

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027555.D
 Acq On : 19 Mar 2022 13:12
 Operator : JC/MD
 Sample : N2000-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20220315

Quant Time: Mar 21 01:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

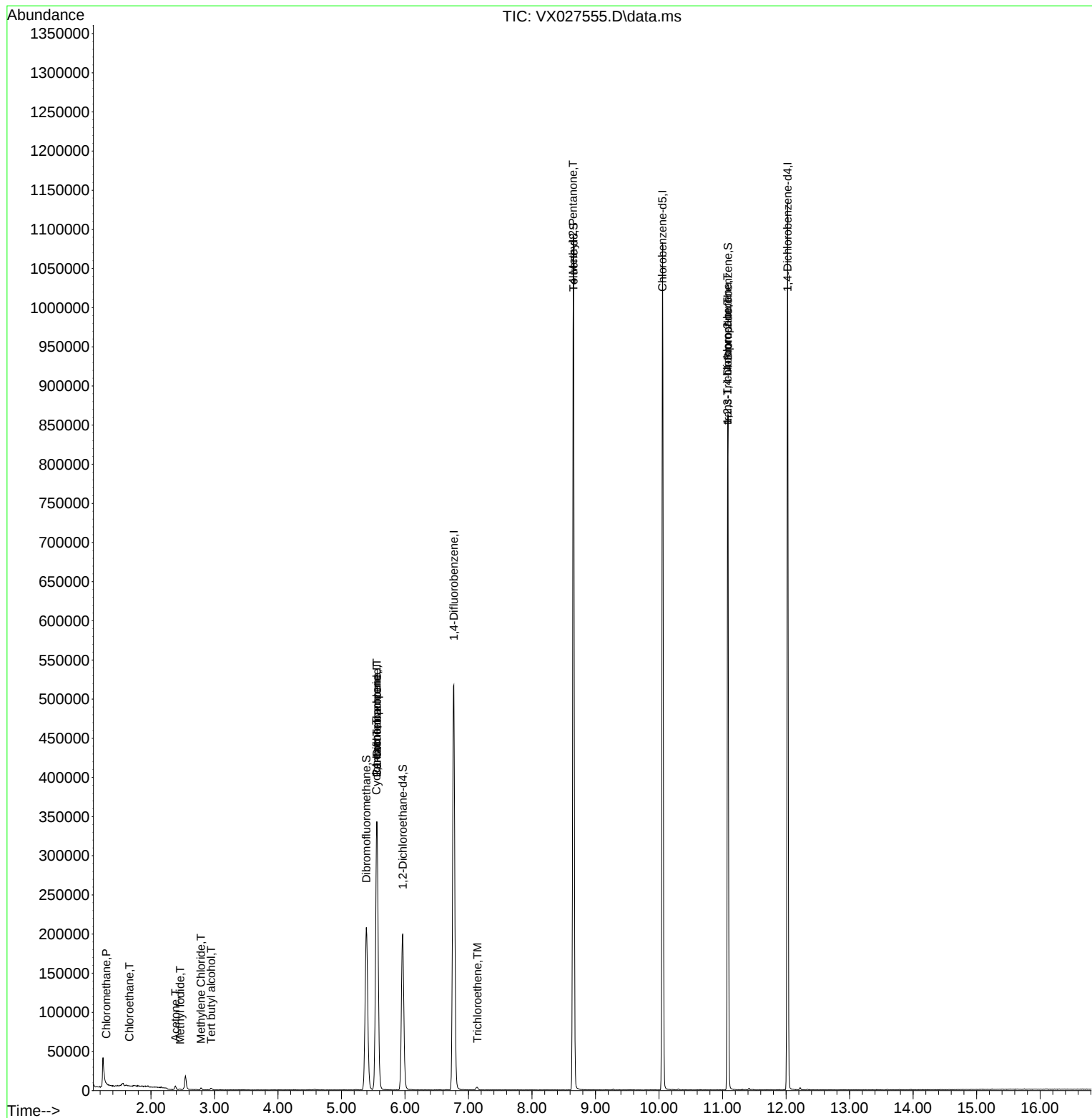
Internal Standards						
1) Pentafluorobenzene	5.556	168	354037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	582046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192201	44.069	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.140%		
35) Dibromofluoromethane	5.391	113	187008	49.938	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.880%		
50) Toluene-d8	8.653	98	678110	47.853	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.085	95	235235	45.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.320%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	660	0.219	ug/l	94
5) Bromomethane	1.611	94	839	Below Cal	#	80
6) Chloroethane	1.660	64	763	0.357	ug/l	95
10) Methyl Iodide	2.459	142	1450	0.320	ug/l #	87
11) Tert butyl alcohol	2.946	59	1257	1.512	ug/l #	72
16) Acetone	2.386	43	4879	2.745	ug/l	99
20) Methylene Chloride	2.788	84	1187	0.311	ug/l #	72
31) Cyclohexane	5.550	56	5501	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23085	4.511	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32972	5.632	ug/l #	16
44) Trichloroethene	7.141	130	1779	0.399	ug/l	70
51) 4-Methyl-2-Pentanone	8.647	43	2100	0.401	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109200	21.452	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	109200	65.149	ug/l #	15

