

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029314.D
 Acq On : 08 Jun 2022 12:17
 Operator : JC/MD
 Sample : VX0608WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBL01

Quant Time: Jun 08 16:25:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

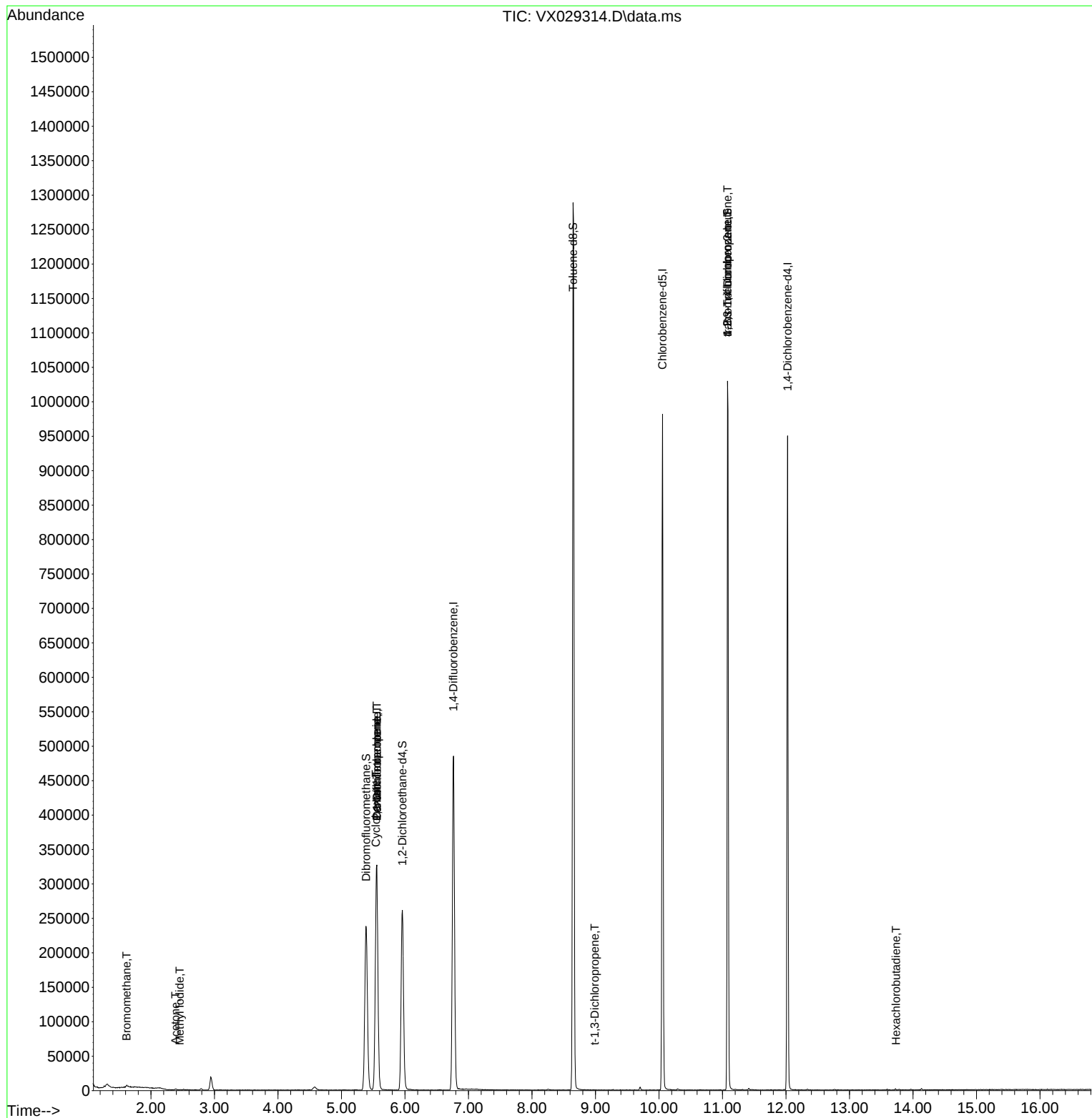
Internal Standards						
1) Pentafluorobenzene	5.556	168	302081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	256365	55.961	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.920%	
35) Dibromofluoromethane	5.385	113	213124	49.790	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.580%	
50) Toluene-d8	8.647	98	783847	51.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	11.079	95	291977	49.284	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1108	0.389	ug/l #	72
6) Chloroethane	1.648	64	479	Below Cal		94
10) Methyl Iodide	2.453	142	803	1.371	ug/l #	81
11) Tert butyl alcohol	2.941	59	11285	Below Cal	#	74
16) Acetone	2.386	43	1438	0.588	ug/l #	74
31) Cyclohexane	5.544	56	6026	0.736	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	24239	3.428	ug/l #	49
38) Carbon Tetrachloride	5.556	117	31624	4.376	ug/l #	15
41) Methacrylonitrile	5.026	41	56	Below Cal	#	36
53) t-1,3-Dichloropropene	8.988	75	159	1.337	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	145324	32.922	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	145324	100.076	ug/l #	15
94) Hexachlorobutadiene	13.731	225	372	0.229	ug/l #	63

