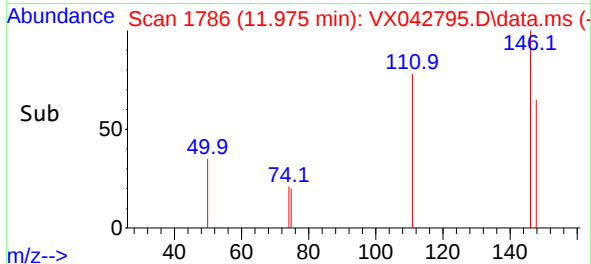
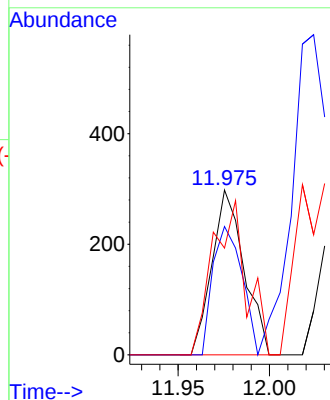
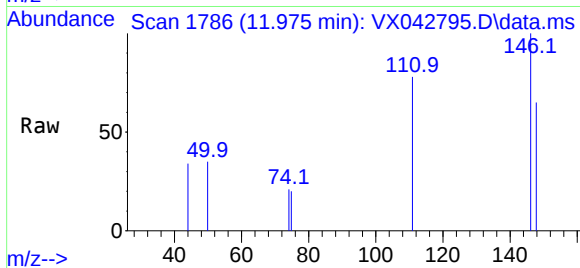
Tgt Ion:146 Resp: 366

Ion Ratio Lower Upper

146 100

111 70.5 22.1 66.1#

148 97.5 31.8 95.3#



#88

1,4-Dichlorobenzene

Concen: 0.377 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX042795.D

Acq: 01 Aug 2024 15:01

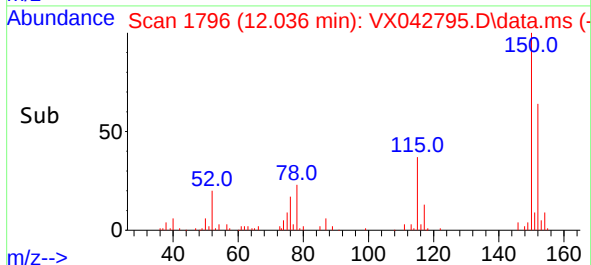
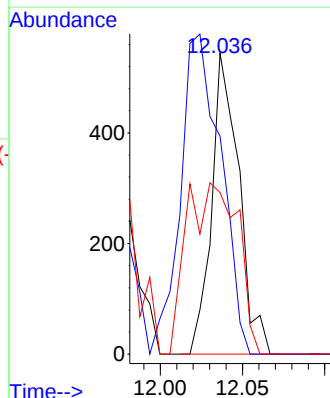
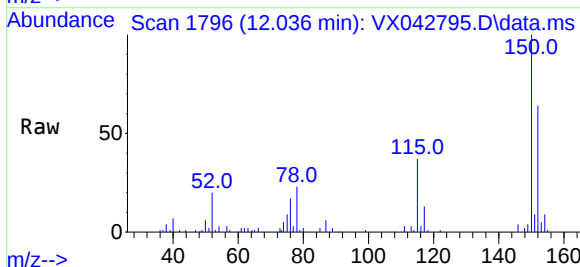
Tgt Ion:146 Resp: 626

