

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030019.D
 Acq On : 12 Jul 2022 15:03
 Operator : JC/MD
 Sample : VX0712WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBL01

Quant Time: Jul 13 09:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

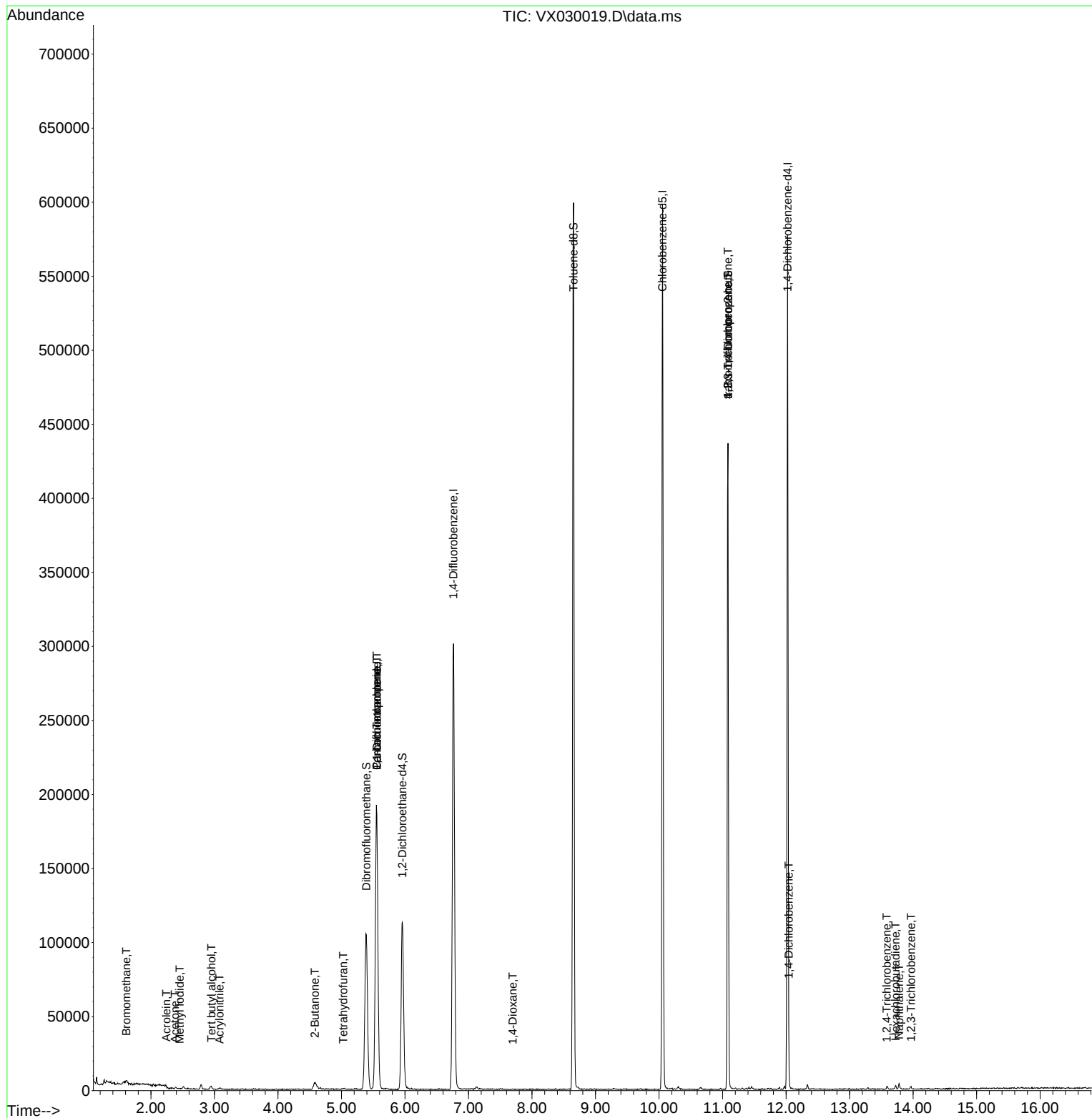
Internal Standards						
1) Pentafluorobenzene	5.556	168	190148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	328443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101663	43.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.860%		
35) Dibromofluoromethane	5.391	113	96019	45.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.653	98	369122	46.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.560%		
62) 4-Bromofluorobenzene	11.085	95	119582	43.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57	Below Cal	#	42
5) Bromomethane	1.611	94	510	0.546	ug/l #	66
10) Methyl Iodide	2.453	142	576	2.696	ug/l #	84
11) Tert butyl alcohol	2.952	59	1460	2.444	ug/l #	74
13) Acrolein	2.239	56	98	0.824	ug/l #	54
15) Acrylonitrile	3.080	53	446	0.329	ug/l #	18
16) Acetone	2.379	43	1138	1.043	ug/l	92
20) Methylene Chloride	2.788	84	1514	Below Cal	#	80
25) 2-Butanone	4.580	43	835	0.449	ug/l #	48
29) Tetrahydrofuran	5.025	42	285	0.226	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	14272	5.266	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17121	6.774	ug/l #	16
49) 1,4-Dioxane	7.695	88	56	0.892	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	56377	21.300	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56377	61.470	ug/l #	13
88) 1,4-Dichlorobenzene	12.042	146	1114	0.293	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.585	180	575	0.249	ug/l	89
94) Hexachlorobutadiene	13.725	225	459	0.497	ug/l	89
95) Naphthalene	13.780	128	2844	0.310	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.969	180	549	0.233	ug/l	93

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

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Quant Time: Jul 13 09:07:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
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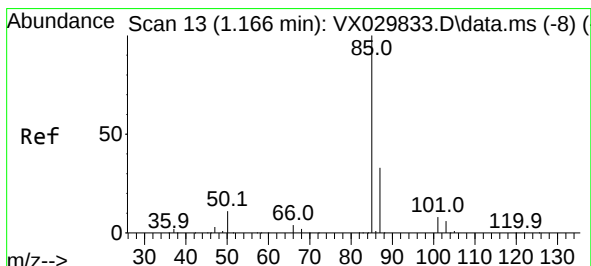
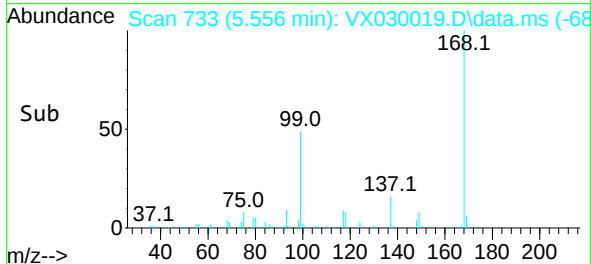
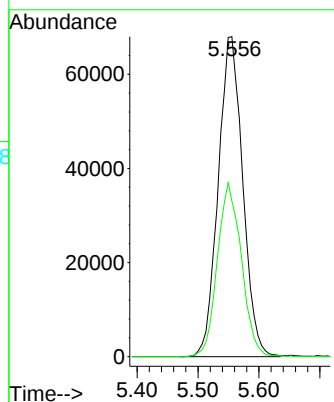
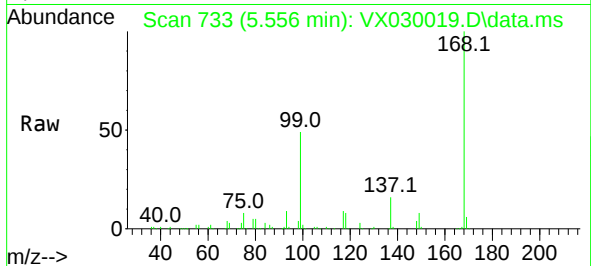