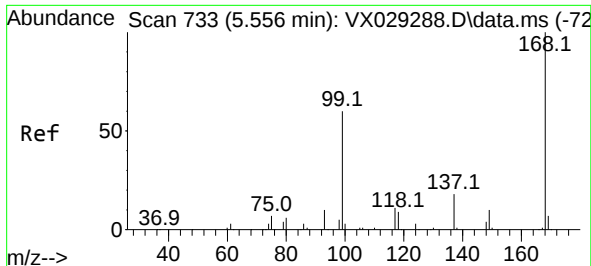
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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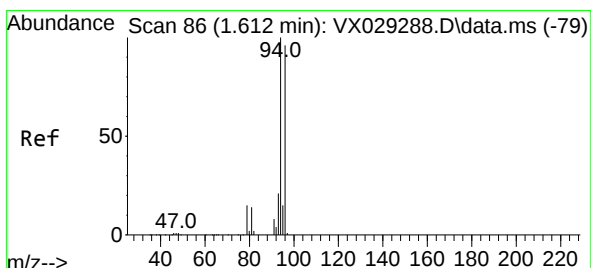
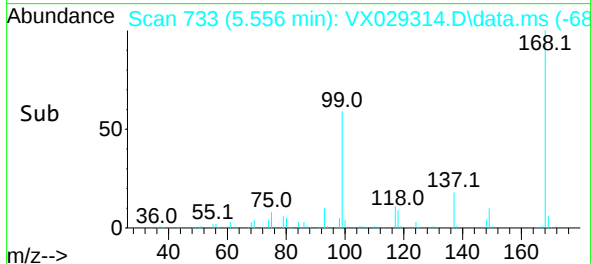
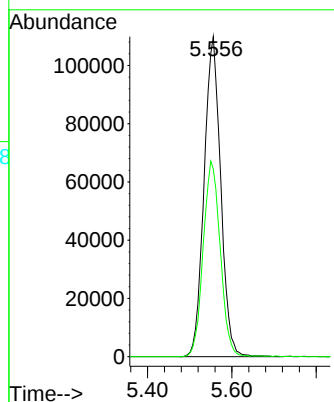
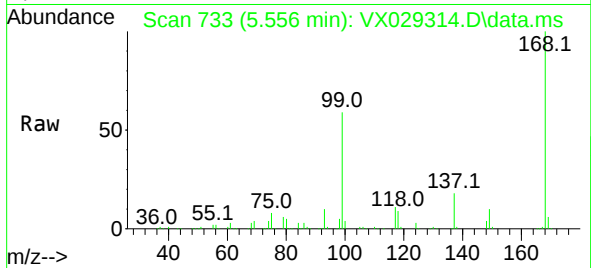




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

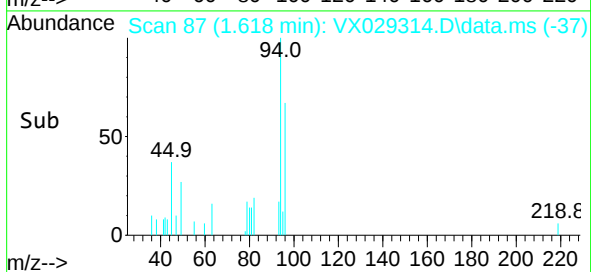
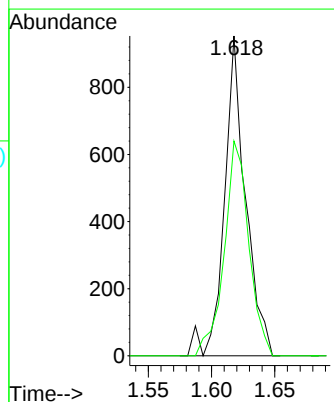
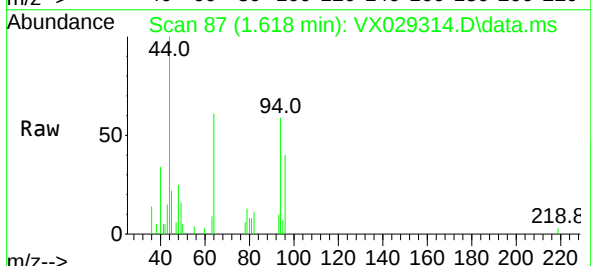
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBL01

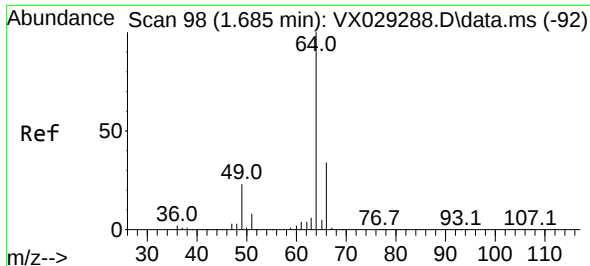
Tgt Ion:168 Resp: 302081
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5



#5
Bromomethane
Concen: 0.389 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion: 94 Resp: 1108
Ion Ratio Lower Upper
94 100
96 67.2 75.3 112.9#

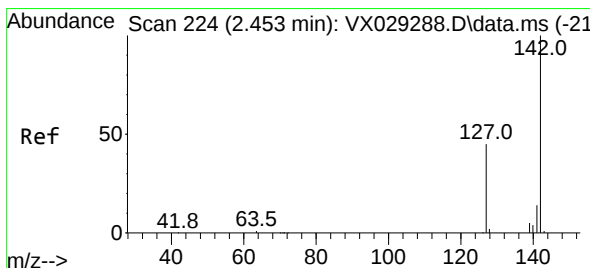
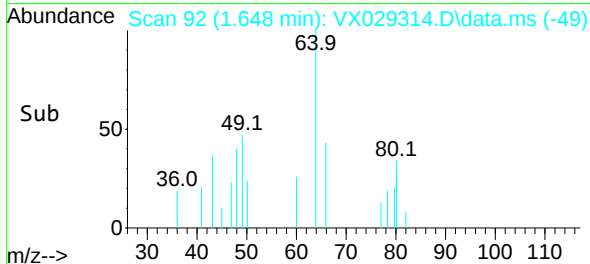
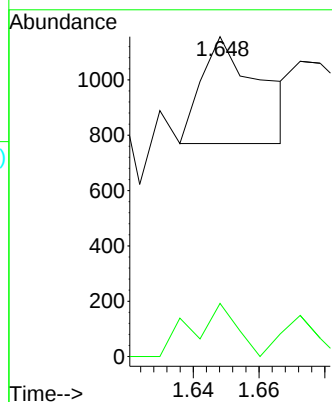
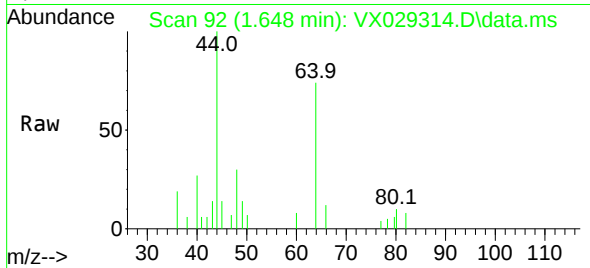