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

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TB-01-20220315

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

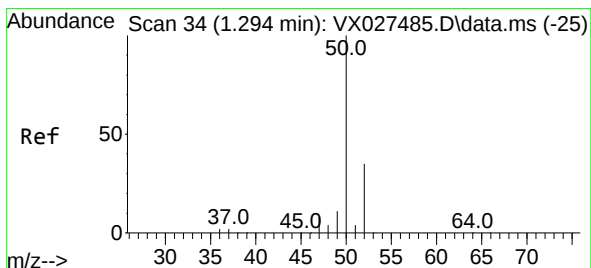
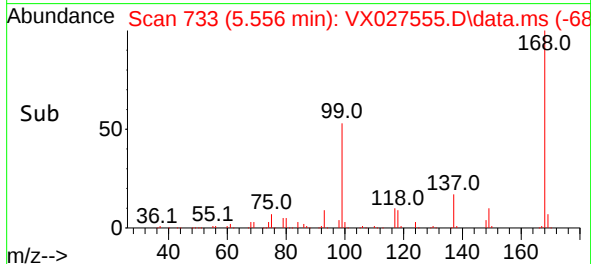
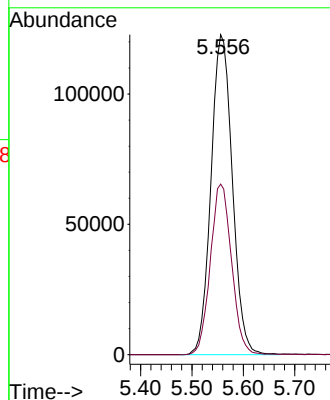
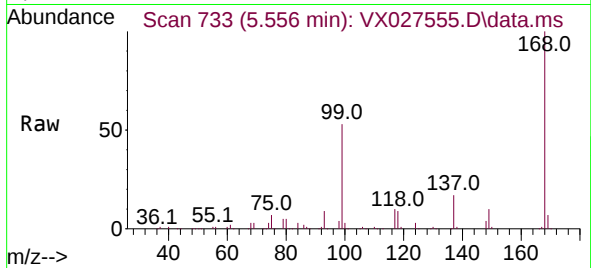




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

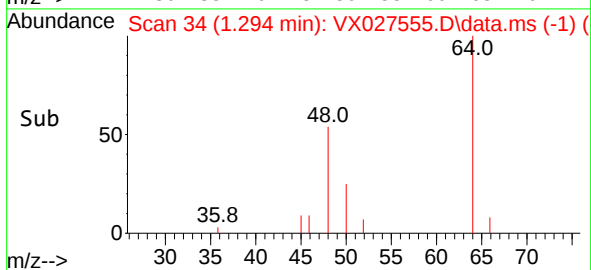
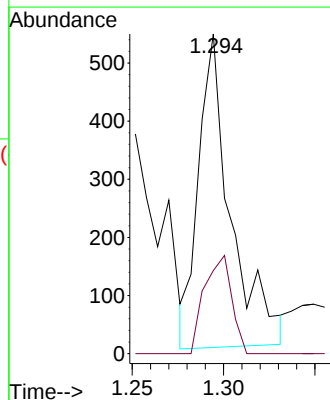
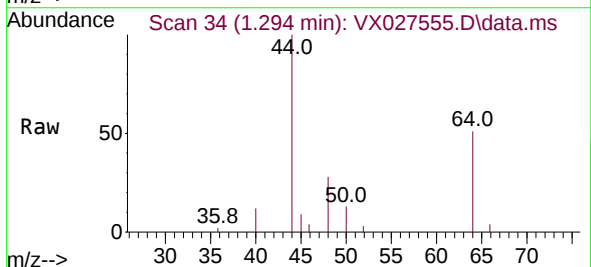
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220315