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

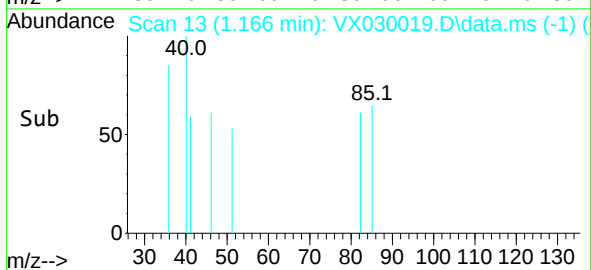
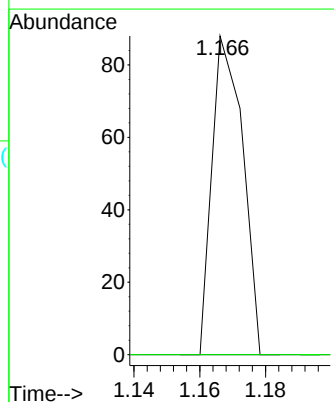
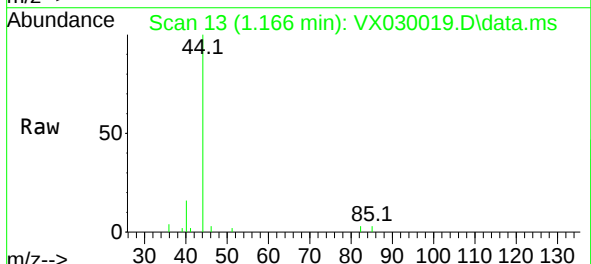
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

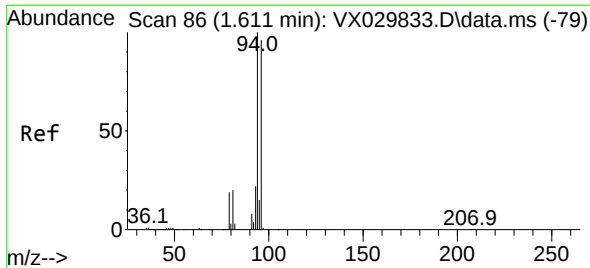
Tgt Ion:168 Resp: 190148
Ion Ratio Lower Upper
168 100
99 48.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion: 85 Resp: 57
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

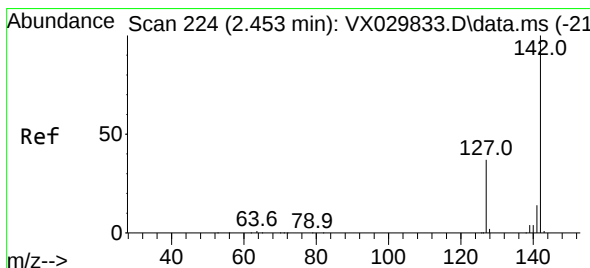
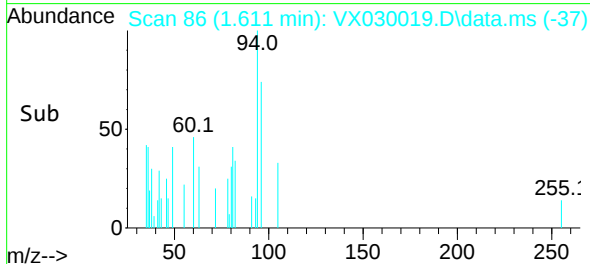
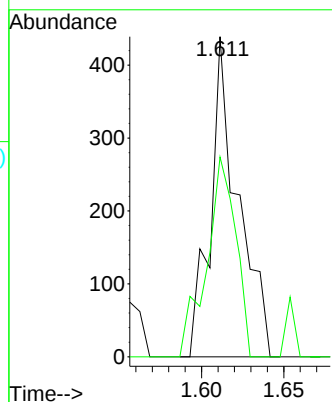
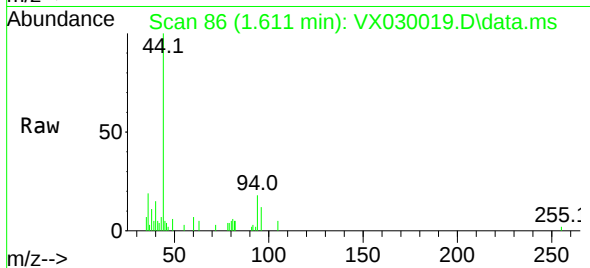




#5
Bromomethane
Concen: 0.546 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

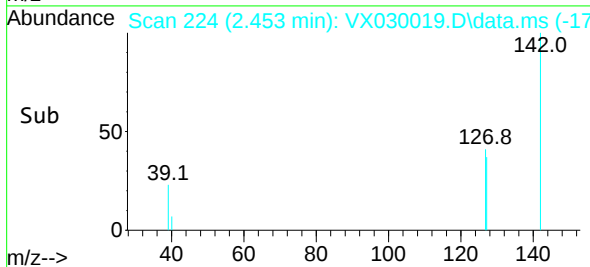
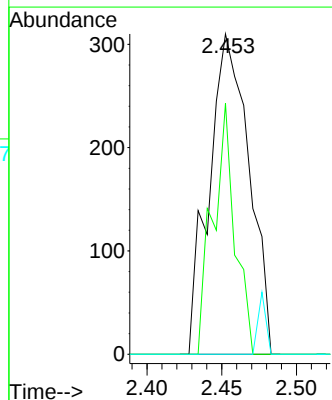
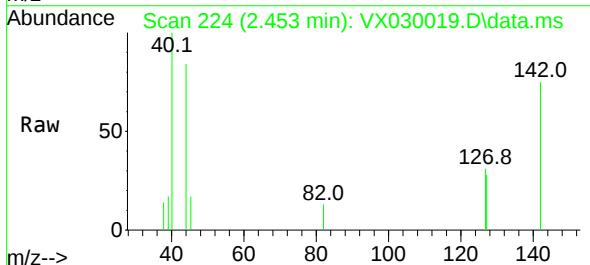
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 62.4 76.9 115.3#



#10
Methyl Iodide
Concen: 2.696 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion: 142 Resp: 576
Ion Ratio Lower Upper
142 100
127 43.2 30.2 45.2
141 0.0 11.3 16.9#

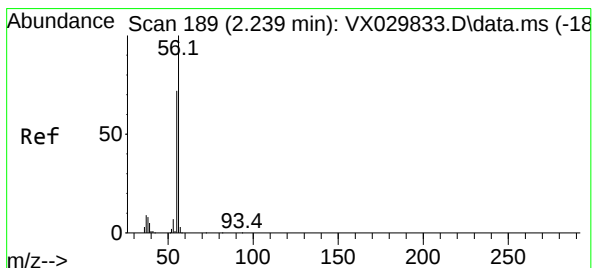
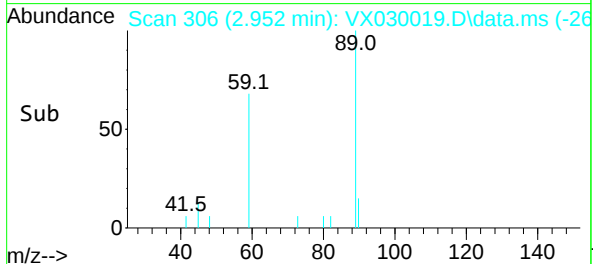
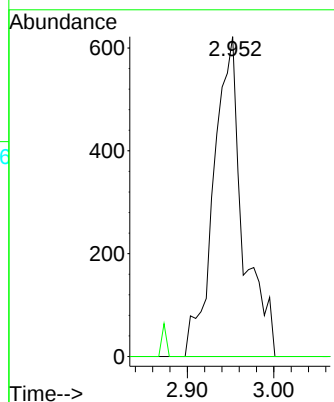
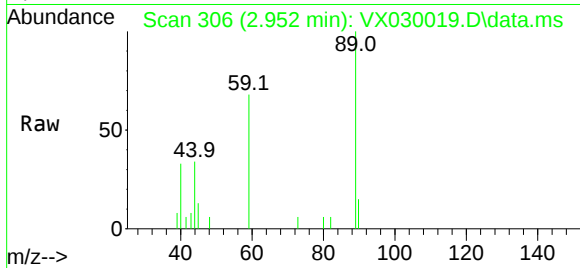




#11
Tert butyl alcohol
Concen: 2.444 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

