

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029521.D
 Acq On : 15 Jun 2022 22:11
 Operator : JC/MD
 Sample : VX0615WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBL02

Quant Time: Jun 16 04:17:03 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)

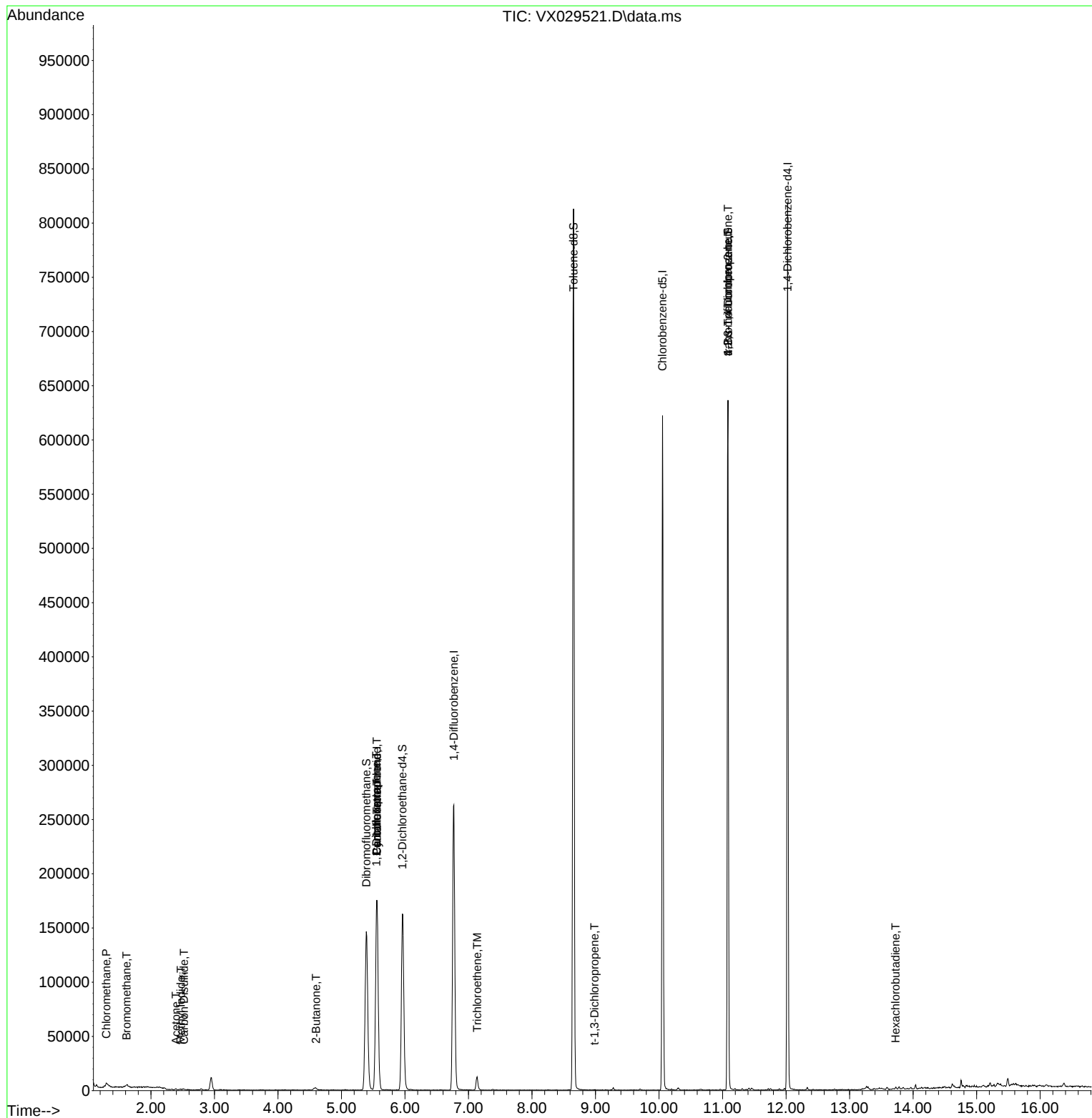
Internal Standards						
1) Pentafluorobenzene	5.556	168	168120	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	280386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158302	62.288	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.580%	
35) Dibromofluoromethane	5.391	113	132004	55.378	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 110.760%	
50) Toluene-d8	8.653	98	481805	57.151	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 114.300%	
62) 4-Bromofluorobenzene	11.085	95	183077	55.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.980%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	1316	0.462	ug/l	92
5) Bromomethane	1.617	94	744	0.470	ug/l	85
6) Chloroethane	1.678	64	86	Below Cal	#	43
10) Methyl Iodide	2.471	142	805	1.480	ug/l	# 93
11) Tert butyl alcohol	2.946	59	6996	Below Cal	#	72
16) Acetone	2.392	43	975	0.717	ug/l	# 77
17) Carbon Disulfide	2.520	76	1247	0.200	ug/l	# 75
25) 2-Butanone	4.599	43	490	0.228	ug/l	# 44
31) Cyclohexane	5.556	56	3176	0.697	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12952	3.289	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	17773	4.416	ug/l	# 15
41) Methacrylonitrile	5.001	41	23	Below Cal	#	18
44) Trichloroethene	7.135	130	5058	1.585	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	118	1.343	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	91295	24.075	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	91295	73.775	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	285	0.205	ug/l	84

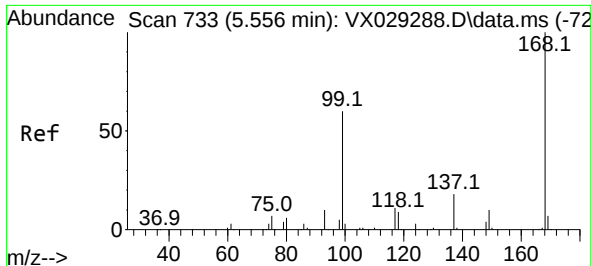
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

Quant Time: Jun 16 04:17:03 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

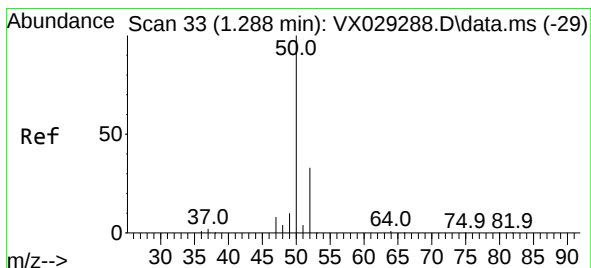
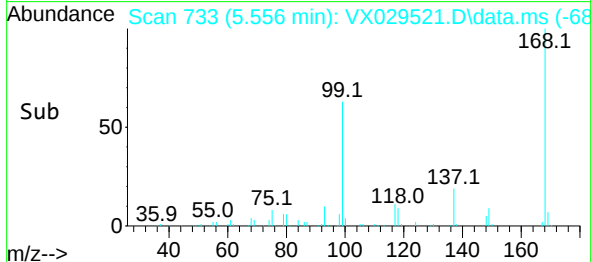
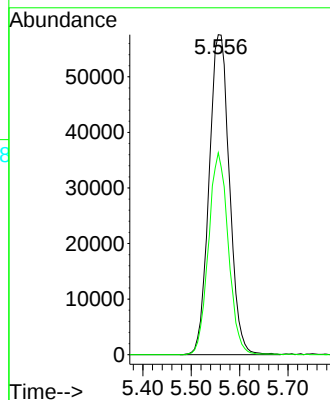
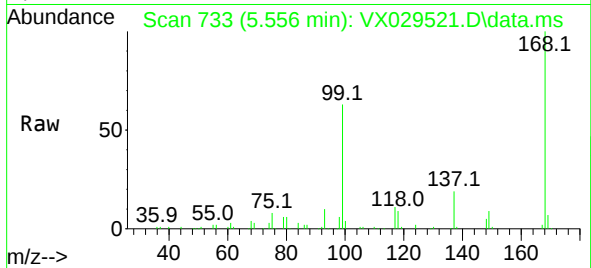