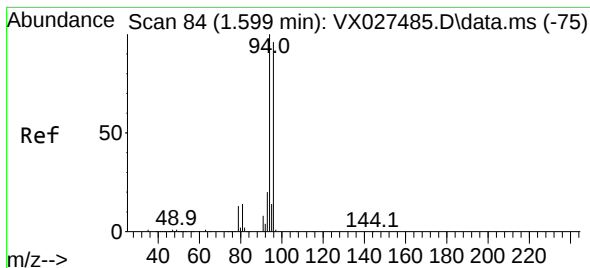
Tgt Ion:168 Resp: 354037
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion: 50 Resp: 660
Ion Ratio Lower Upper
50 100
52 29.5 26.4 39.6





#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX027555.D

Acq: 19 Mar 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

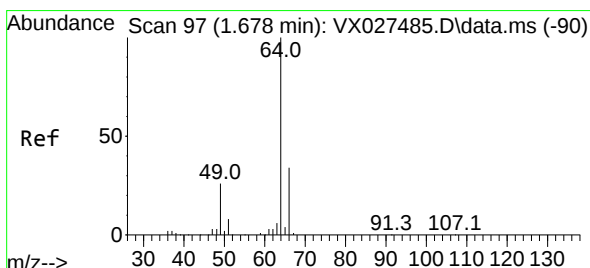
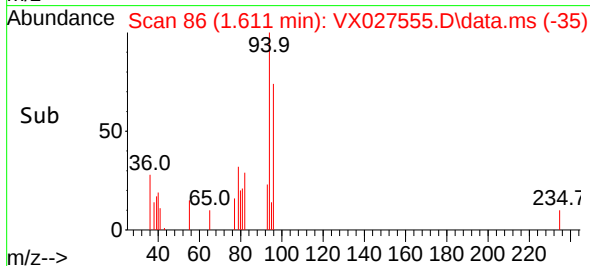
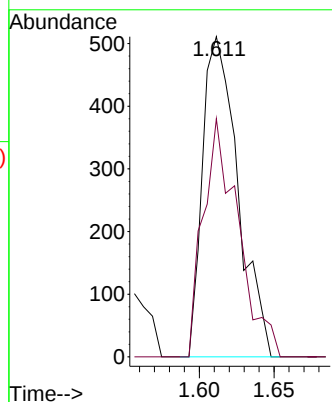
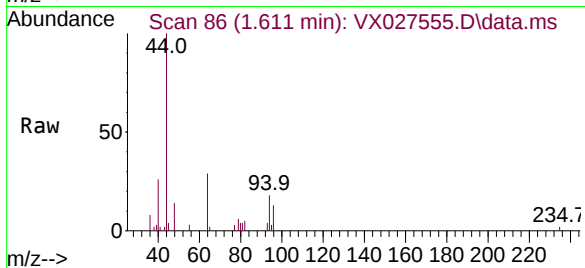
TB-01-20220315

Tgt Ion: 94 Resp: 839

Ion Ratio Lower Upper

94 100

96 74.4 75.3 112.9#



#6

Chloroethane

Concen: 0.357 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.018 min

Lab File: VX027555.D

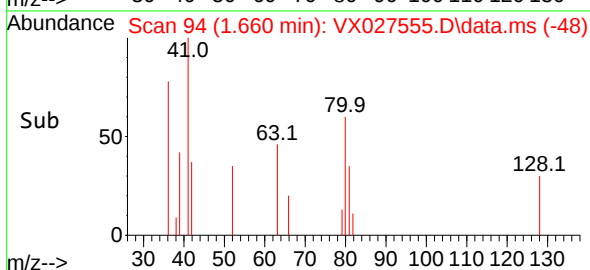
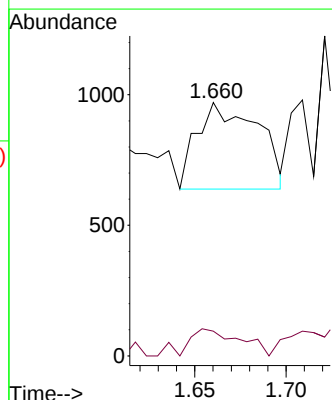
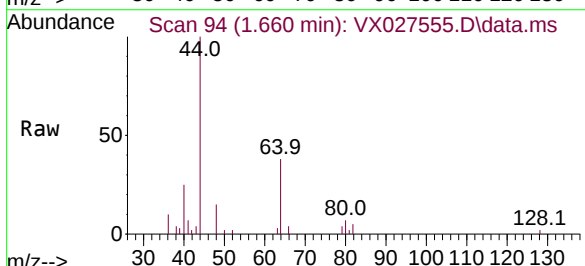
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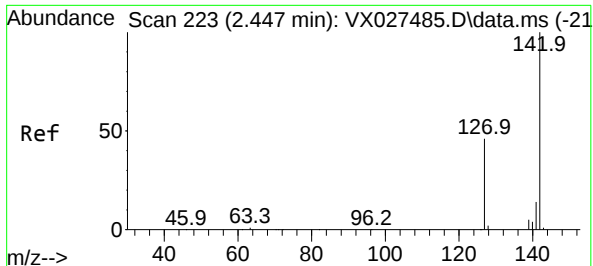
Tgt Ion: 64 Resp: 763