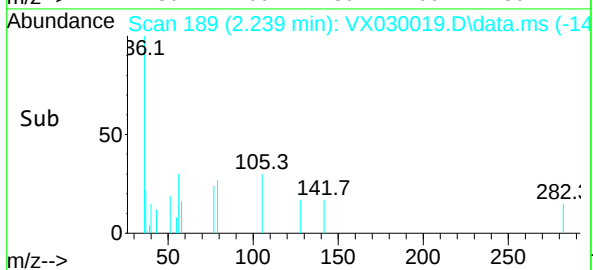
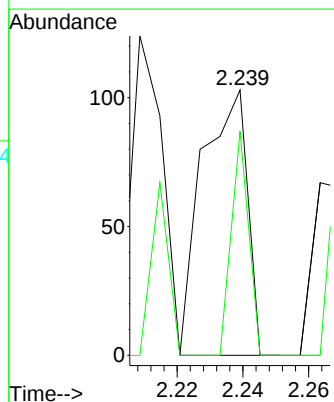
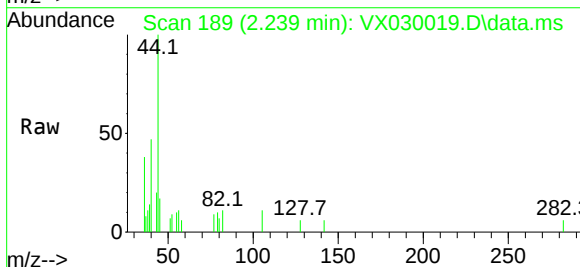
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

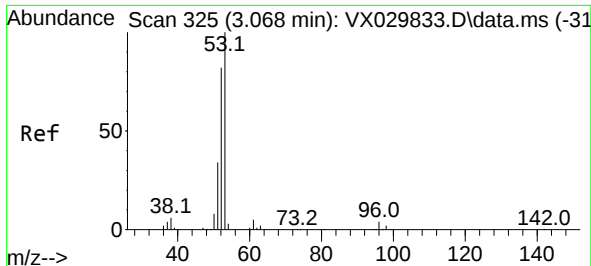
Tgt Ion: 59 Resp: 1460
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 0.824 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 32.7 56.6 84.8#

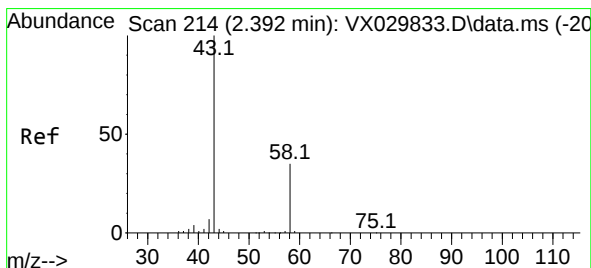
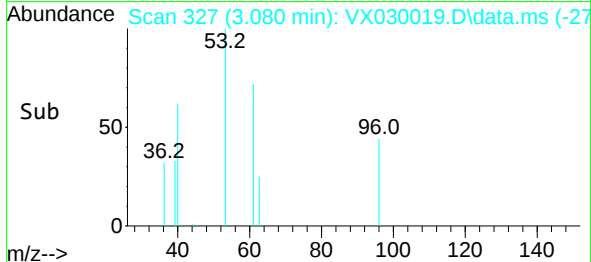
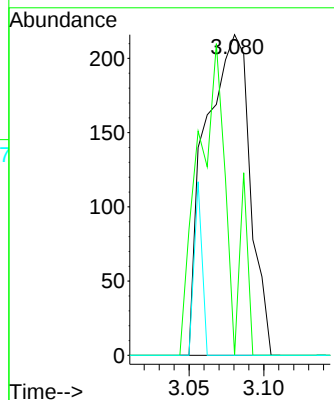
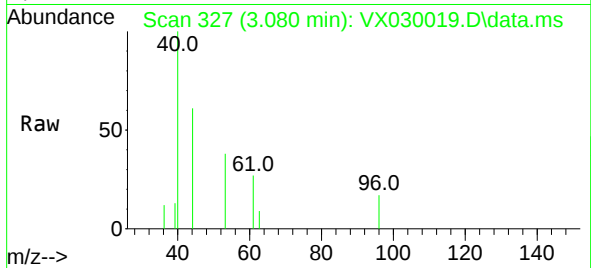




#15
Acrylonitrile
Concen: 0.329 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

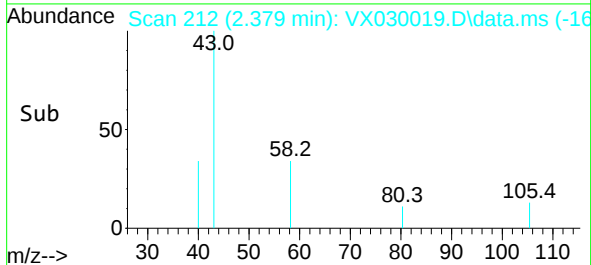
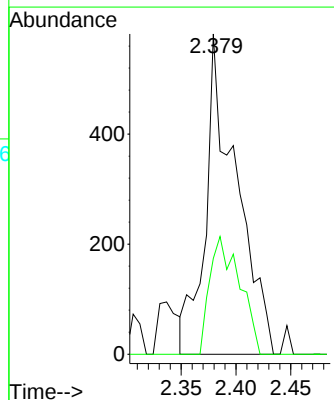
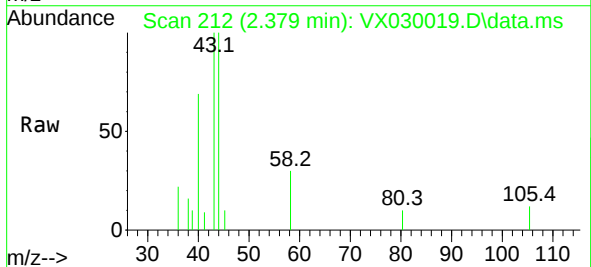
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

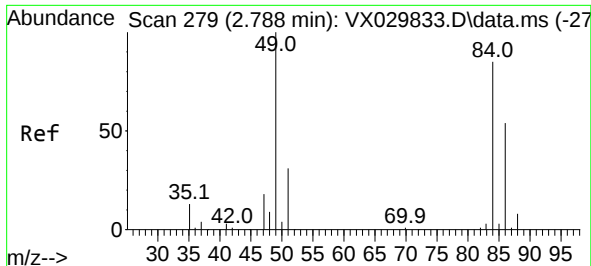
Tgt Ion: 53 Resp: 446
Ion Ratio Lower Upper
53 100
52 0.0 65.4 98.0#
51 0.0 27.7 41.5#



#16
Acetone
Concen: 1.043 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 29.9 27.7 41.5

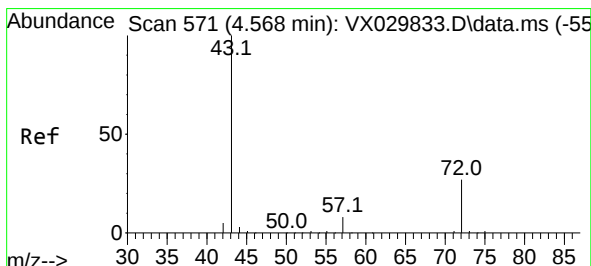
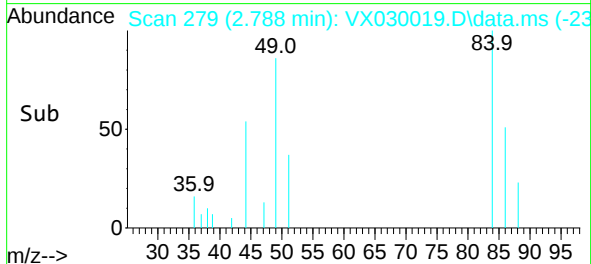
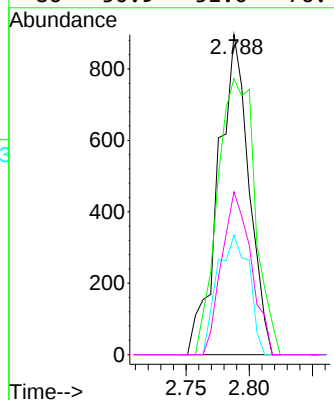
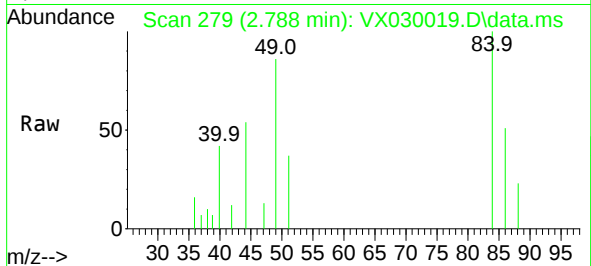