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

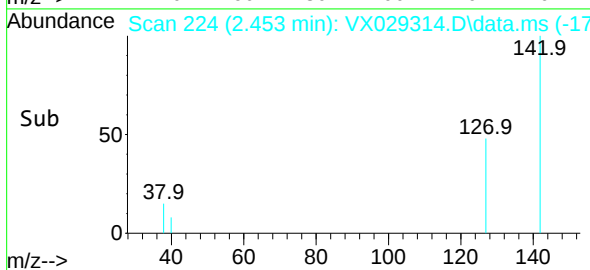
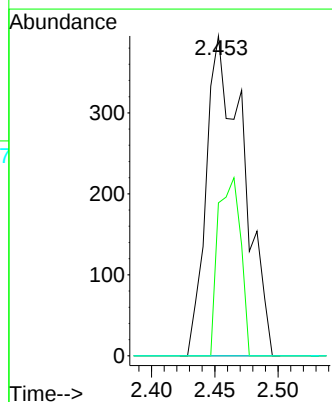
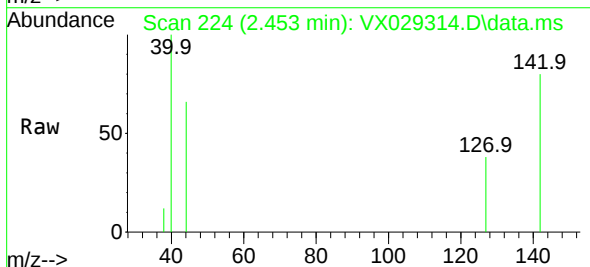
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBL01

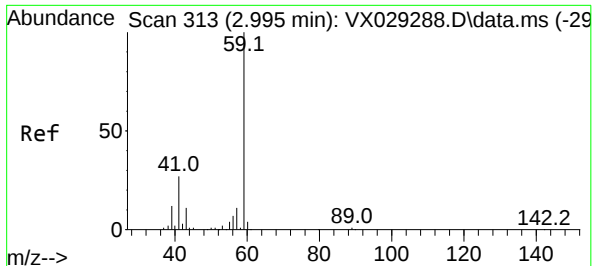
Tgt Ion: 64 Resp: 479
Ion Ratio Lower Upper
64 100
66 28.5 25.3 37.9



#10
Methyl Iodide
Concen: 1.371 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion: 142 Resp: 803
Ion Ratio Lower Upper
142 100
127 33.7 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.054 min

Lab File: VX029314.D

Acq: 08 Jun 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

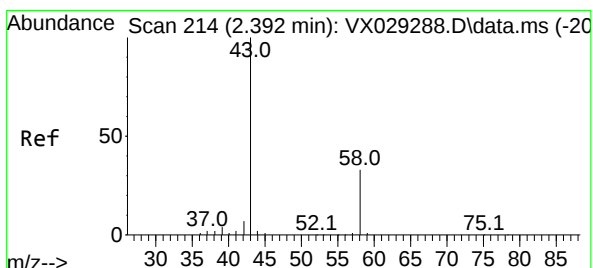
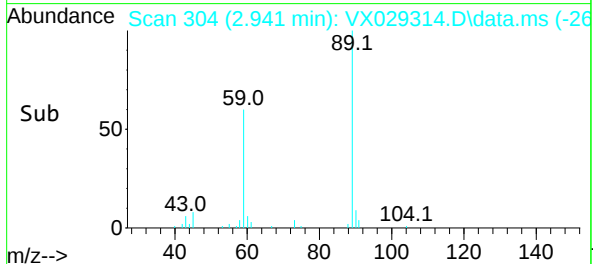
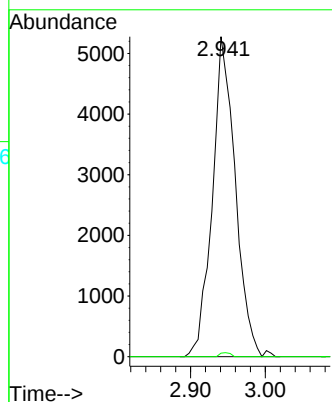
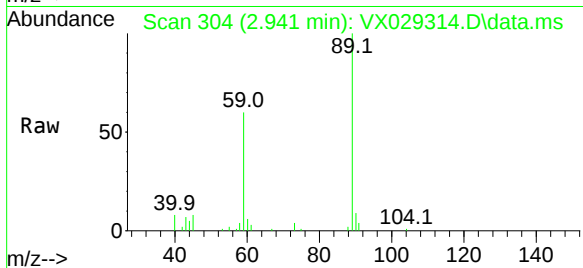
VX0608WBL01

Tgt Ion: 59 Resp: 11285

Ion Ratio Lower Upper

59 100

57 0.6 8.3 12.5#



#16

Acetone

Concen: 0.588 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029314.D

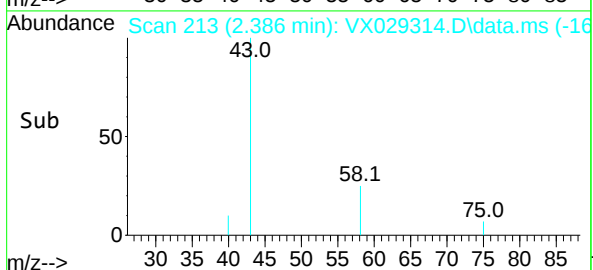
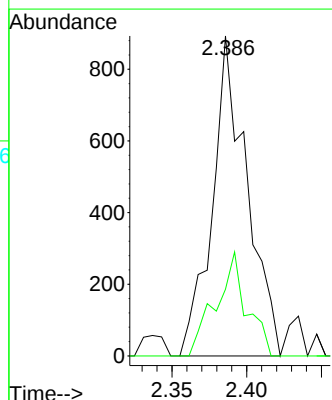
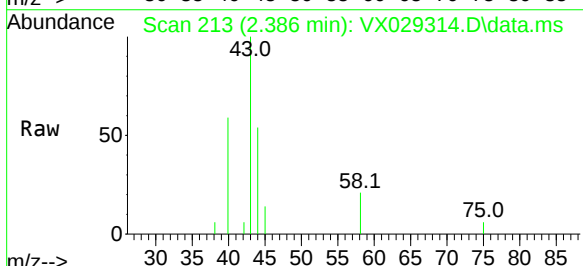
Acq: 08 Jun 2022 12:17