Ion Ratio Lower Upper

64 100

66 28.7 25.3 37.9

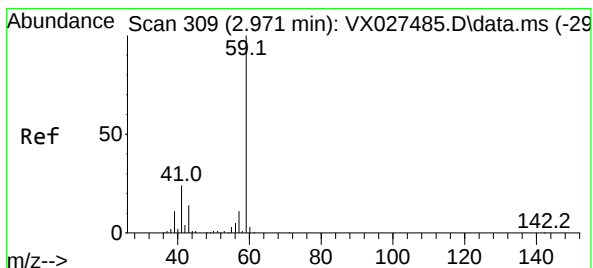
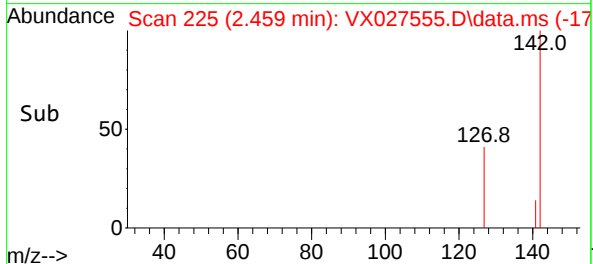
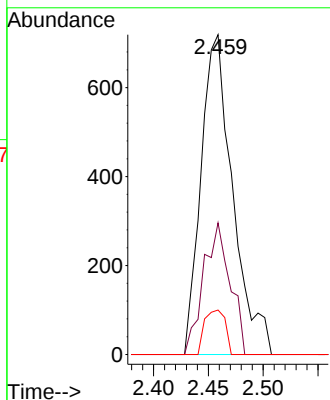
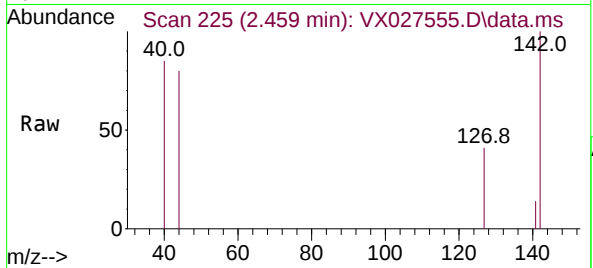




#10
Methyl Iodide
Concen: 0.320 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

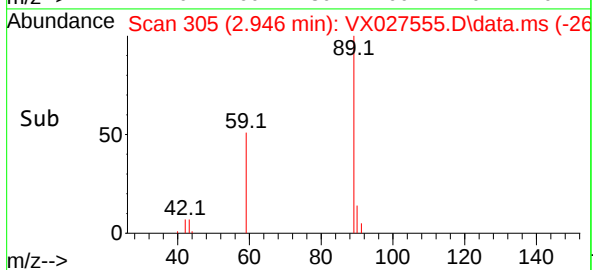
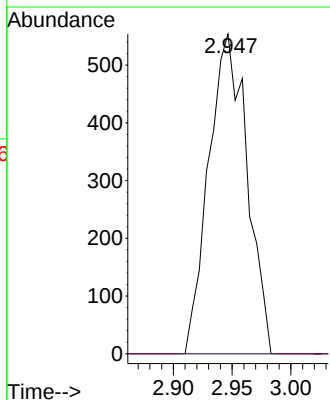
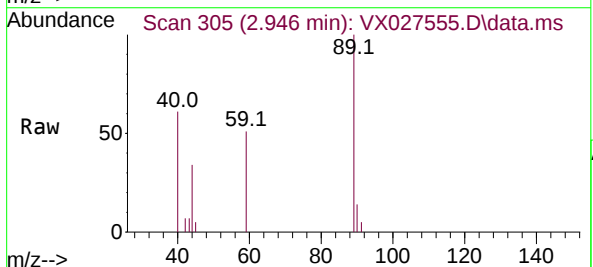
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220315