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

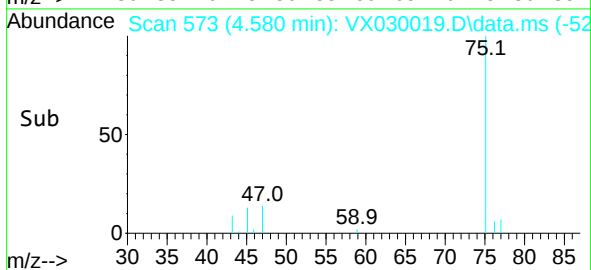
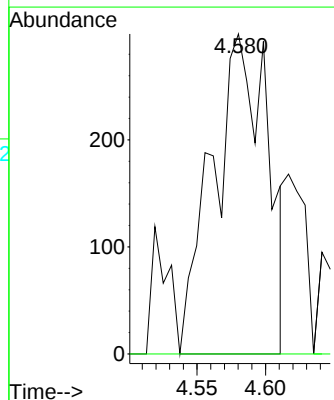
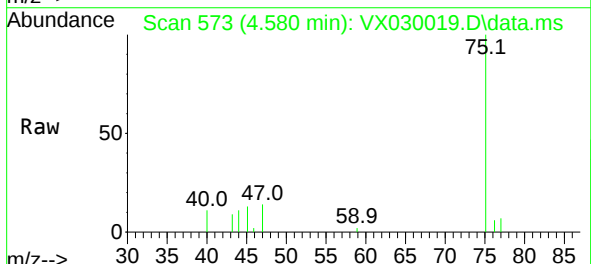
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

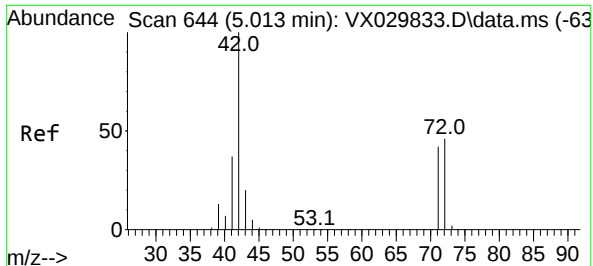
Tgt Ion: 84	Resp: 1514
Ion Ratio	Lower Upper
84 100	
49 86.3	93.8 140.6#
51 37.3	29.4 44.0
86 50.9	51.0 76.4#



#25
2-Butanone
Concen: 0.449 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion: 43	Resp: 835		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.7	32.5#	





#29

Tetrahydrofuran

Concen: 0.226 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX030019.D

Acq: 12 Jul 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBL01

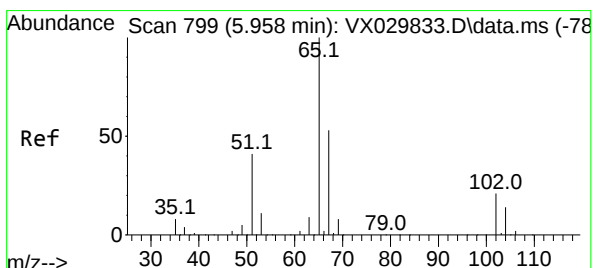
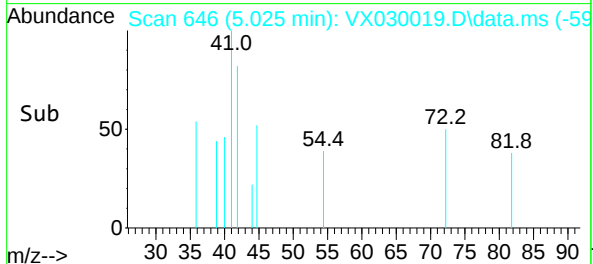
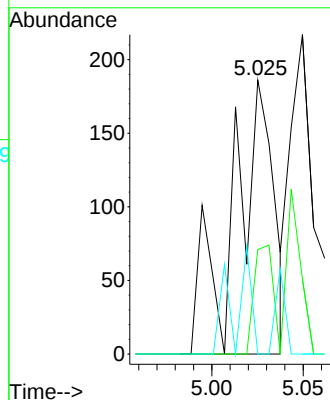
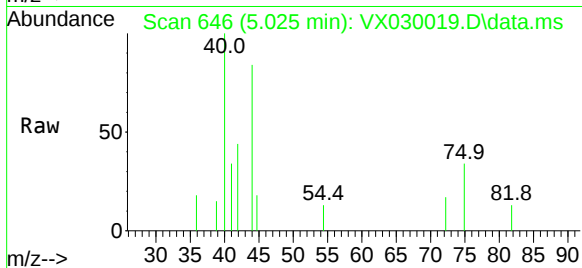
Tgt Ion: 42 Resp: 285

Ion Ratio Lower Upper

42 100

72 18.6 36.5 54.7#

71 0.0 33.9 50.9#



#33

1,2-Dichloroethane-d4

Concen: 43.925 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX030019.D

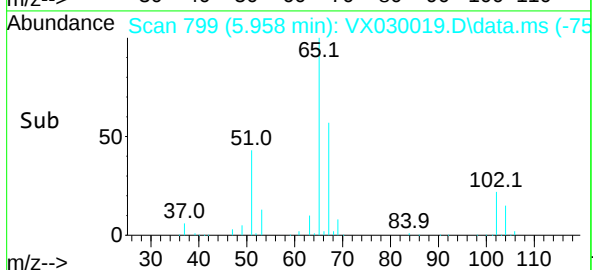
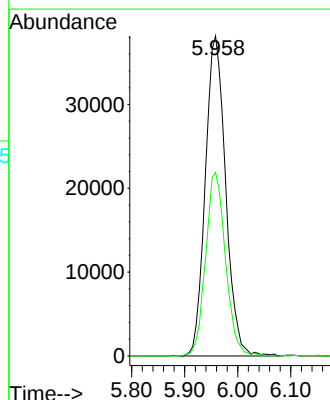
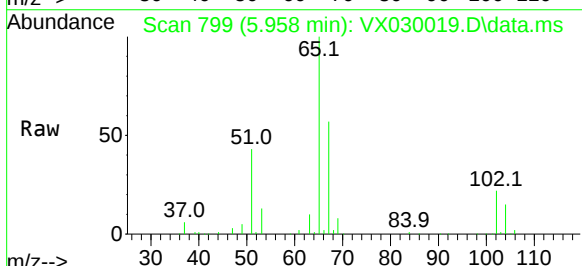
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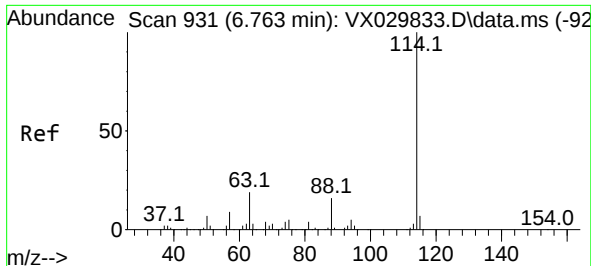
Tgt Ion: 65 Resp: 101663