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

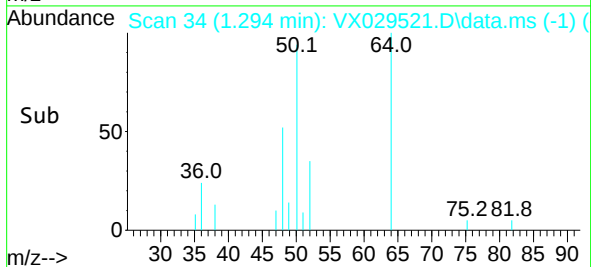
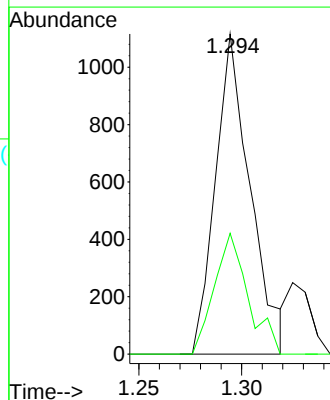
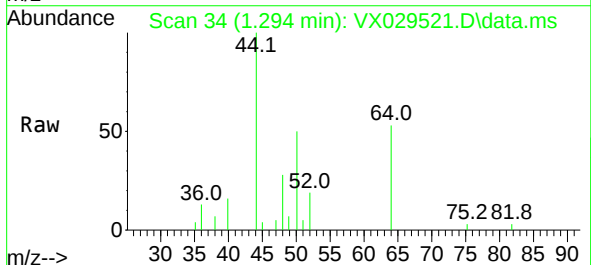
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

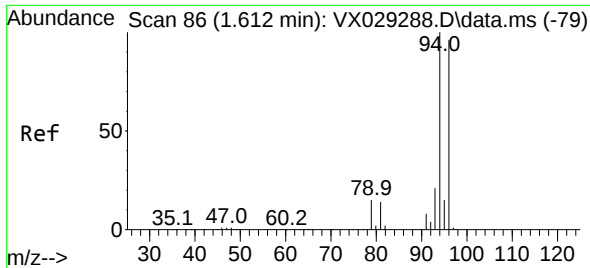
Tgt Ion:168 Resp: 168120
Ion Ratio Lower Upper
168 100
99 63.1 41.7 62.5#



#3
Chloromethane
Concen: 0.462 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion: 50 Resp: 1316
Ion Ratio Lower Upper
50 100
52 37.7 26.4 39.6

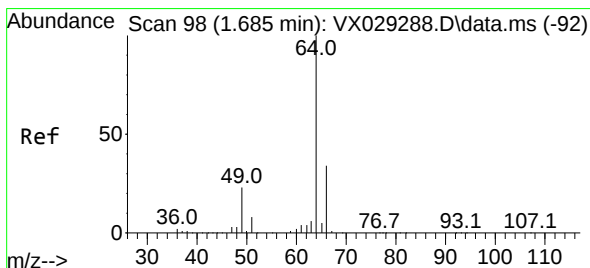
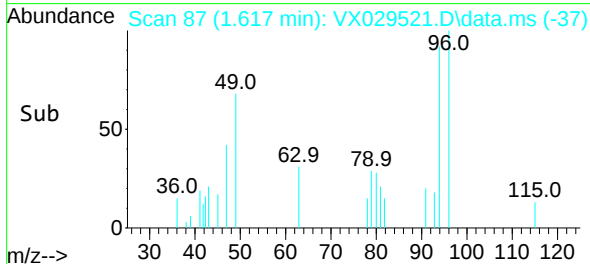
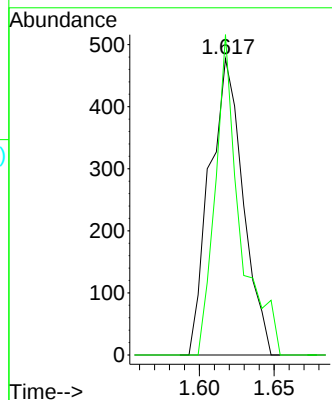
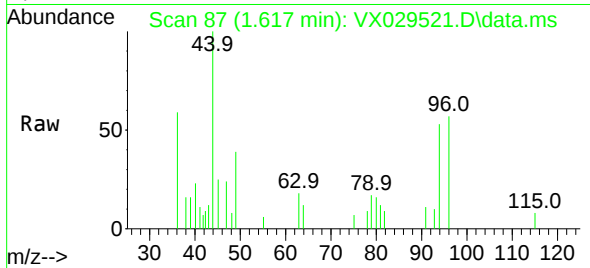




#5
 Bromomethane
 Concen: 0.470 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: VX029521.D
 Acq: 15 Jun 2022 22:11

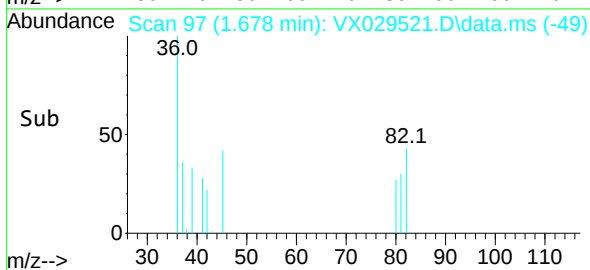
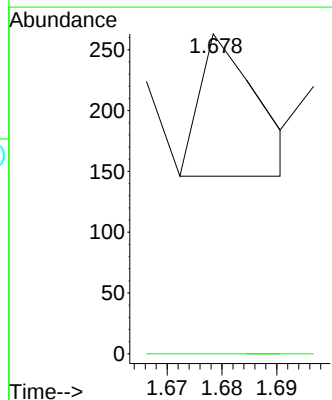
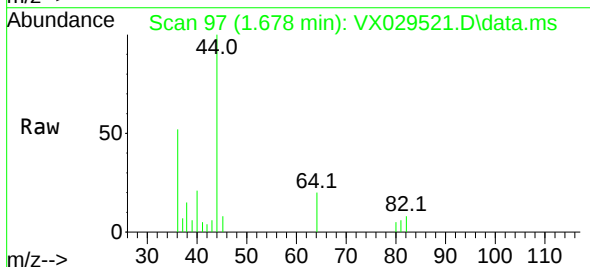
Instrument :
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 ClientSampleId :
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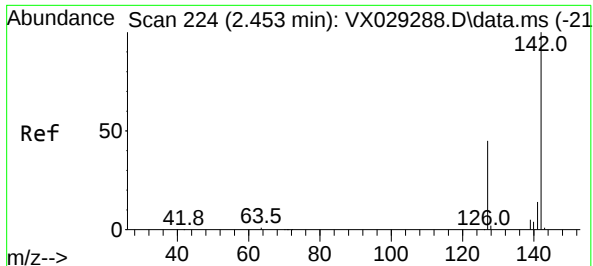
Tgt Ion: 94 Resp: 744
 Ion Ratio Lower Upper
 94 100
 96 108.2 75.3 112.9