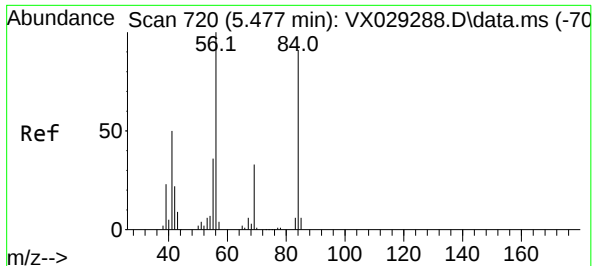
Tgt Ion: 43 Resp: 1438

Ion Ratio Lower Upper

43 100

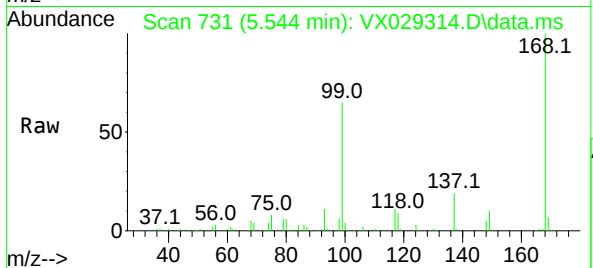
58 20.8 28.8 43.2#



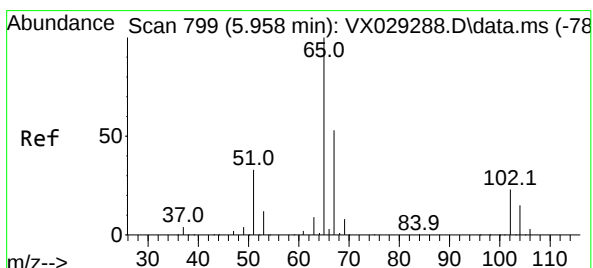
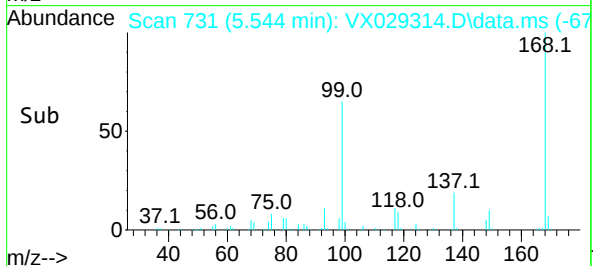
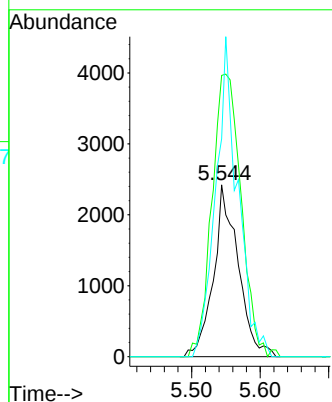


#31
Cyclohexane
Concen: 0.736 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBL01

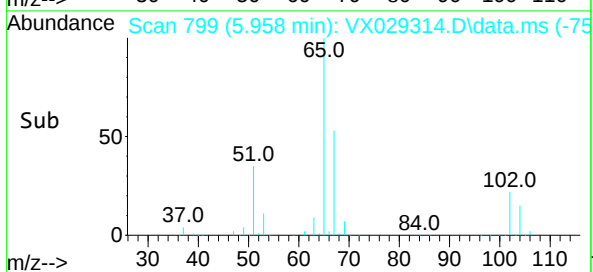
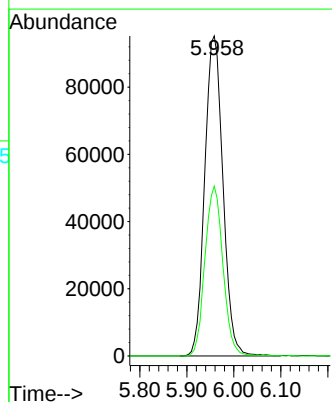
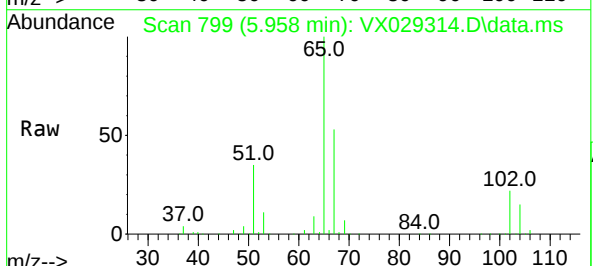


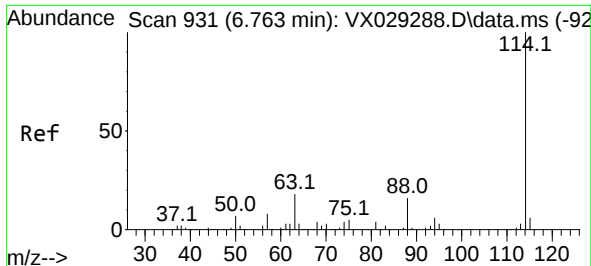
Tgt Ion: 56 Resp: 6026
Ion Ratio Lower Upper
56 100
69 163.6 26.7 40.1#
84 126.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.961 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion: 65 Resp: 256365
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

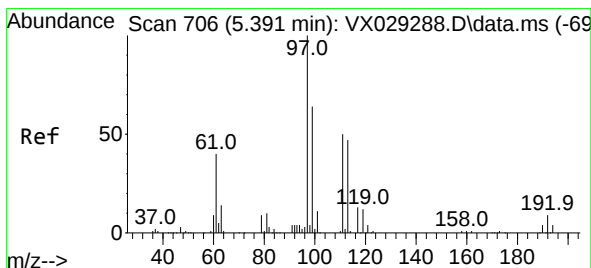
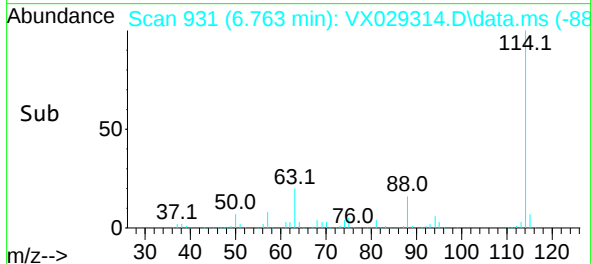
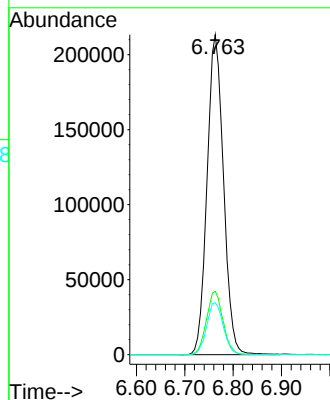
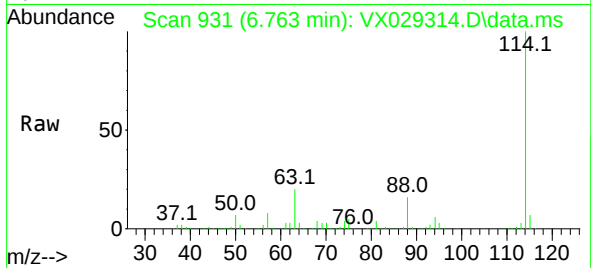