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6

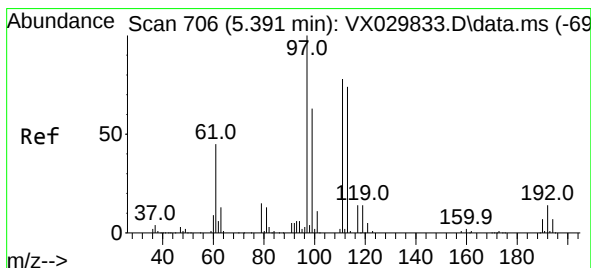
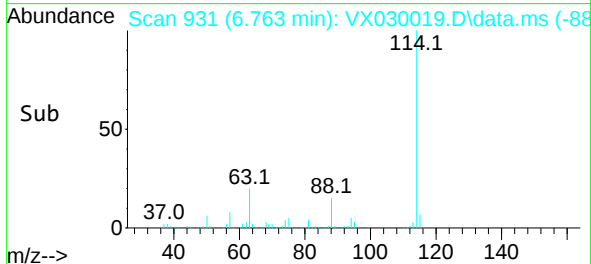
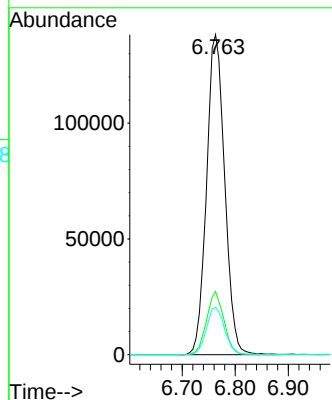
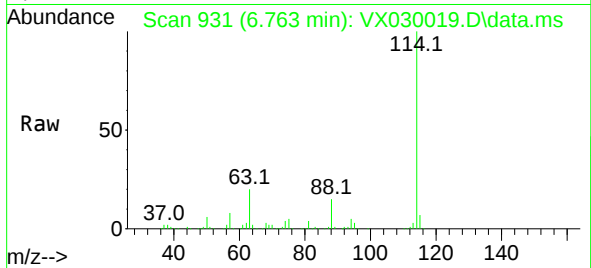




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

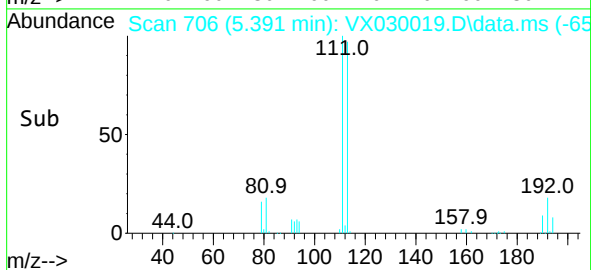
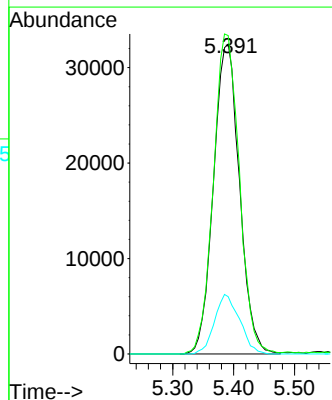
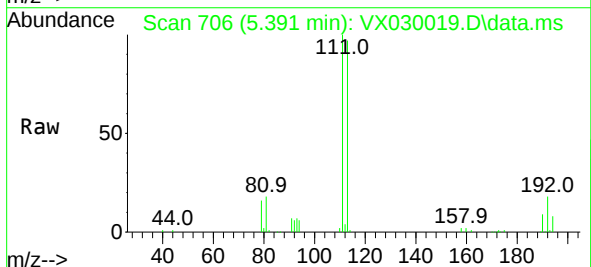
Instrument :
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Tgt Ion:114 Resp: 328443
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.762 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion:113 Resp: 96019
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.6 14.8 22.2

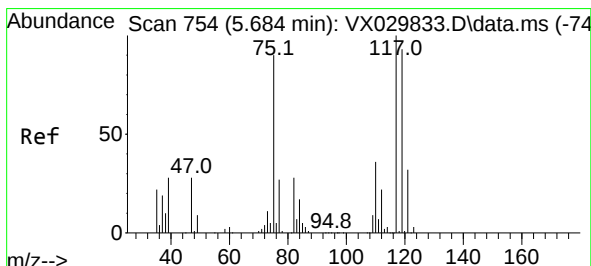
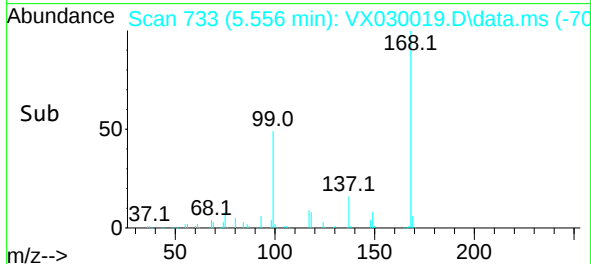
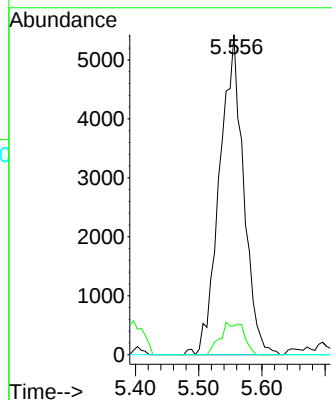
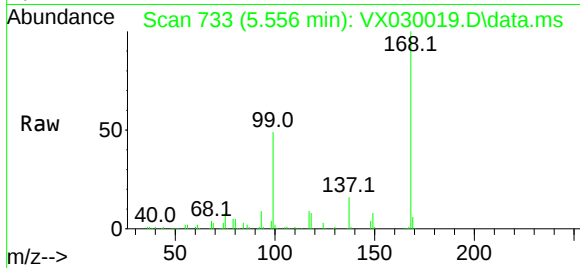




#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

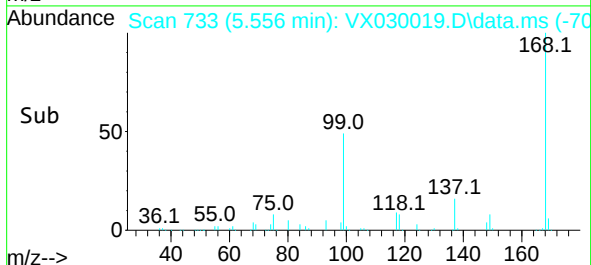
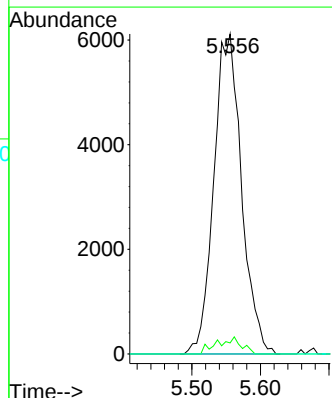
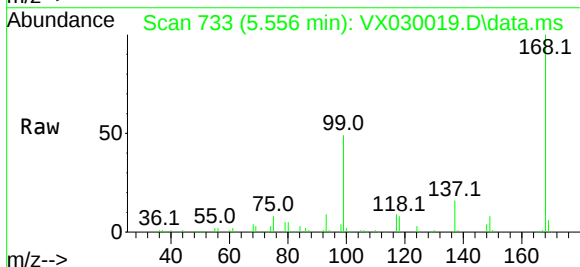
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

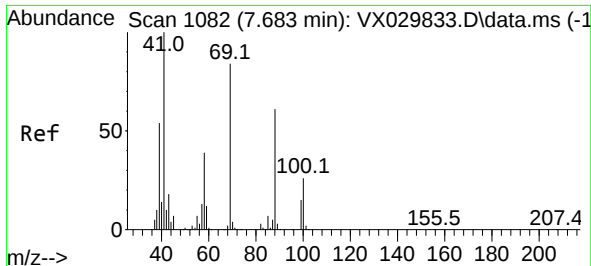
Tgt Ion: 75 Resp: 14272
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion: 117 Resp: 17121
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.892 ug/l

RT: 7.695 min Scan# 1084

Delta R.T. 0.012 min

Lab File: VX030019.D

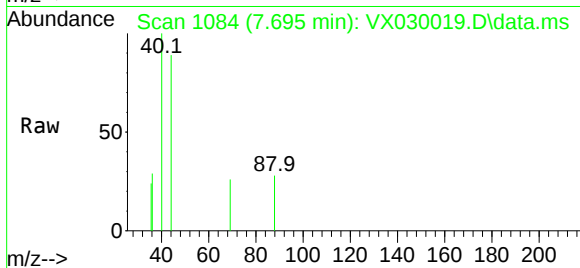
Acq: 12 Jul 2022 15:03

Instrument :