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.678 min Scan# 97
 Delta R.T. -0.007 min
 Lab File: VX029521.D
 Acq: 15 Jun 2022 22:11

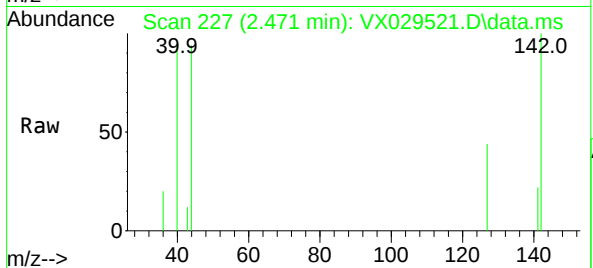
Tgt Ion: 64 Resp: 86
 Ion Ratio Lower Upper
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 66 0.0 25.3 37.9#



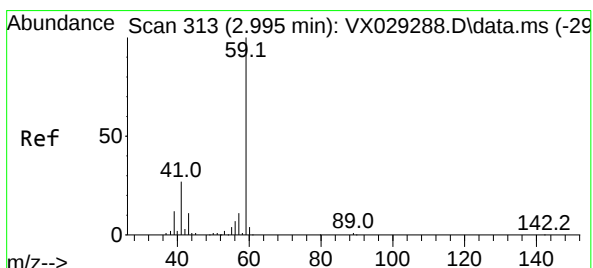
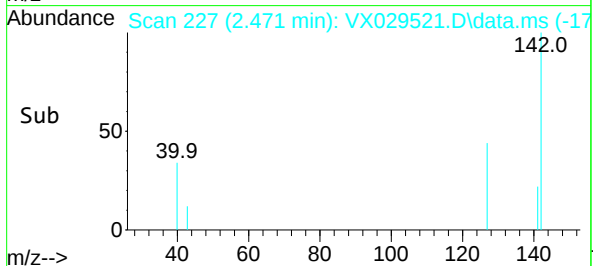
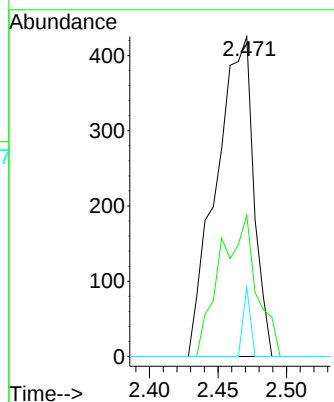


#10
Methyl Iodide
Concen: 1.480 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

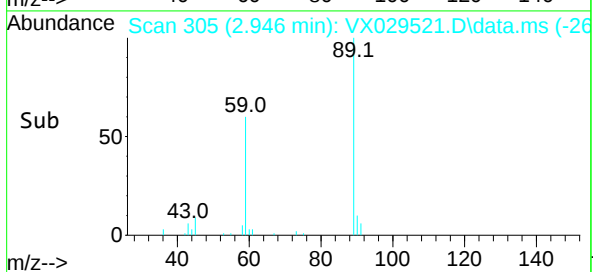
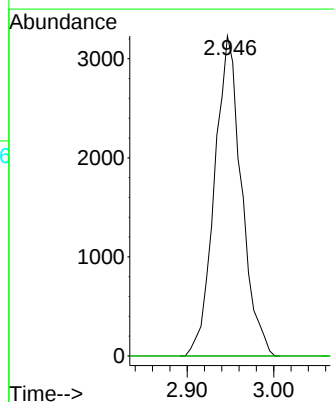
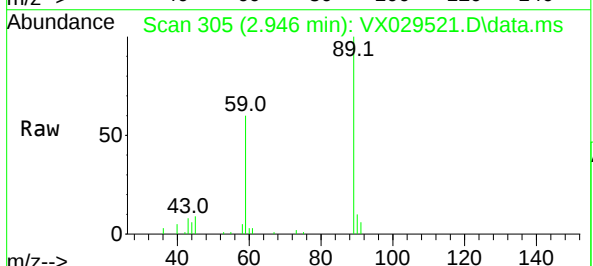


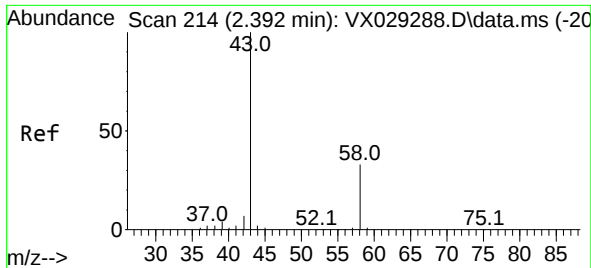
Tgt Ion:142 Resp: 805
Ion Ratio Lower Upper
142 100
127 43.4 33.9 50.9
141 4.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion: 59 Resp: 6996
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

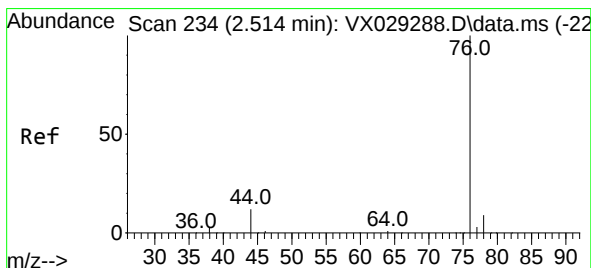
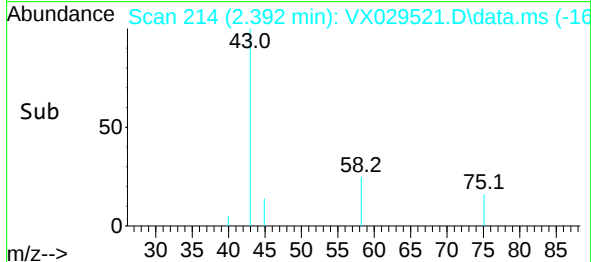
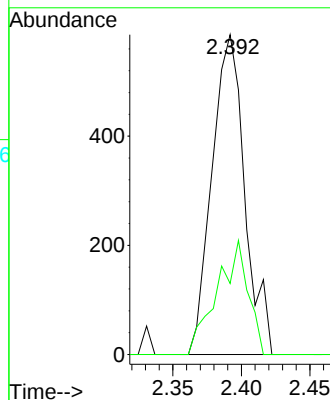
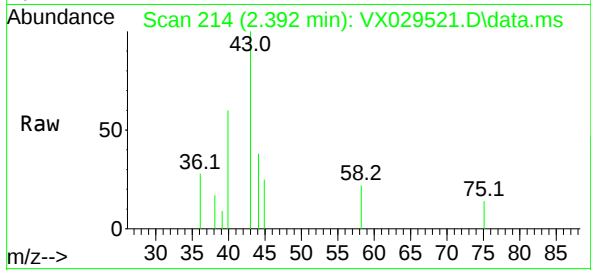