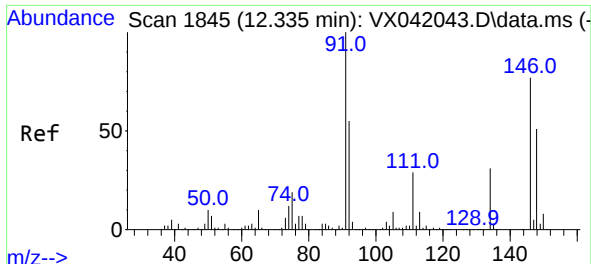
Ion Ratio Lower Upper

146 100

111 157.5 21.3 63.7#

148 107.3 31.8 95.4#





#89

n-Butylbenzene

Concen: 0.239 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX042795.D

Acq: 01 Aug 2024 15:01

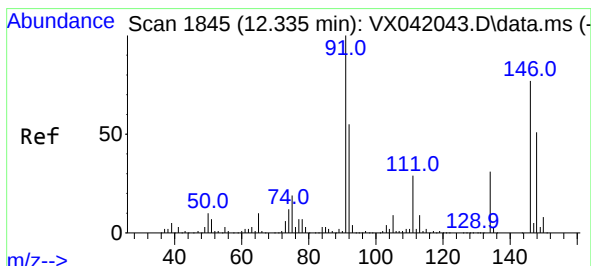
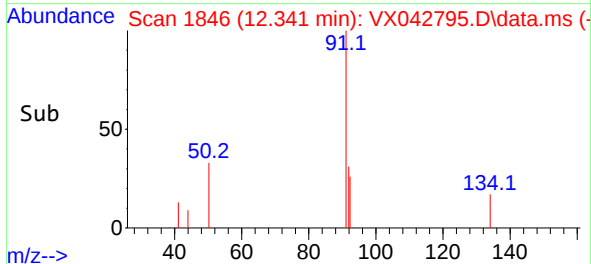
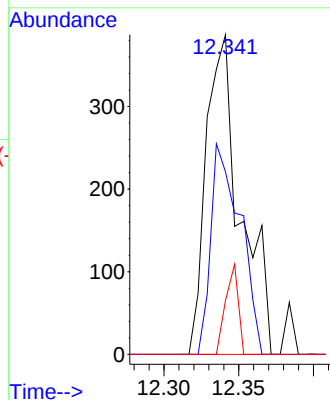
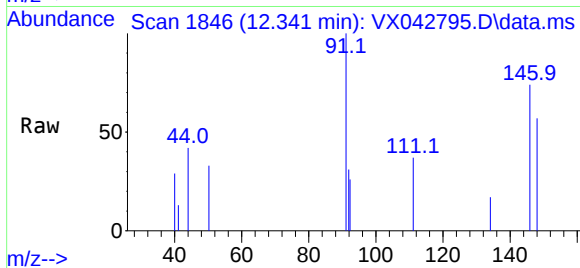
Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

Tgt Ion: 91	Resp:	616
Ion	Ratio	Lower Upper
91	100	
92	56.7	27.4 82.0
134	10.4	12.6 37.8#



#91

1,2-Dichlorobenzene

Concen: 0.232 ug/l

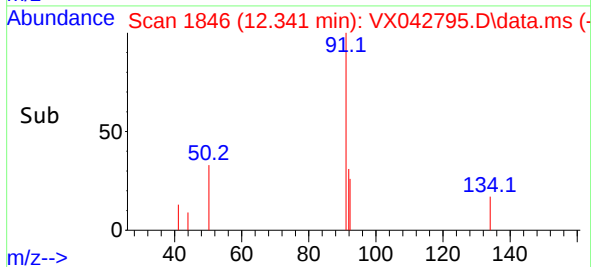
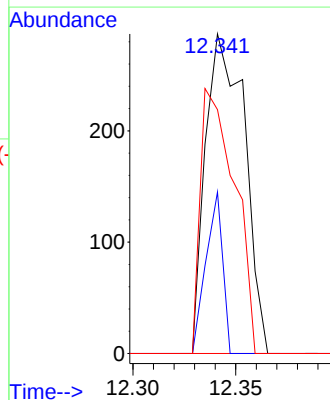
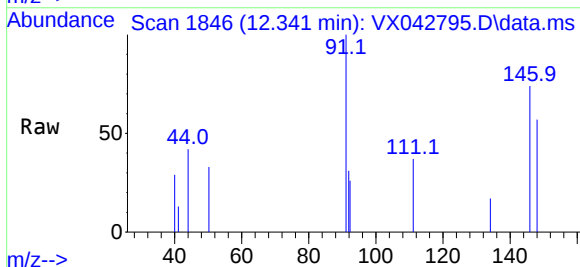
RT: 12.341 min Scan# 1846

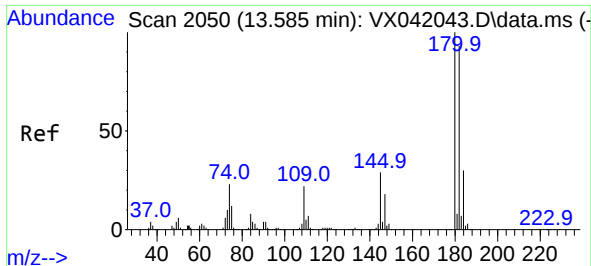
Delta R.T. 0.006 min

Lab File: VX042795.D

Acq: 01 Aug 2024 15:01

Tgt Ion: 146	Resp:	379
Ion	Ratio	Lower Upper
146	100	
111	21.6	22.4 67.0#
148	72.8	31.6 95.0