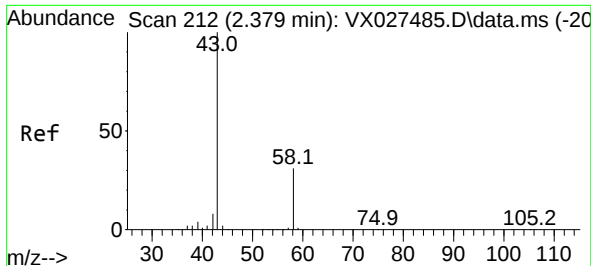
Tgt Ion:142 Resp: 1450
Ion Ratio Lower Upper
142 100
127 34.3 33.9 50.9
141 9.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.512 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion: 59 Resp: 1257
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

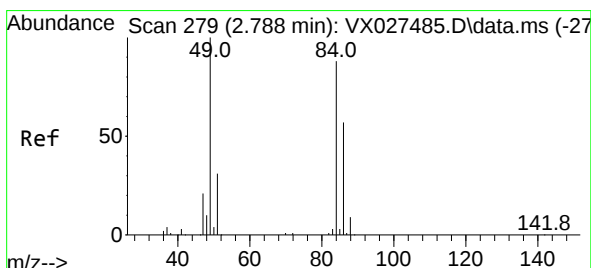
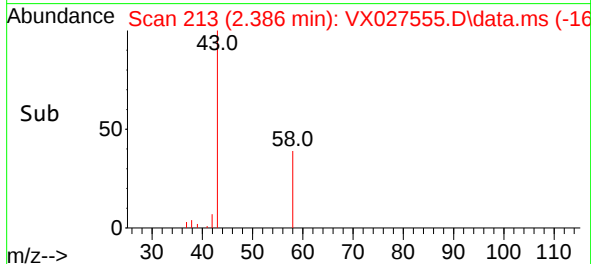
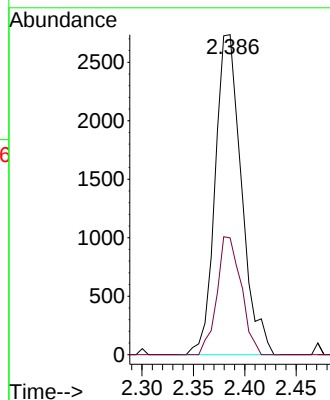
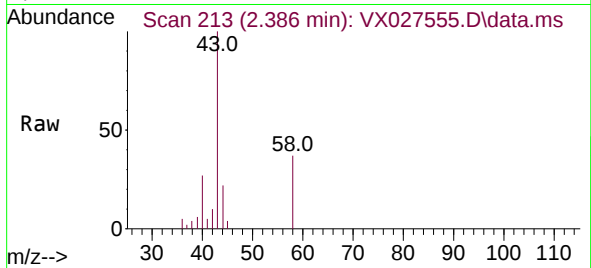




#16
Acetone
Concen: 2.745 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

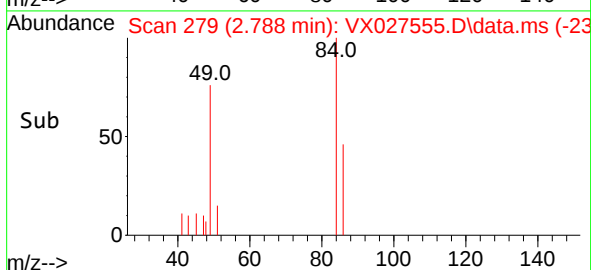
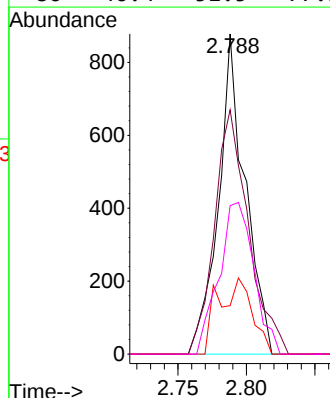
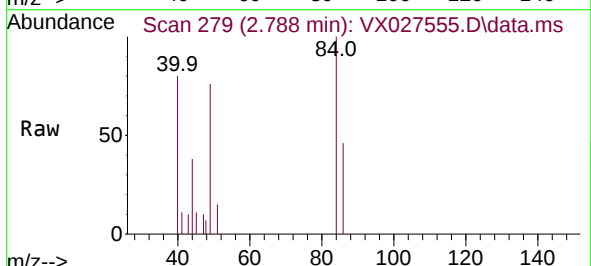
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220315