#16
Acetone
Concen: 0.717 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

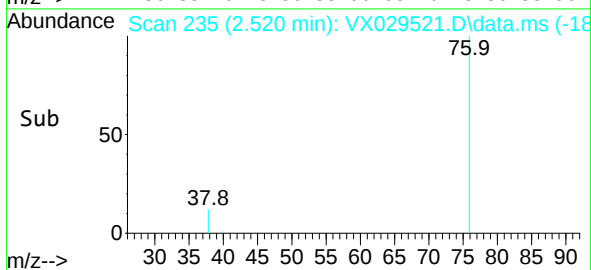
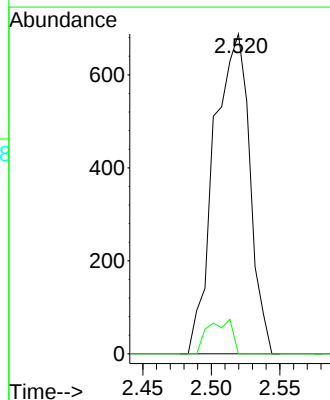
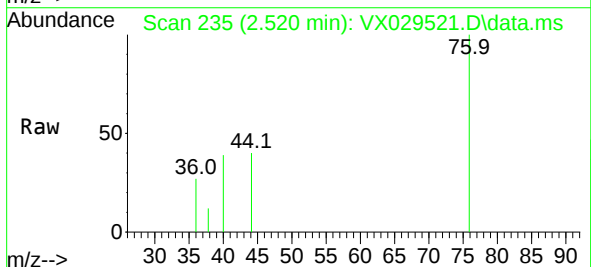
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

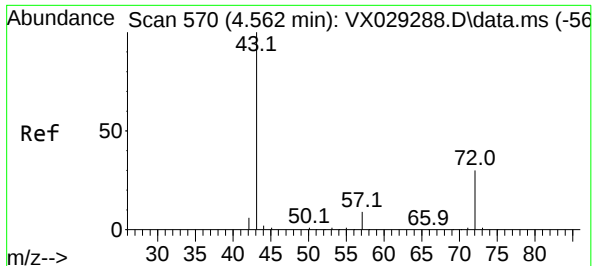
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 22.2 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion: 76 Resp: 1247
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

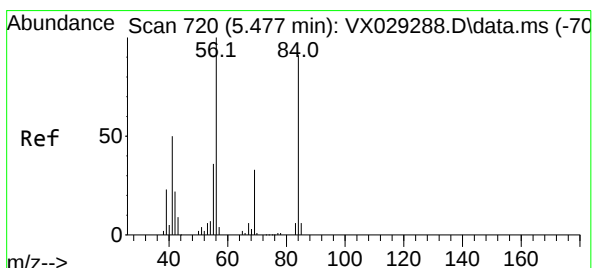
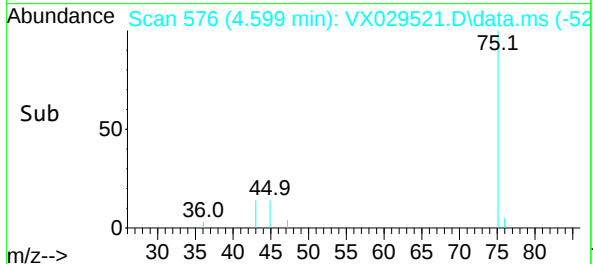
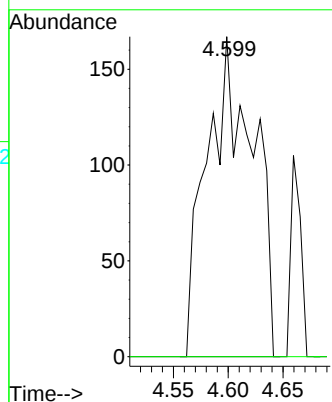
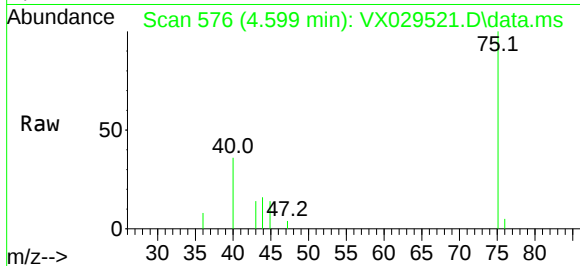




#25
2-Butanone
Concen: 0.228 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

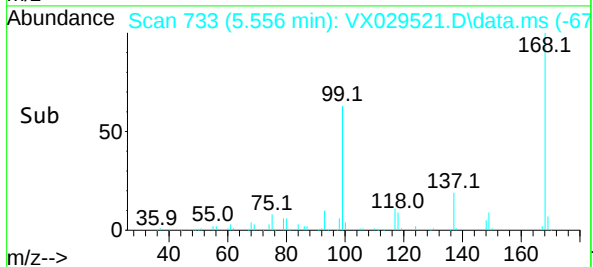
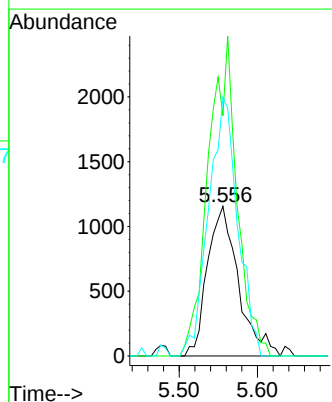
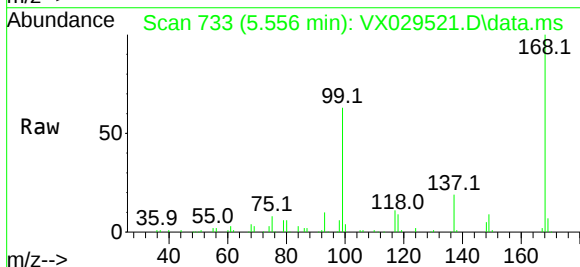
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

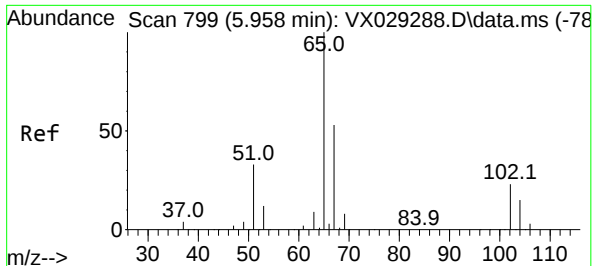
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 0.697 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion: 56 Resp: 3176
Ion Ratio Lower Upper
56 100
69 160.7 26.7 40.1#
84 173.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 62.288 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029521.D

Acq: 15 Jun 2022 22:11

Instrument :

MSVOA_X

ClientSampleId :

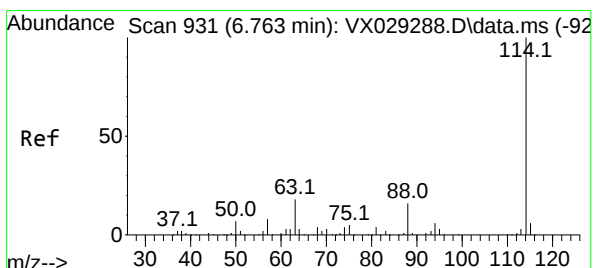
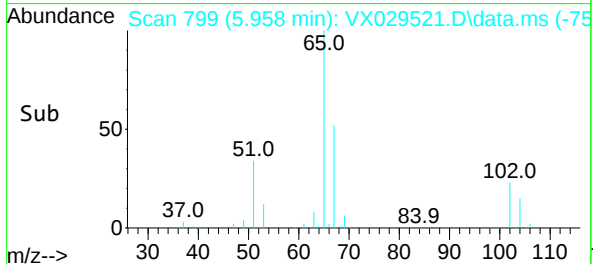
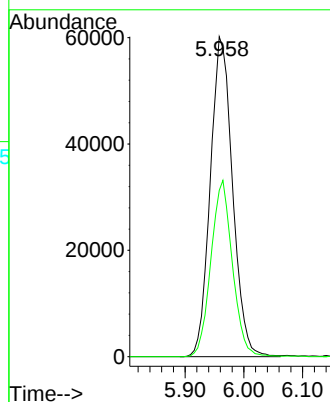
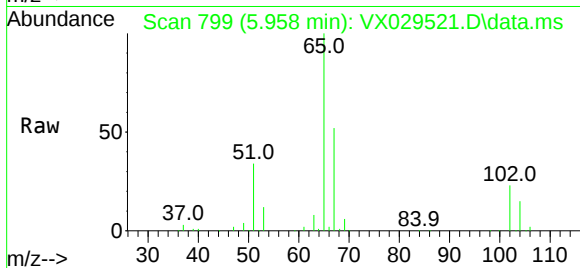
VX0615WBL02