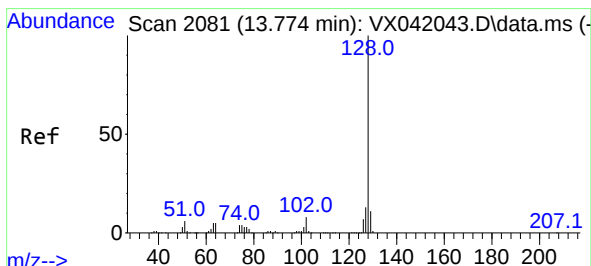
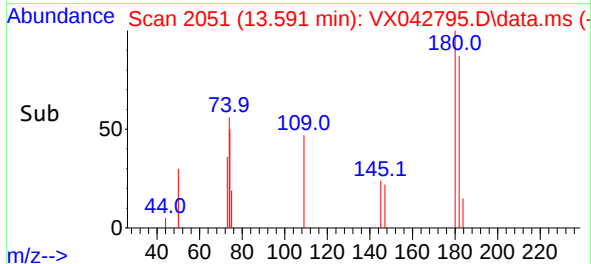
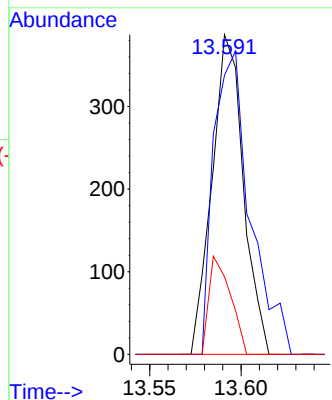
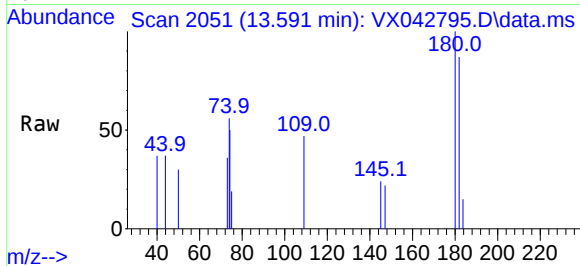




#93
1,2,4-Trichlorobenzene
Concen: 0.494 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

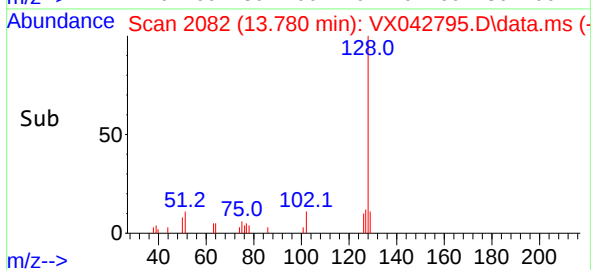
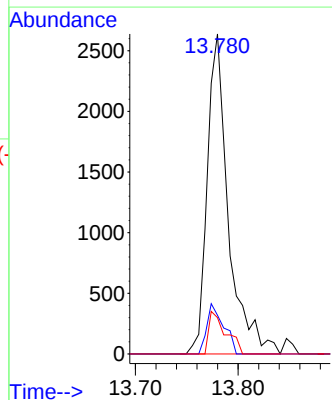
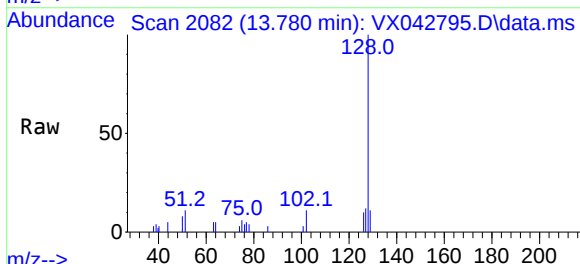
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

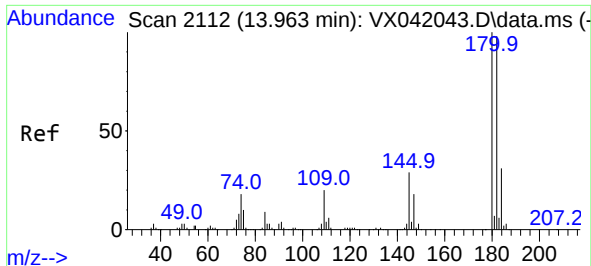
Tgt Ion:180 Resp: 463
Ion Ratio Lower Upper
180 100
182 109.9 48.3 144.8
145 21.0 18.0 54.0



#95
Naphthalene
Concen: 1.056 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042795.D
Acq: 01 Aug 2024 15:01

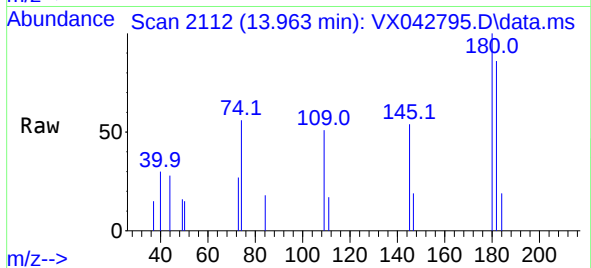
Tgt Ion:128 Resp: 3779
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.596 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX042795.D
 Acq: 01 Aug 2024 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01



Tgt Ion:	180	Resp:	575
Ion	Ratio	Lower	Upper
180	100		
182	87.5	46.9	140.6
145	43.5	17.8	53.5