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

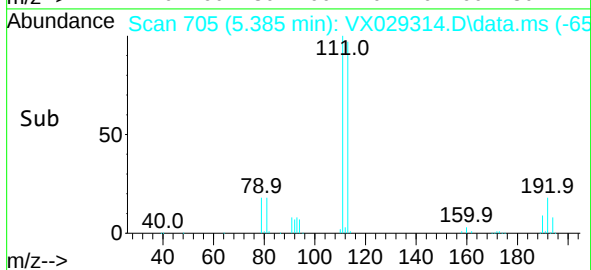
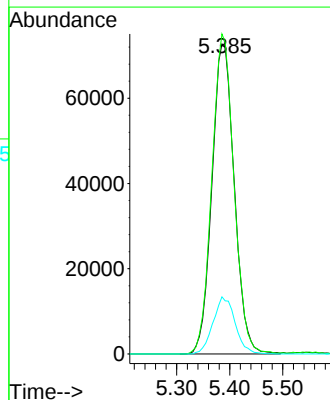
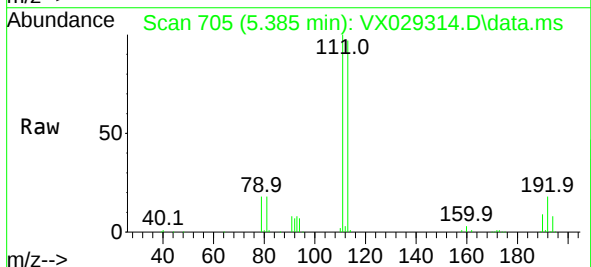
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBL01

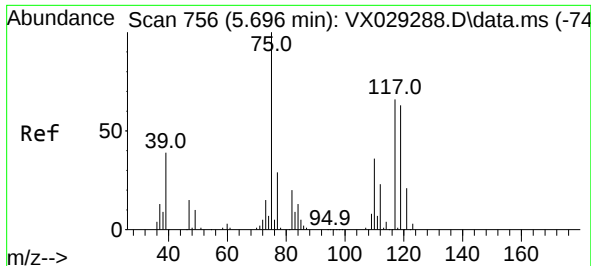
Tgt Ion:114 Resp: 503500
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion:113 Resp: 213124
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.2 16.9 25.3

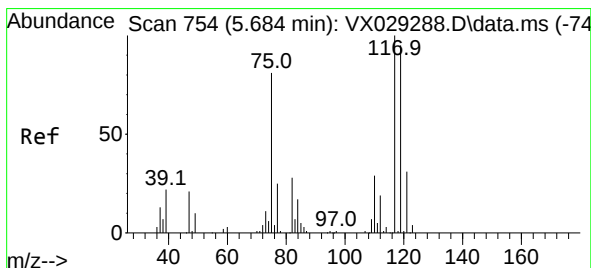
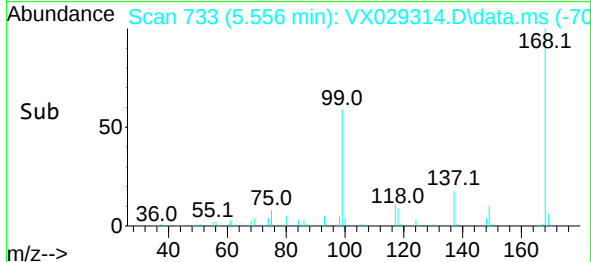
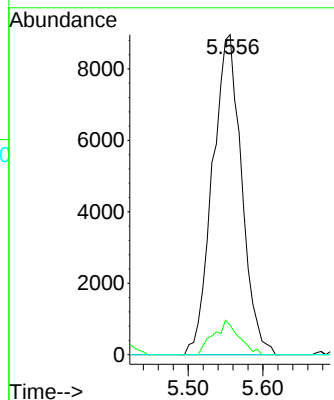
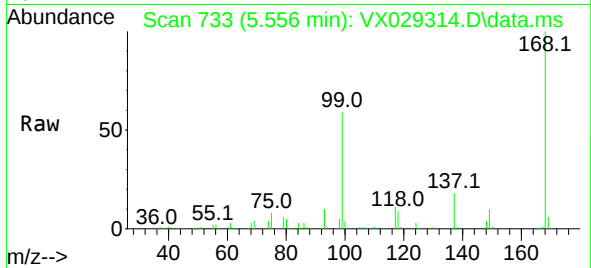




#36
1,1-Dichloropropene
Concen: 3.428 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

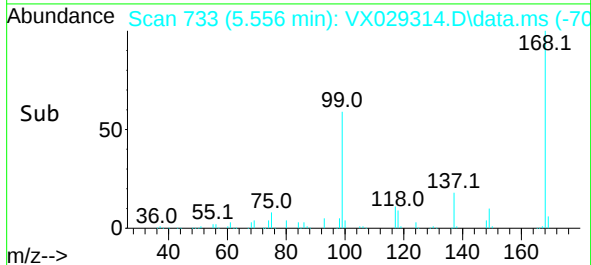
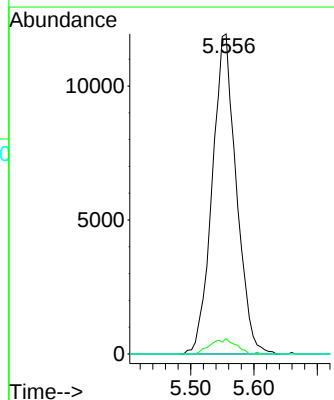
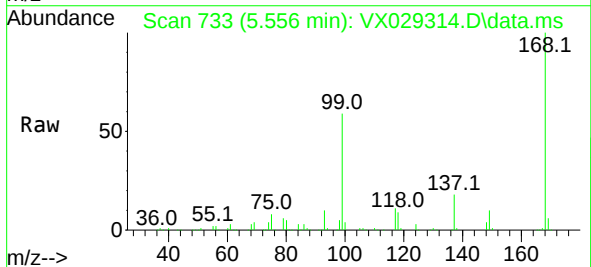
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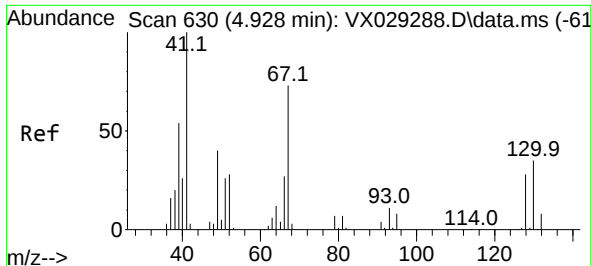
Tgt Ion: 75 Resp: 24239
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.376 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion: 117 Resp: 31624
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