Tgt Ion: 65 Resp: 158302

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029521.D

Acq: 15 Jun 2022 22:11

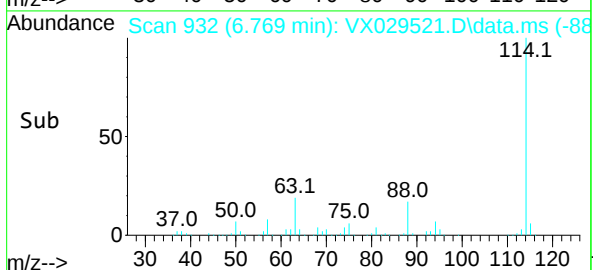
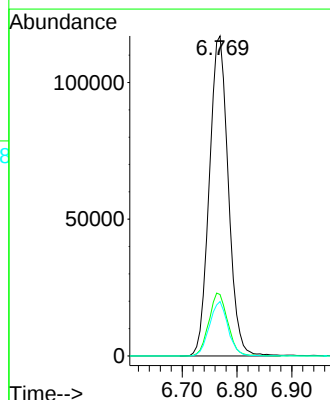
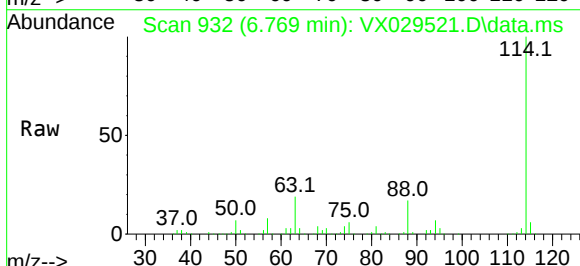
Tgt Ion: 114 Resp: 280386

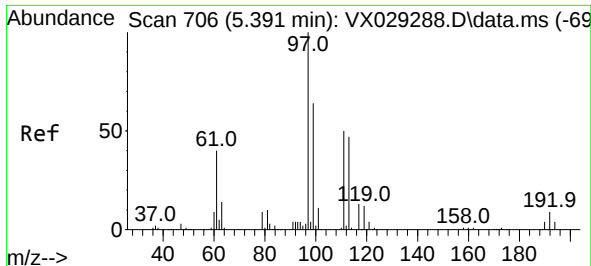
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

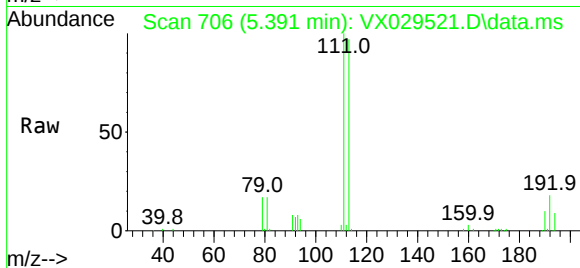
88 17.0 0.0 32.4



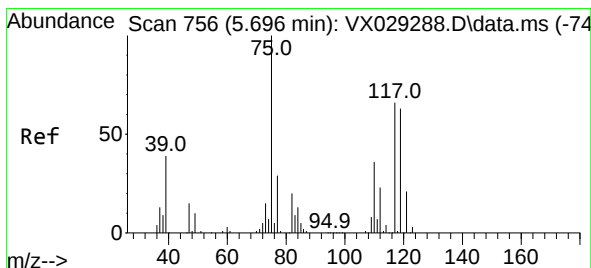
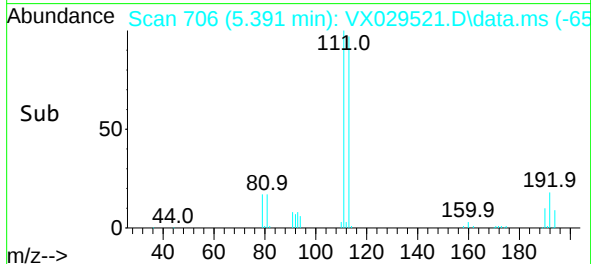
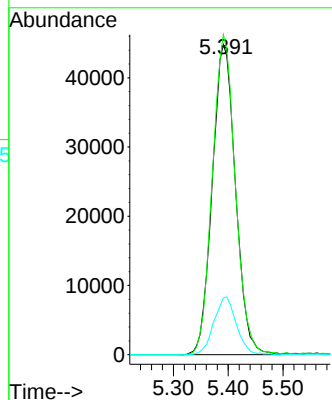


#35
Dibromofluoromethane
Concen: 55.378 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

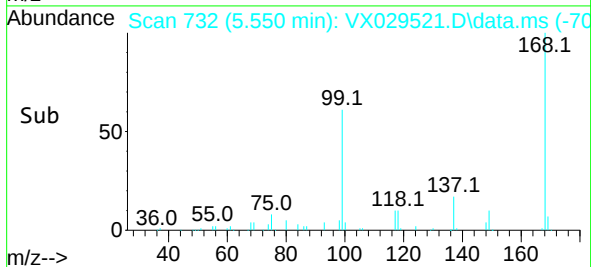
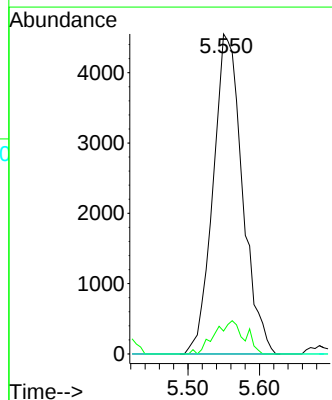
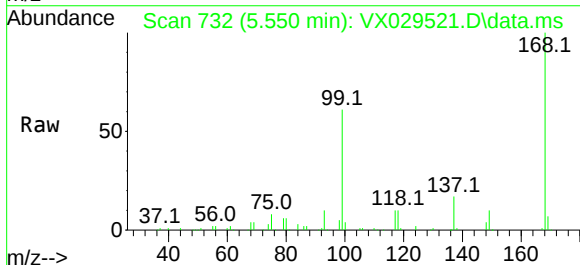


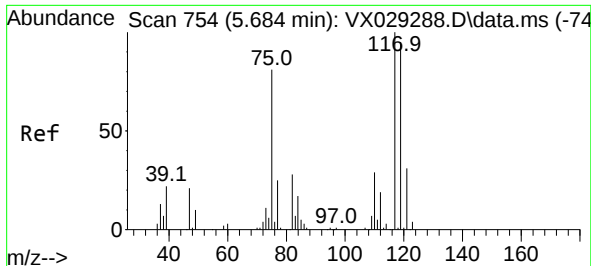
Tgt Ion:113 Resp: 132004
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.289 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