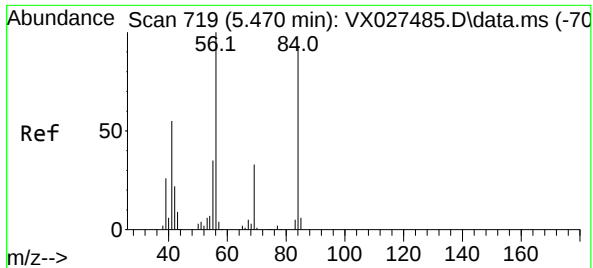
Tgt Ion: 43 Resp: 4879
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2



#20
Methylene Chloride
Concen: 0.311 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion: 84 Resp: 1187
Ion Ratio Lower Upper
84 100
49 76.3 85.5 128.3#
51 15.1 26.6 39.8#
86 46.4 51.5 77.3#

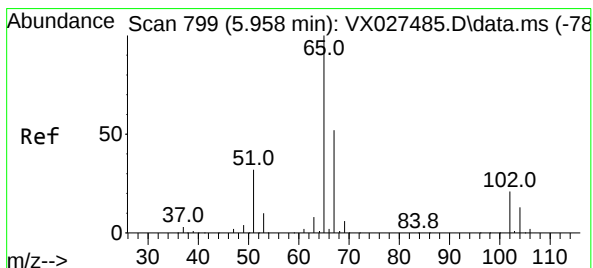
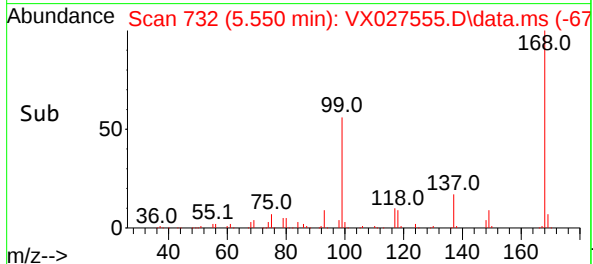
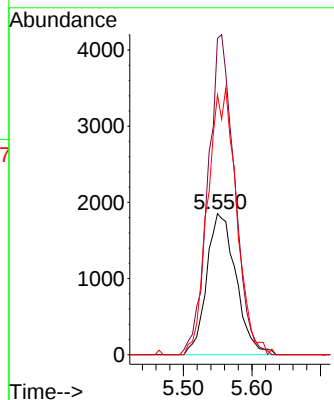
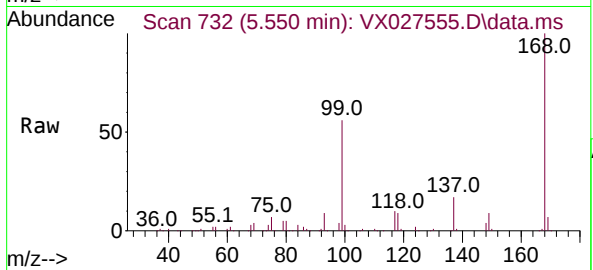




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

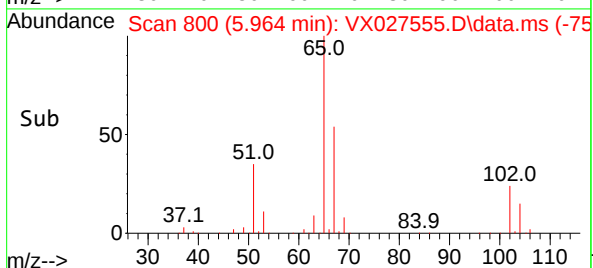
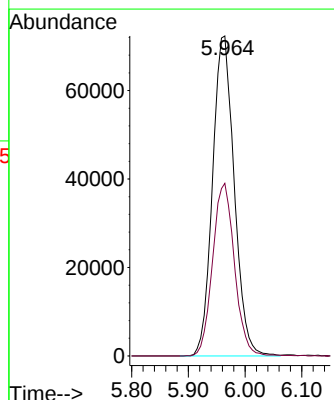
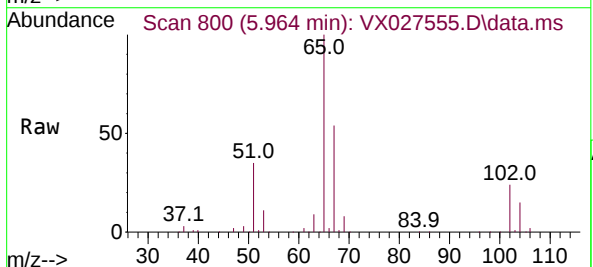
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220315