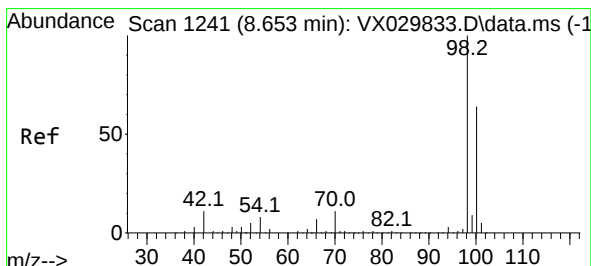
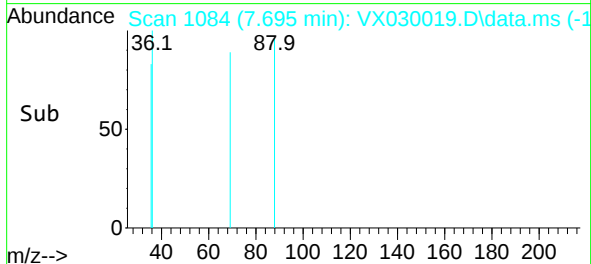
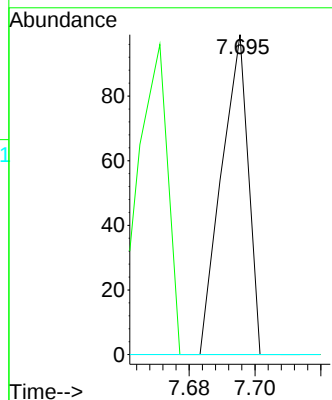
MSVOA_X

ClientSampleId :

VX0712WBL01



Tgt Ion:	88	Resp:	56
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 46.776 ug/l

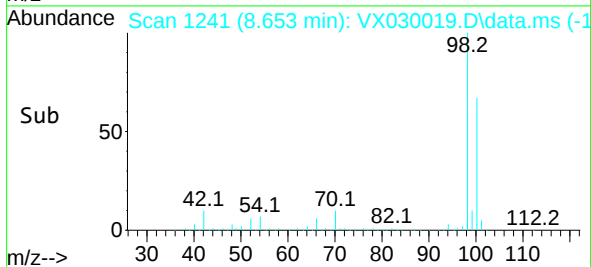
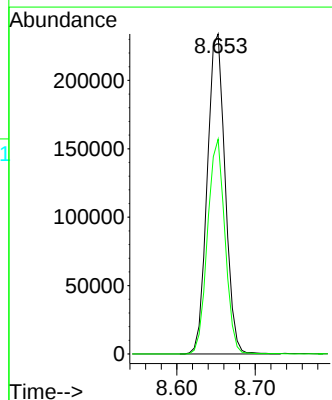
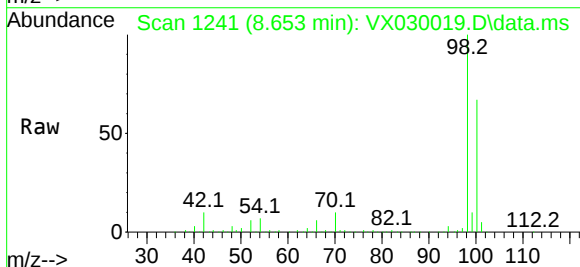
RT: 8.653 min Scan# 1241

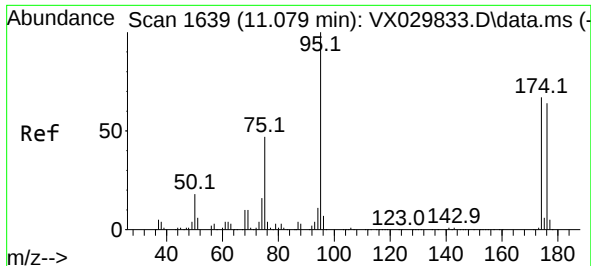
Delta R.T. -0.000 min

Lab File: VX030019.D

Acq: 12 Jul 2022 15:03

Tgt Ion:	98	Resp:	369122
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5

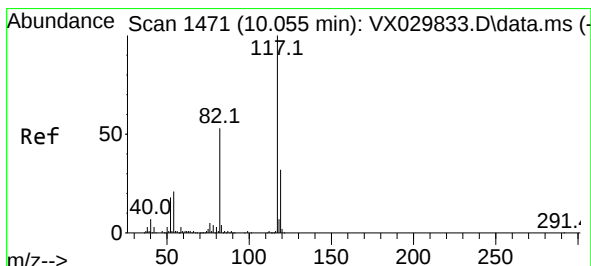
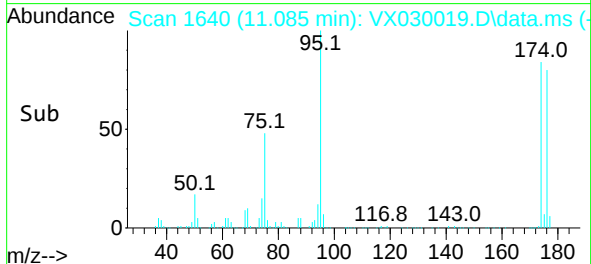
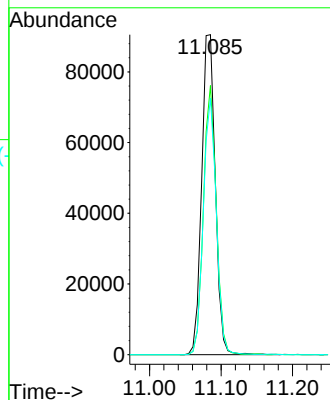
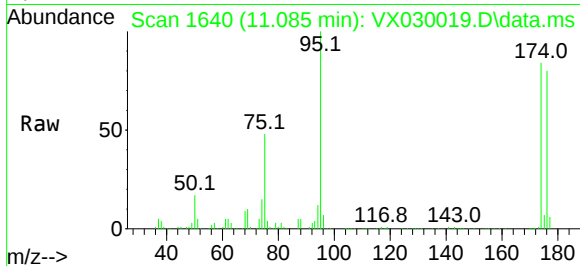




#62
4-Bromofluorobenzene
Concen: 43.667 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

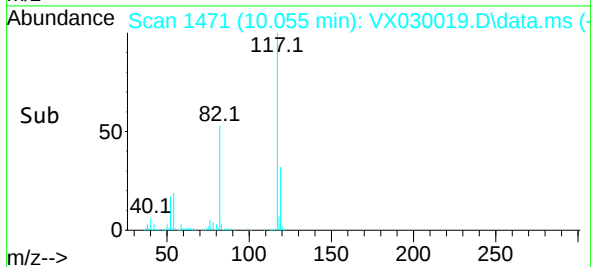
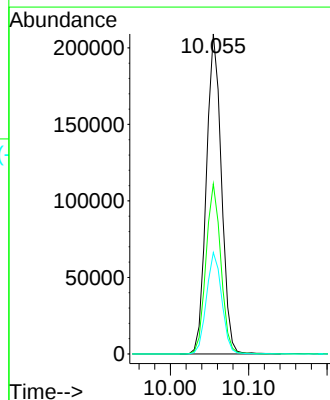
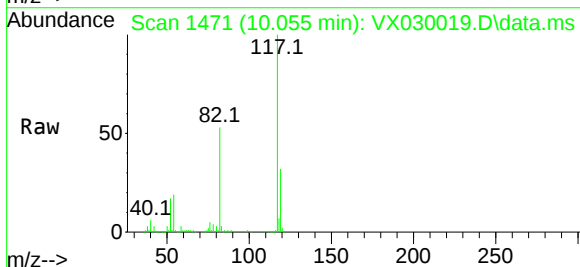
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

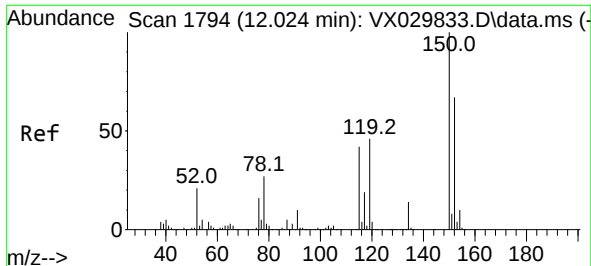
Tgt Ion: 95 Resp: 119582
Ion Ratio Lower Upper
95 100
174 79.3 0.0 149.0
176 76.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion: 117 Resp: 278156
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 31.7 25.4 38.2