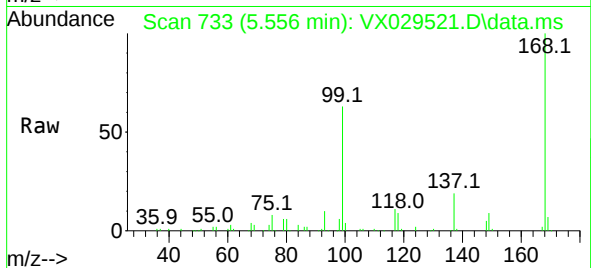
Tgt Ion: 75 Resp: 12952
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 24.8 37.2#



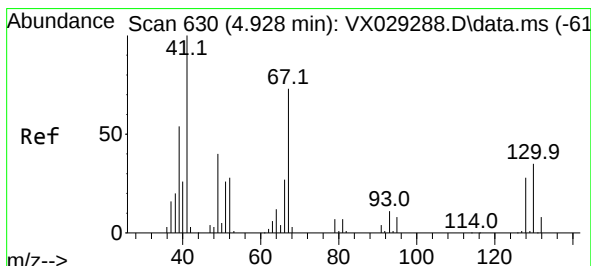
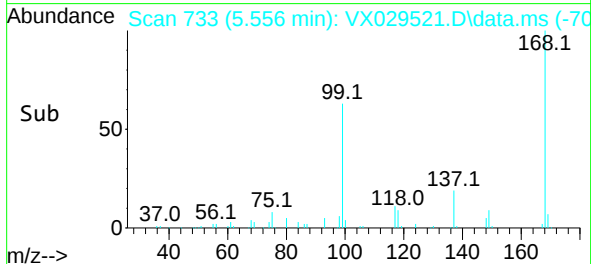
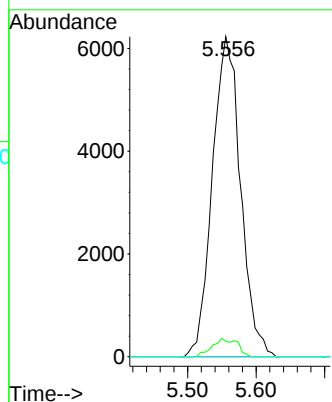


#38
Carbon Tetrachloride
Concen: 4.416 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

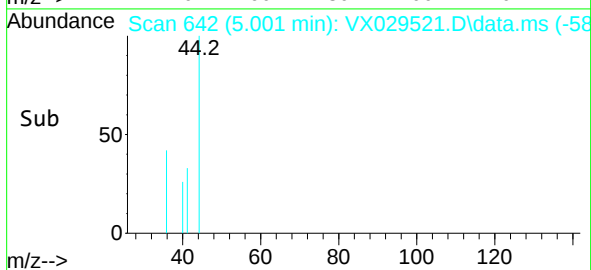
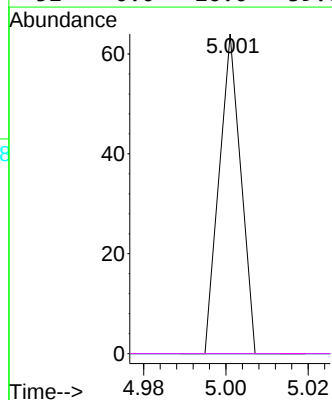
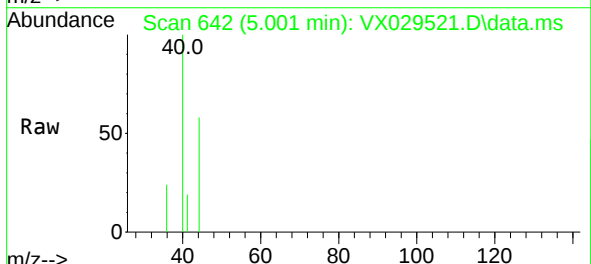


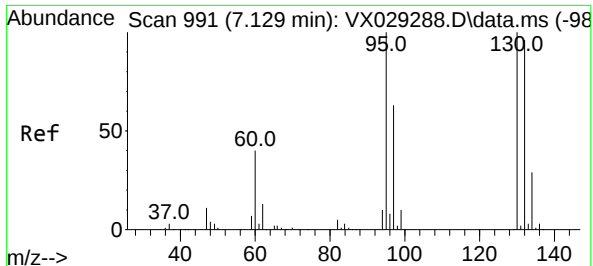
Tgt Ion:117 Resp: 17773
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.001 min Scan# 642
Delta R.T. 0.073 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

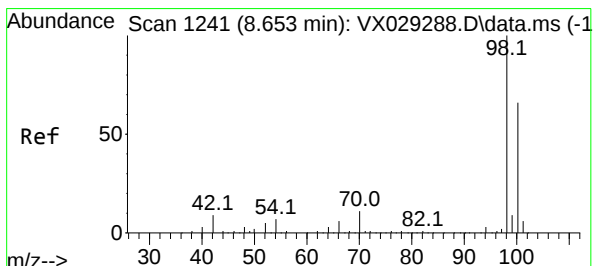
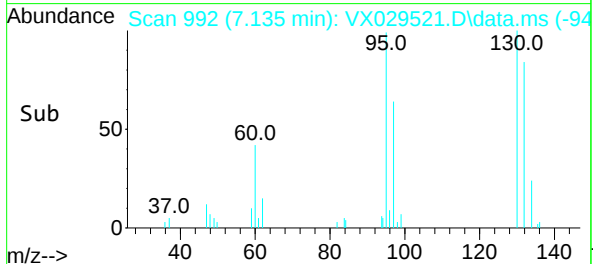
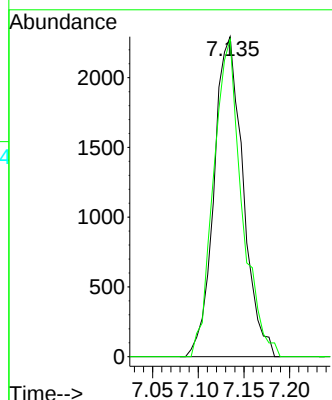
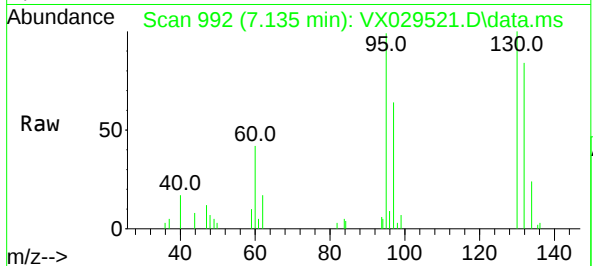




#44
Trichloroethene
Concen: 1.585 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

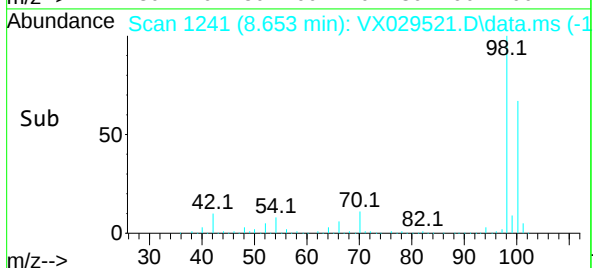
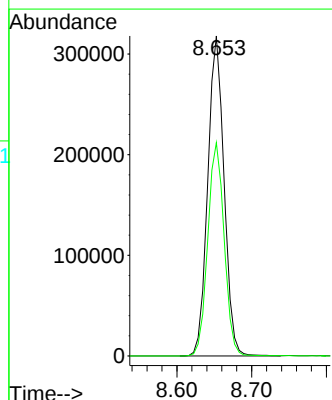
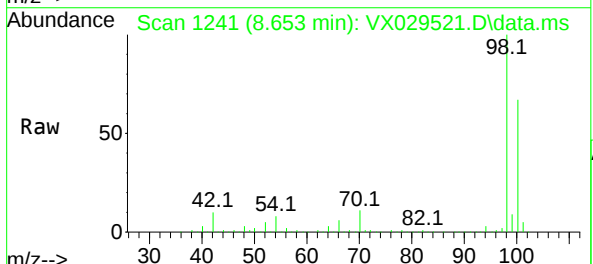
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