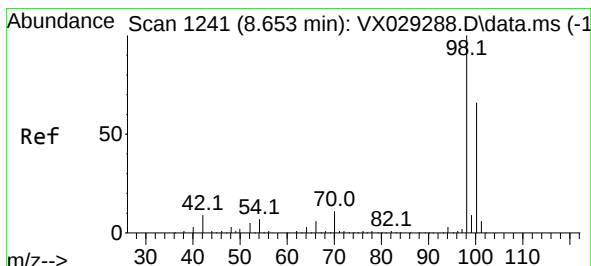
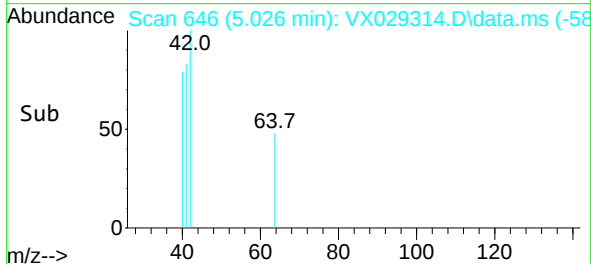
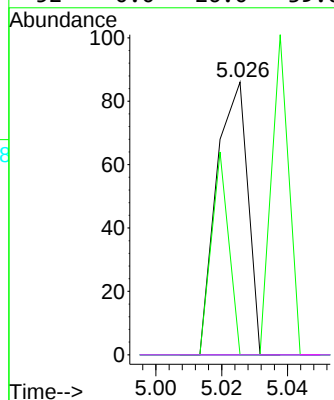
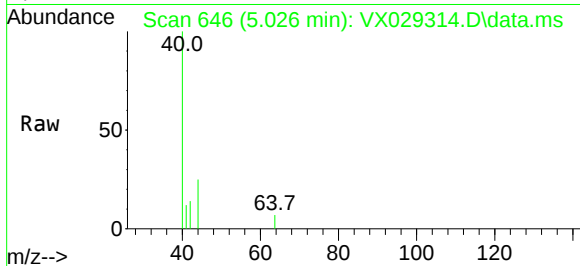




#41
Methacrylonitrile
Concen: Below Cal
RT: 5.026 min Scan# 64
Delta R.T. 0.098 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

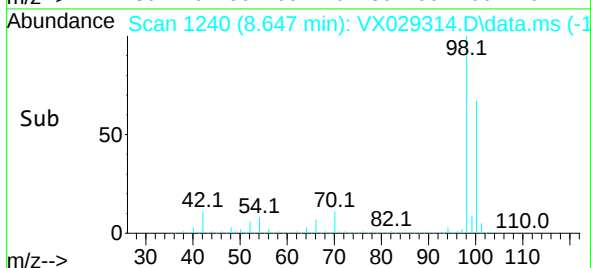
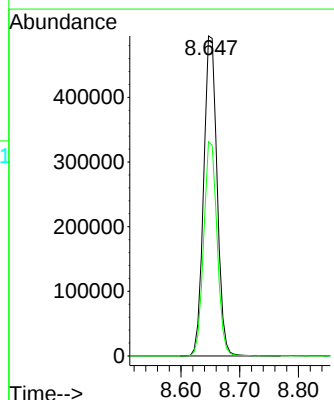
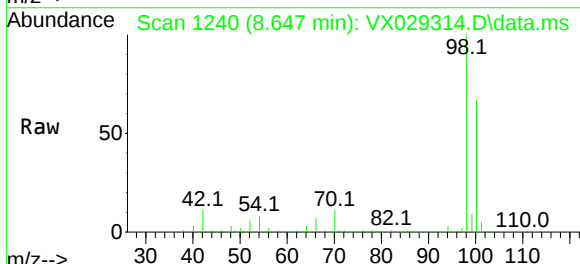
Instrument :
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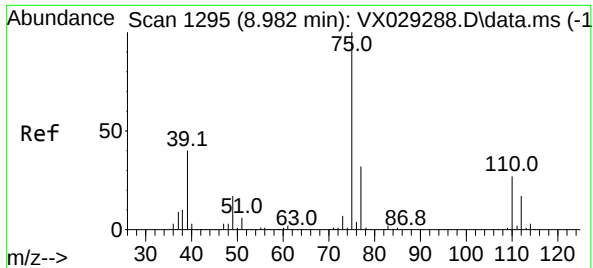
Tgt Ion: 41	Resp: 56
Ion Ratio	Lower Upper
41 100	
39 41.1	43.0 64.4#
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#50
Toluene-d8
Concen: 51.777 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion: 98	Resp: 783847
Ion Ratio	Lower Upper
98 100	
100 66.9	52.6 78.8

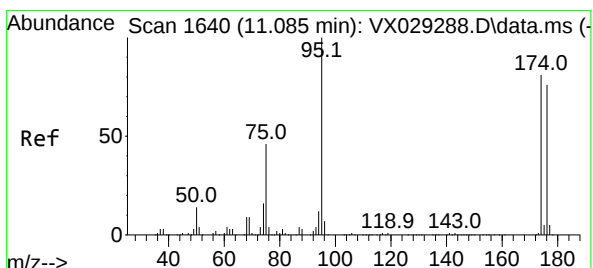
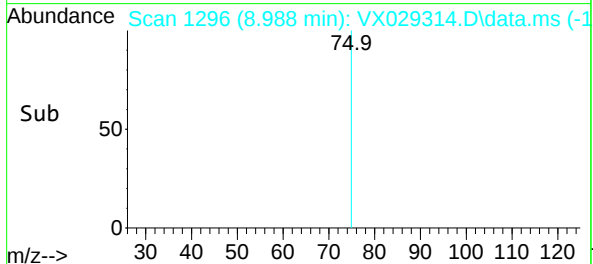
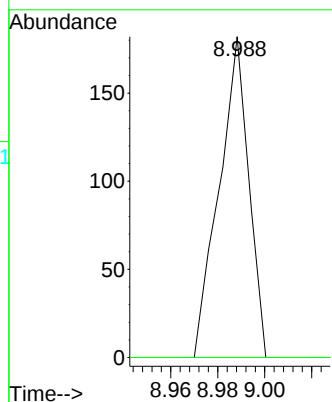
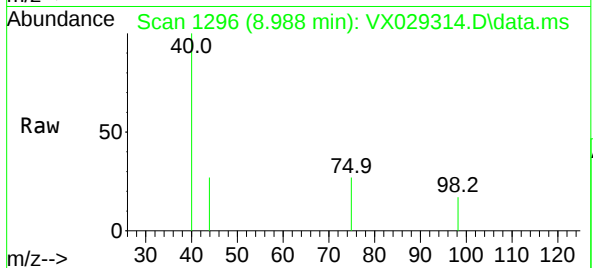