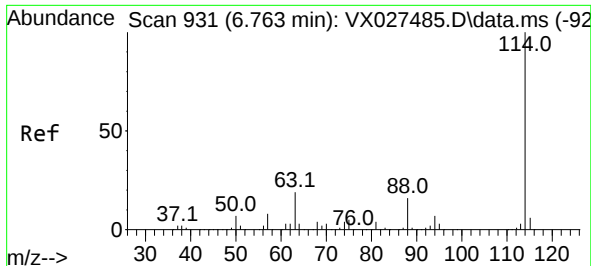
Tgt Ion: 56 Resp: 5501
Ion Ratio Lower Upper
56 100
69 224.1 26.7 40.1#
84 184.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.069 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion: 65 Resp: 192201
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.4

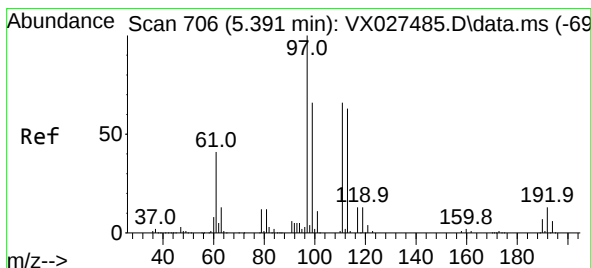
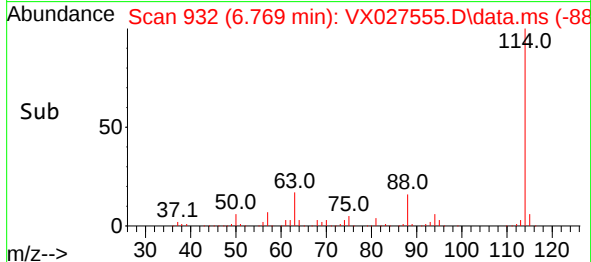
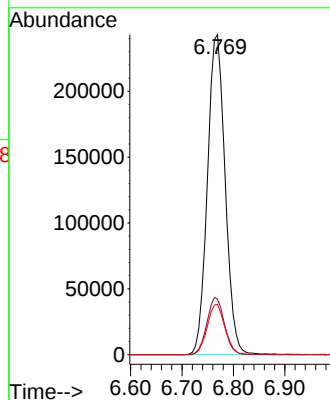
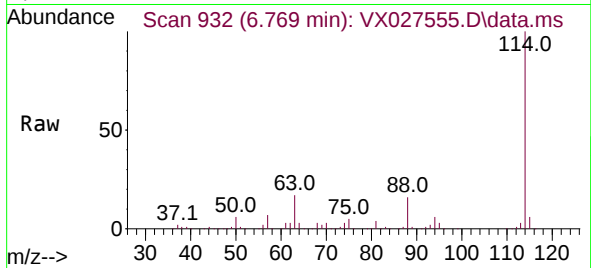




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

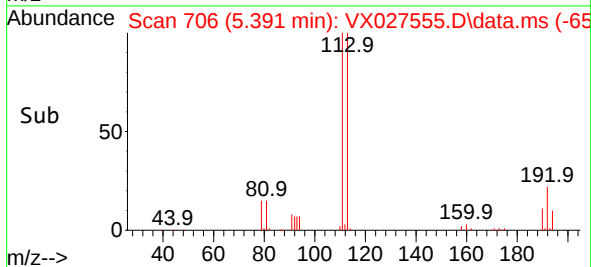
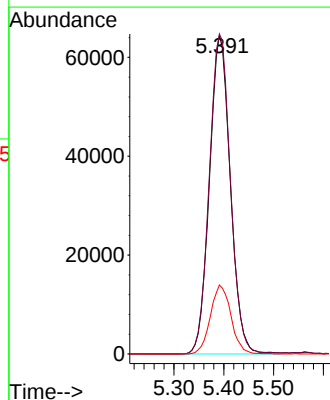
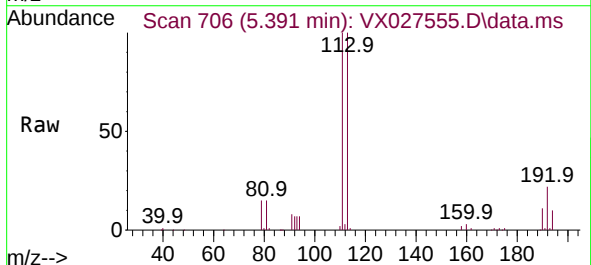
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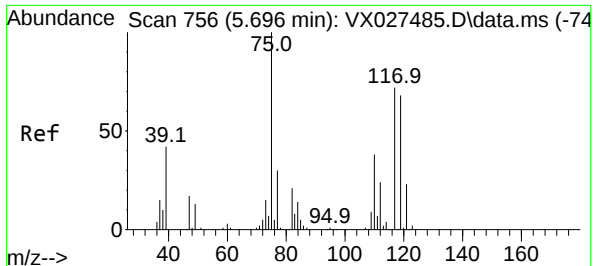
Tgt Ion:114 Resp: 582046
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion:113 Resp: 187008
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 21.4 16.9 25.3