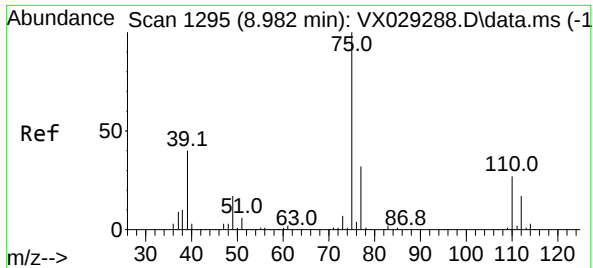
Tgt Ion:130 Resp: 5058
Ion Ratio Lower Upper
130 100
95 99.1 0.0 188.8



#50
Toluene-d8
Concen: 57.151 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion: 98 Resp: 481805
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8





#53

t-1,3-Dichloropropene

Concen: 1.343 ug/l

RT: 8.982 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029521.D

Acq: 15 Jun 2022 22:11

Instrument :

MSVOA_X

ClientSampleId :

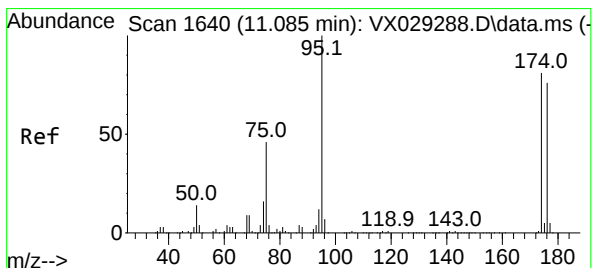
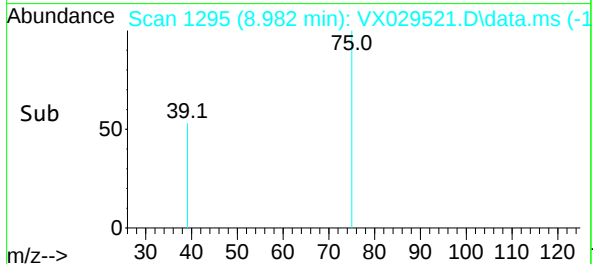
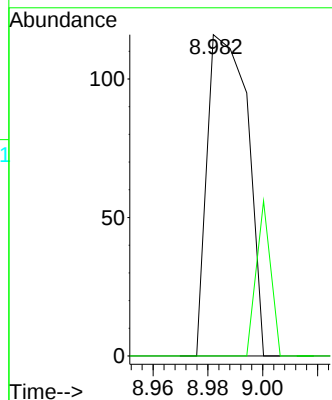
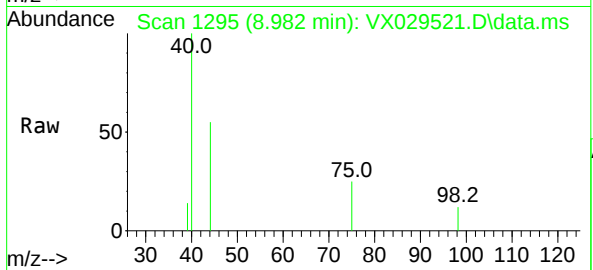
VX0615WBL02

Tgt Ion: 75 Resp: 118

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 55.493 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX029521.D

Acq: 15 Jun 2022 22:11

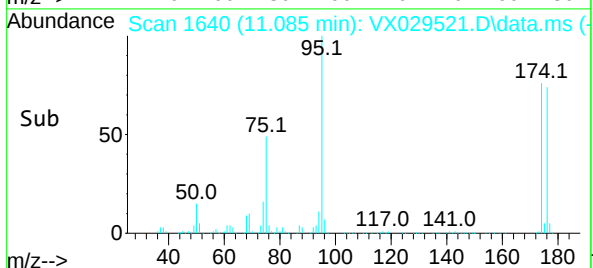
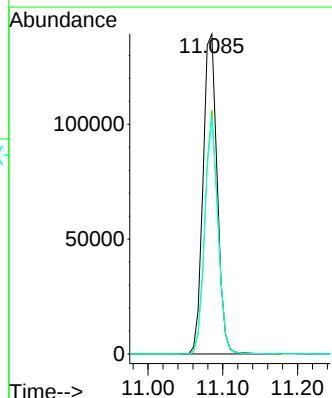
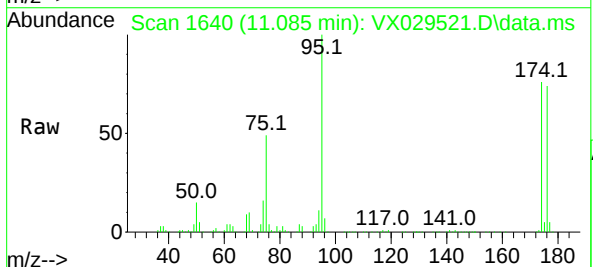
Tgt Ion: 95 Resp: 183077

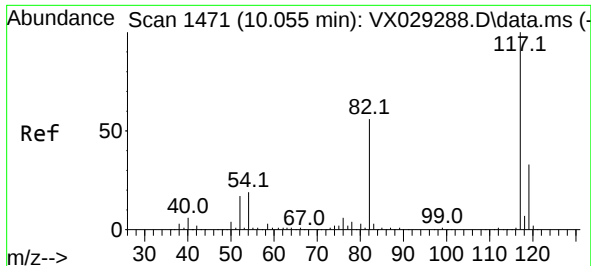
Ion Ratio Lower Upper

95 100

174 70.7 0.0 163.0

176 69.0 0.0 155.0

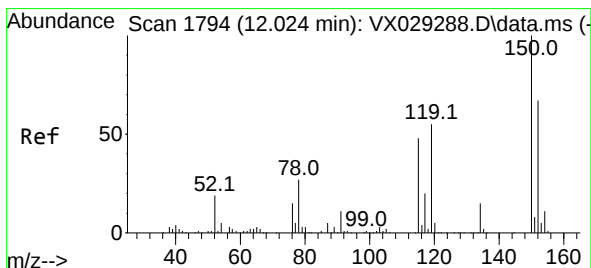
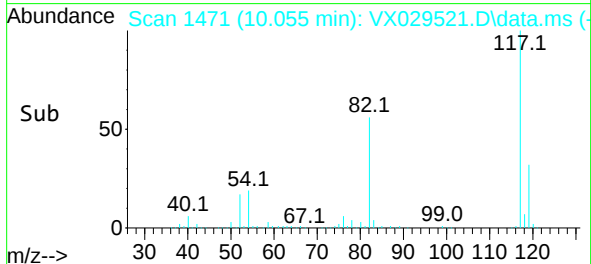
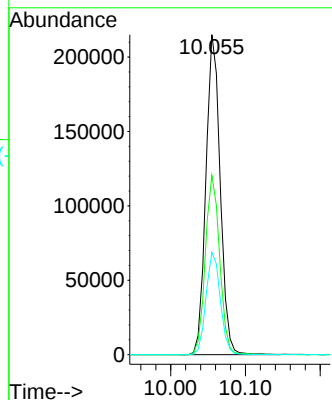
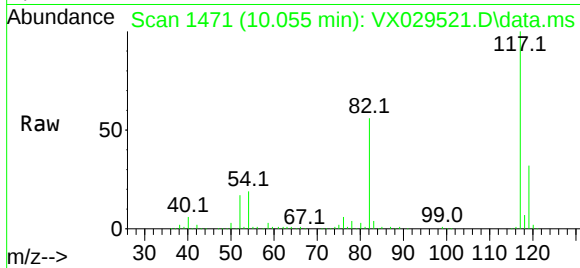