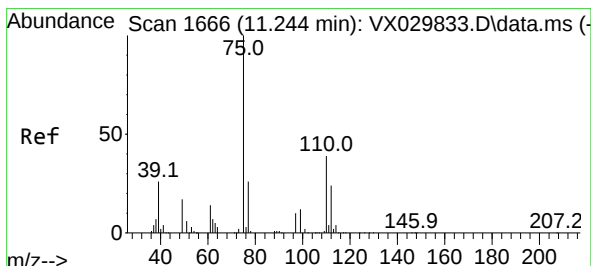
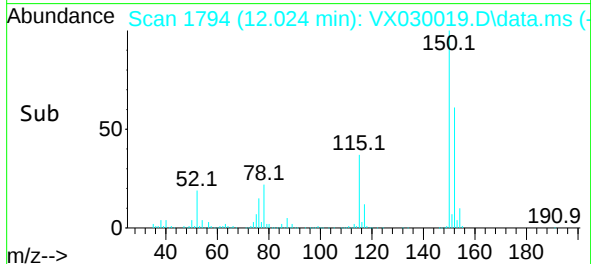
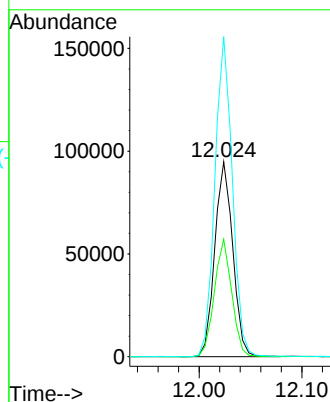
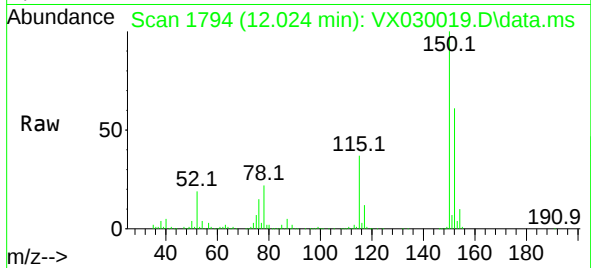




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030019.D
 Acq: 12 Jul 2022 15:03

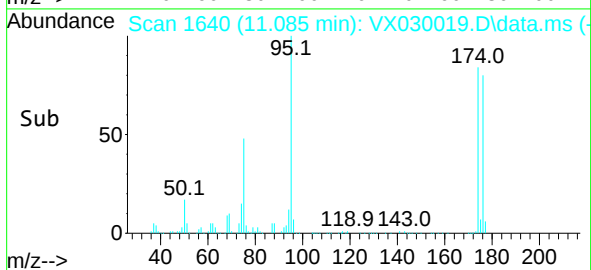
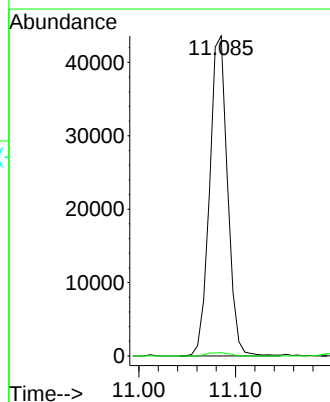
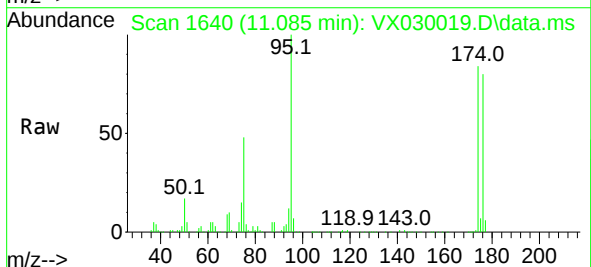
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBL01

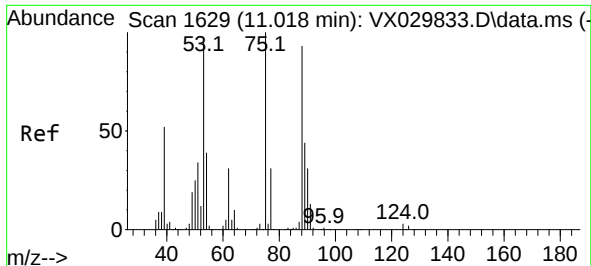
Tgt Ion:152 Resp: 115120
 Ion Ratio Lower Upper
 152 100
 115 58.3 40.5 121.5
 150 159.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.300 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030019.D
 Acq: 12 Jul 2022 15:03

Tgt Ion: 75 Resp: 56377
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#

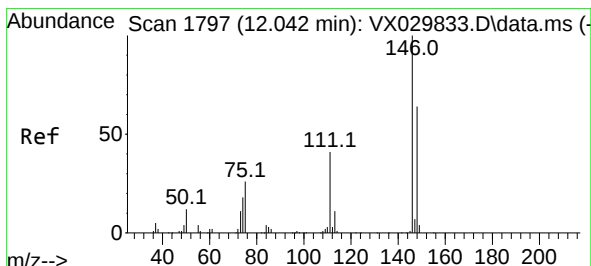
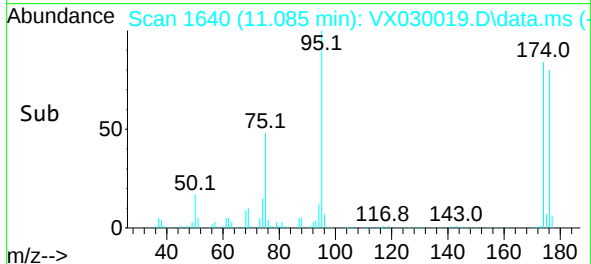
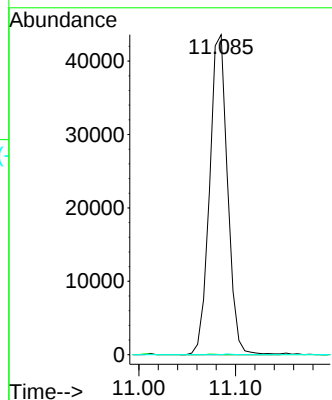
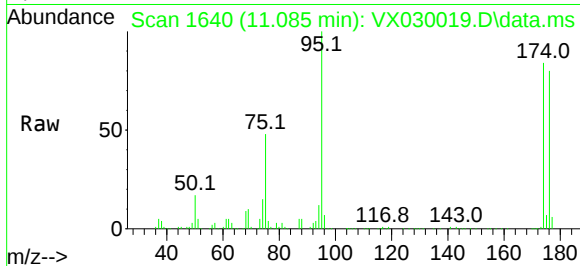




#81
trans-1,4-Dichloro-2-butene
Concen: 61.470 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

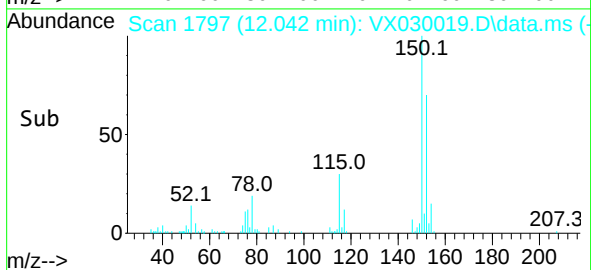
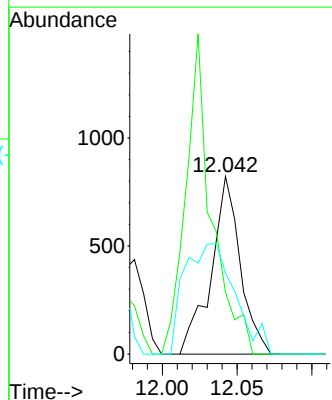
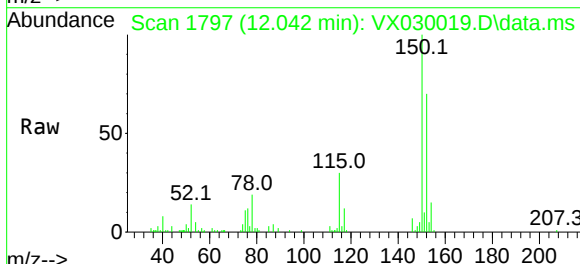
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