#53
t-1,3-Dichloropropene
Concen: 1.337 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

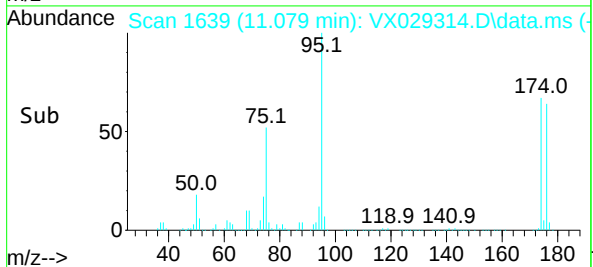
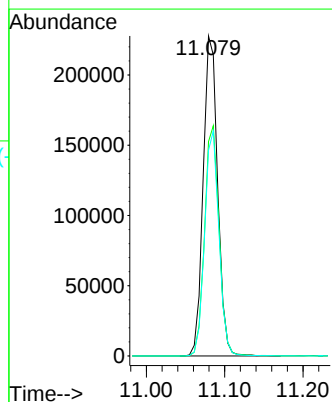
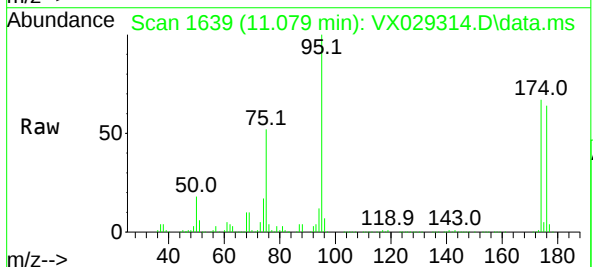
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBL01

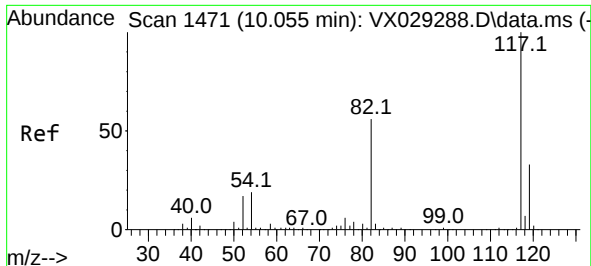
Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 49.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion: 95 Resp: 291977
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 69.4 0.0 155.0

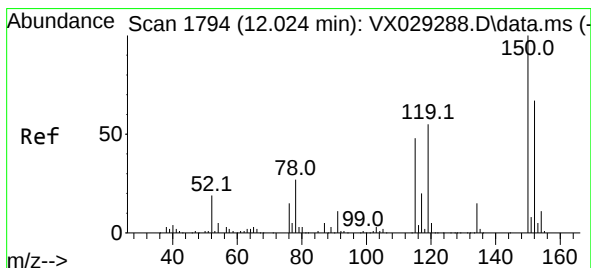
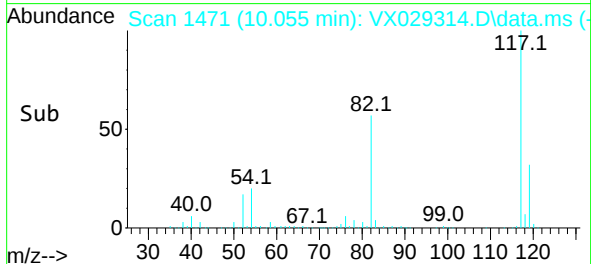
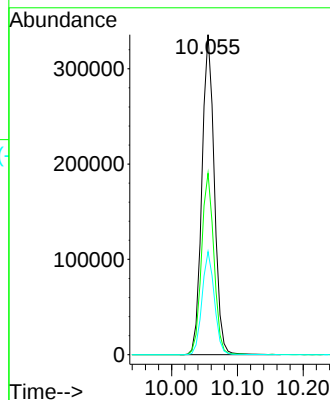
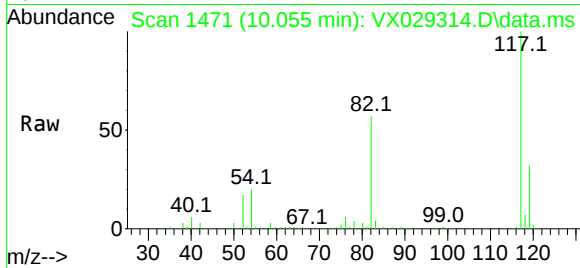




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

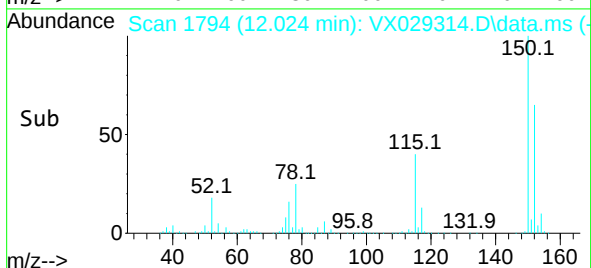
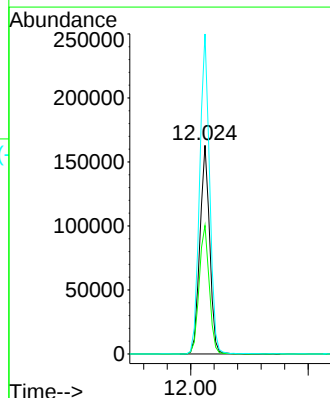
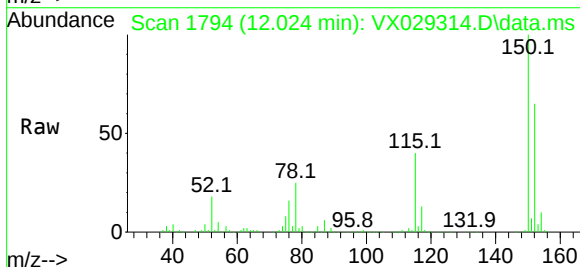
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBL01