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

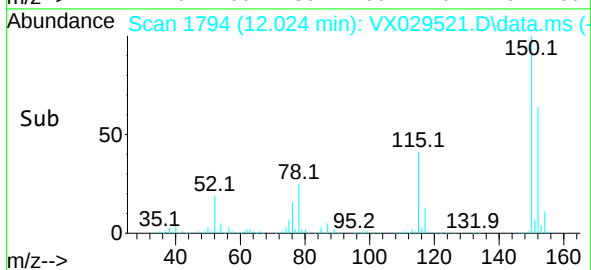
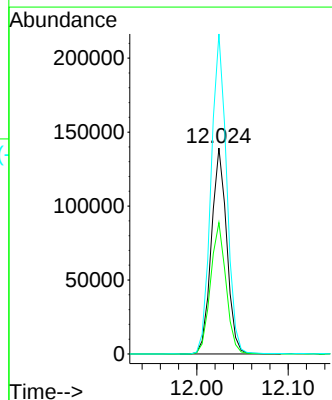
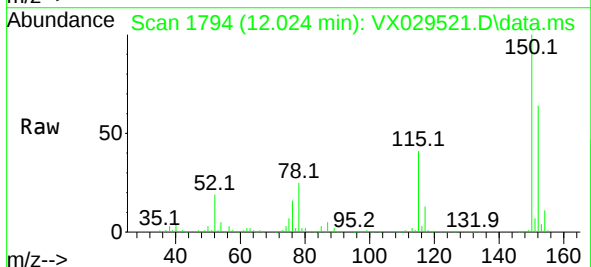
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

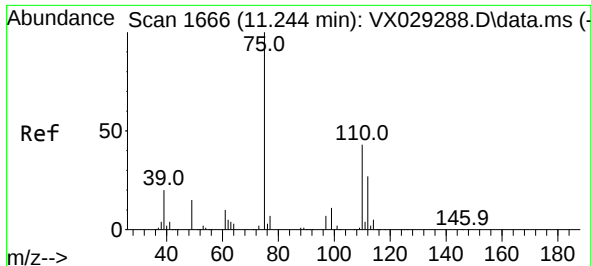
Tgt Ion:117 Resp: 285571
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion:152 Resp: 162354
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 157.2 0.0 338.2

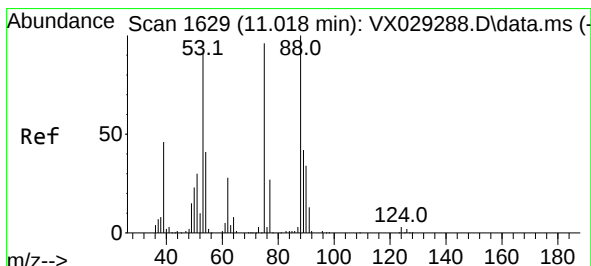
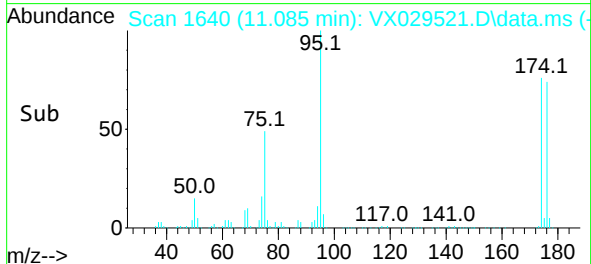
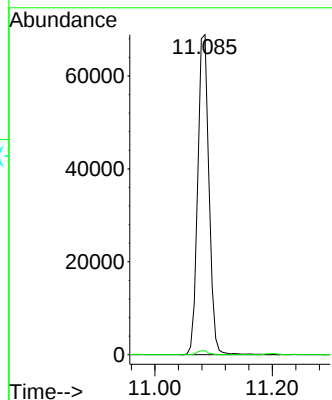
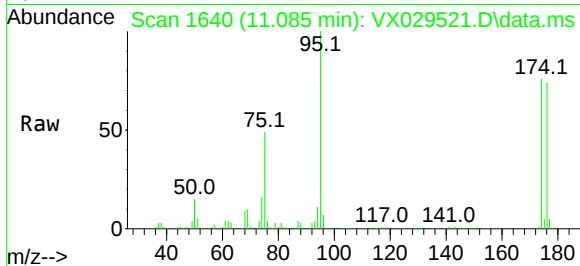




#76
1,2,3-Trichloropropane
Concen: 24.075 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

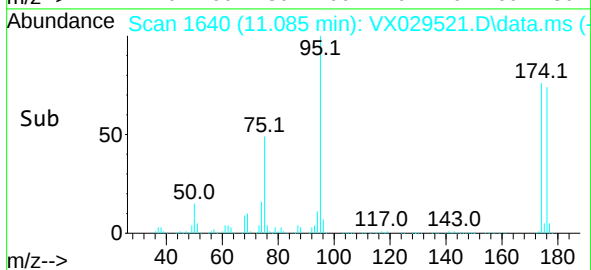
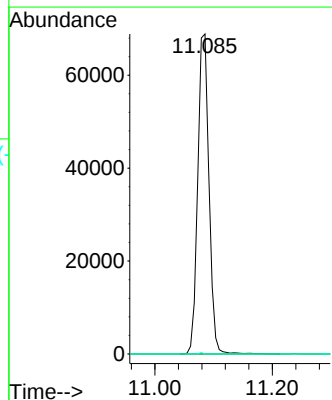
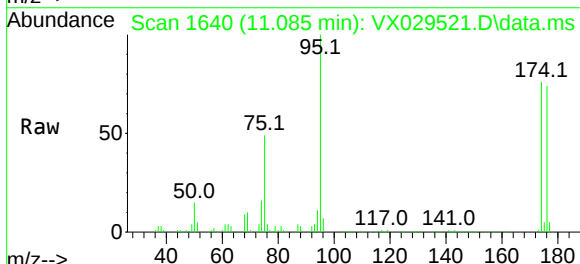
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL02

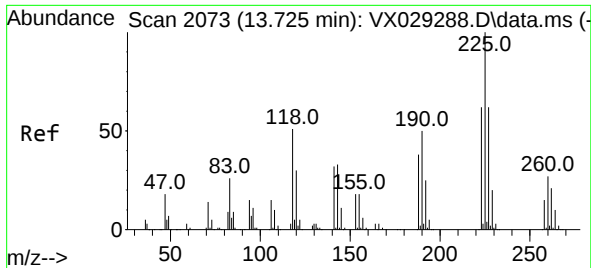
Tgt Ion: 75 Resp: 91295
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.775 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029521.D
Acq: 15 Jun 2022 22:11

Tgt Ion: 75 Resp: 91295
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.205 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX029521.D
 Acq: 15 Jun 2022 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBL02

Tgt Ion:	225	Resp:	285
Ion	Ratio	Lower	Upper
225	100		
223	86.0	34.2	102.5
227	60.4	33.9	101.7