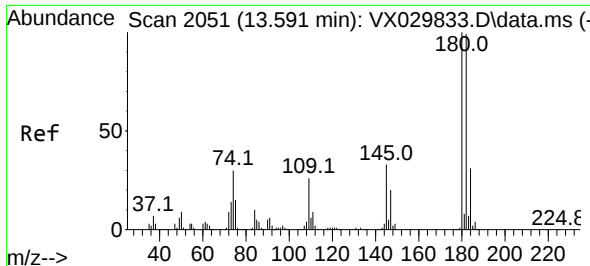
Tgt Ion: 75 Resp: 56377
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.1 34.8 52.2#



#88
1,4-Dichlorobenzene
Concen: 0.293 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion:146 Resp: 1114
Ion Ratio Lower Upper
146 100
111 159.7 20.3 60.9#
148 107.7 32.3 96.8#

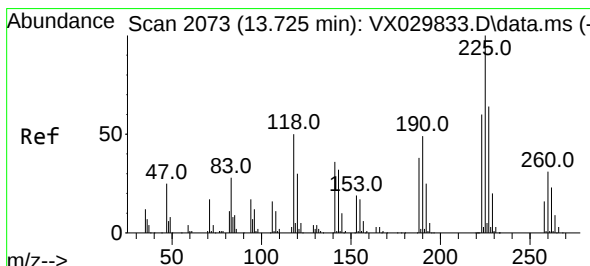
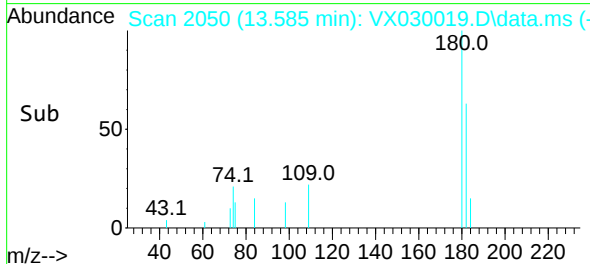
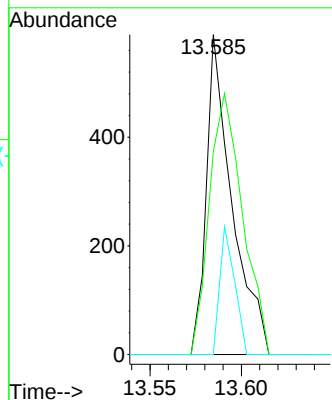
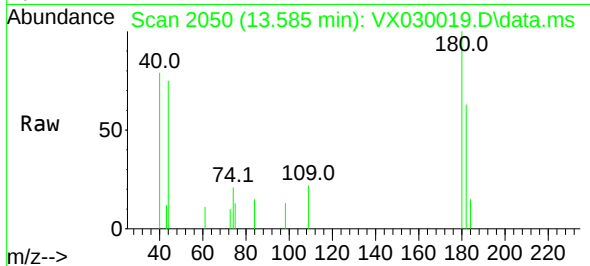




#93
1,2,4-Trichlorobenzene
Concen: 0.249 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

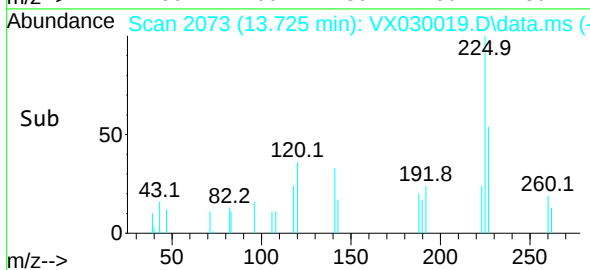
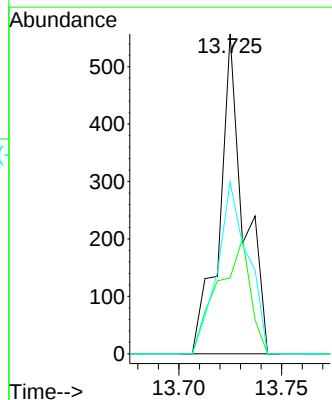
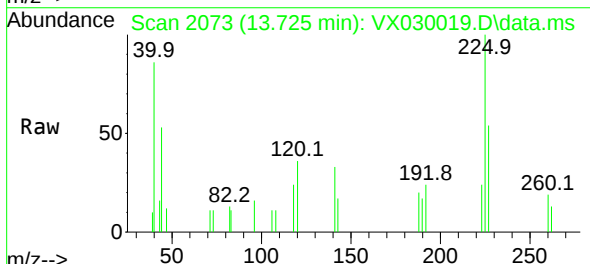
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBL01

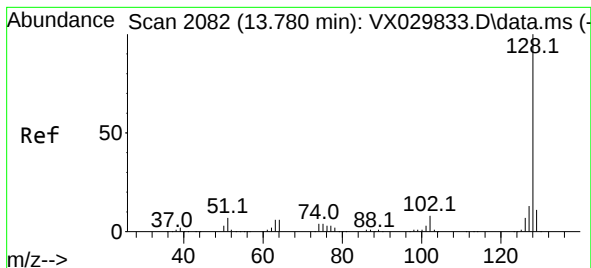
Tgt Ion:180	Resp:	575
Ion	Ratio	Lower Upper
180	100	
182	105.7	48.2 144.6
145	23.0	15.9 47.6



#94
Hexachlorobutadiene
Concen: 0.497 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX030019.D
Acq: 12 Jul 2022 15:03

Tgt Ion:225	Resp:	459
Ion	Ratio	Lower Upper
225	100	
223	47.3	30.6 91.6
227	67.1	31.9 95.9





#95

Naphthalene

Concen: 0.310 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX030019.D

Acq: 12 Jul 2022 15:03

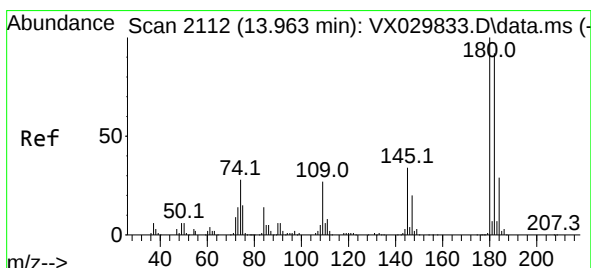
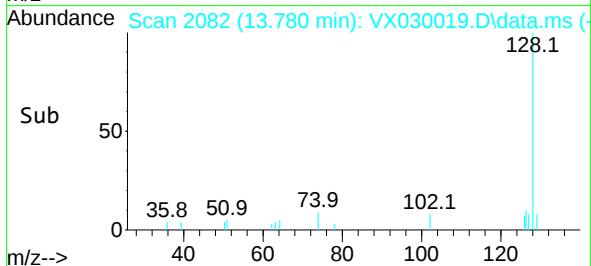
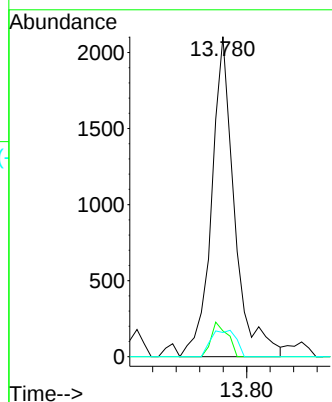
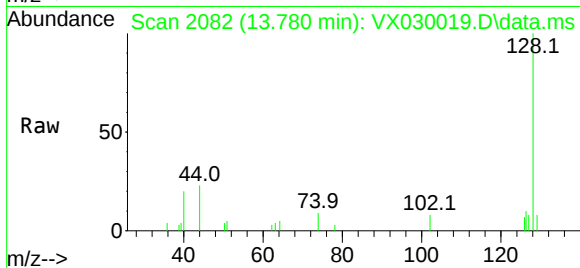
Instrument :

MSVOA_X

ClientSampleId :

VX0712WBL01

Tgt Ion:	128	Resp:	2844
Ion	Ratio	Lower	Upper
128	100		
127	7.7	10.2	15.2#
129	9.1	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.233 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX030019.D

Acq: 12 Jul 2022 15:03

Tgt Ion:	180	Resp:	549
Ion	Ratio	Lower	Upper
180	100		
182	85.4	47.0	141.0
145	35.9	17.0	50.9