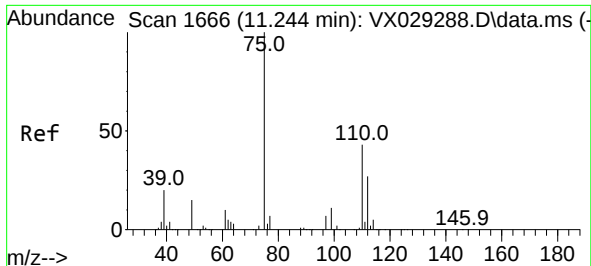
Tgt Ion:117 Resp: 440162
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

Tgt Ion:152 Resp: 188989
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 155.7 0.0 338.2

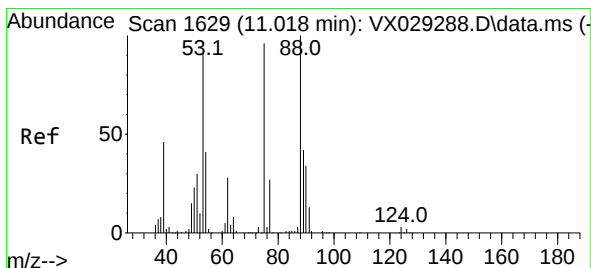
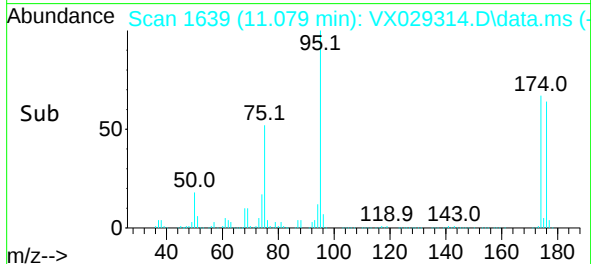
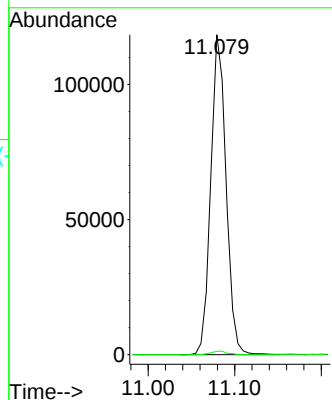
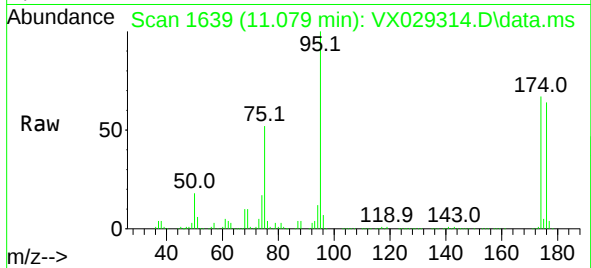




#76
1,2,3-Trichloropropane
Concen: 32.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

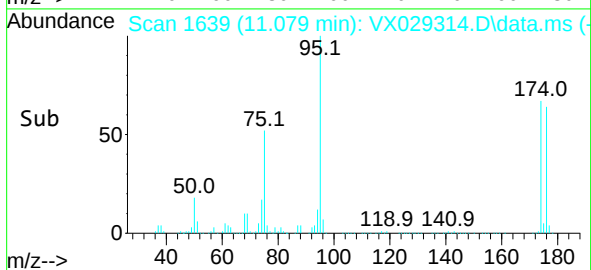
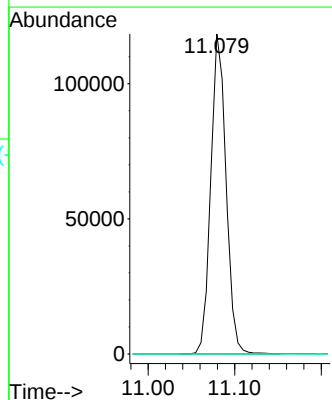
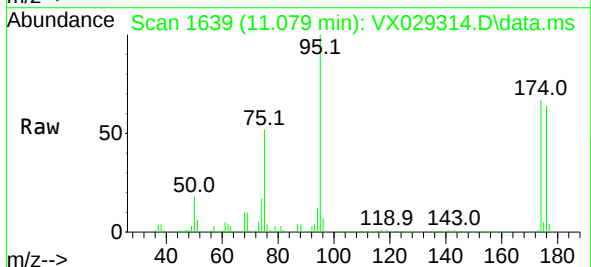
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBL01

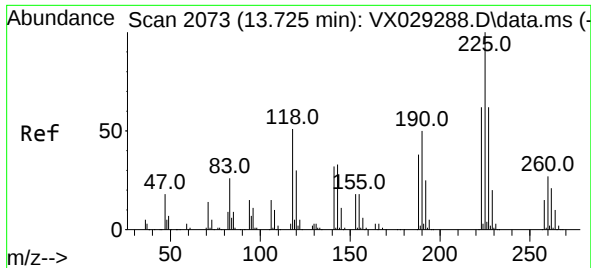
Tgt Ion: 75 Resp: 145324
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029314.D
Acq: 08 Jun 2022 12:17

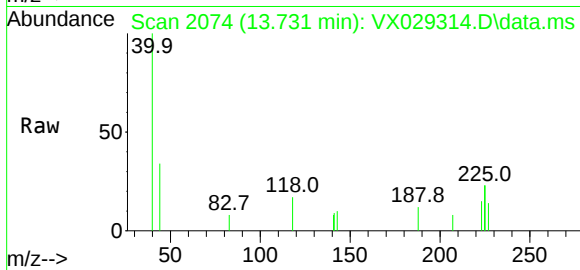
Tgt Ion: 75 Resp: 145324
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.229 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX029314.D
 Acq: 08 Jun 2022 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBL01



Tgt Ion:225 Resp: 372
 Ion Ratio Lower Upper
 225 100
 223 46.2 34.2 102.5
 227 30.1 33.9 101.7#