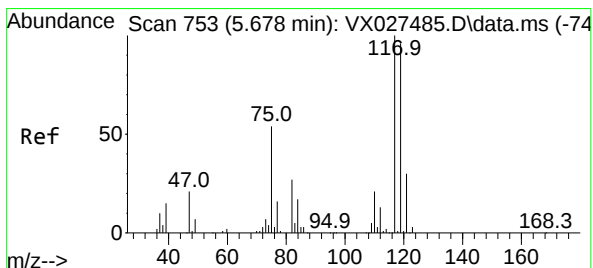
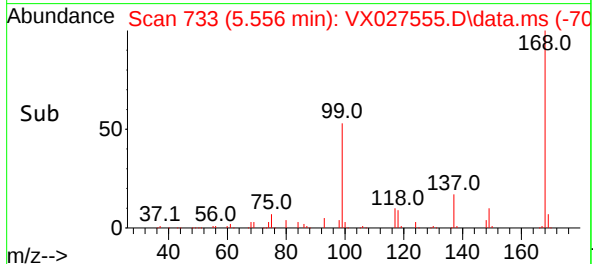
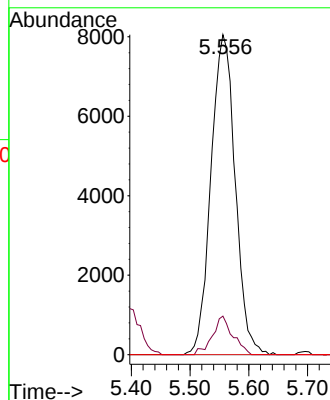
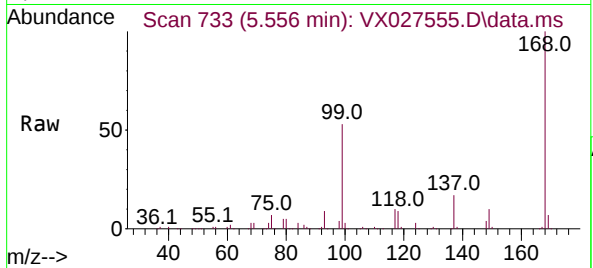




#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

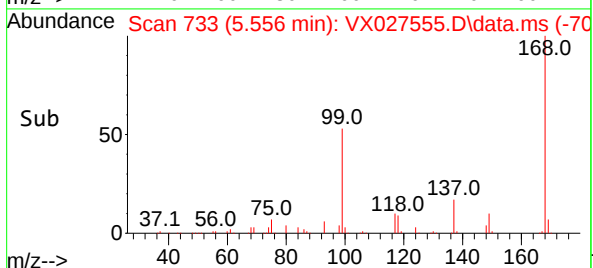
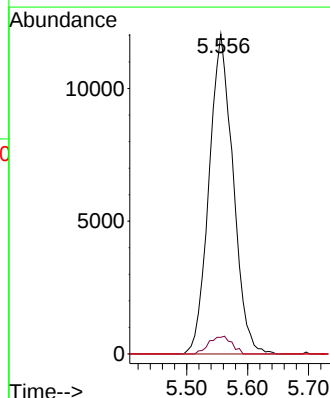
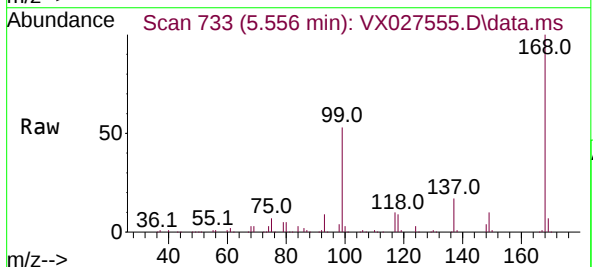
Instrument :
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ClientSampleId :
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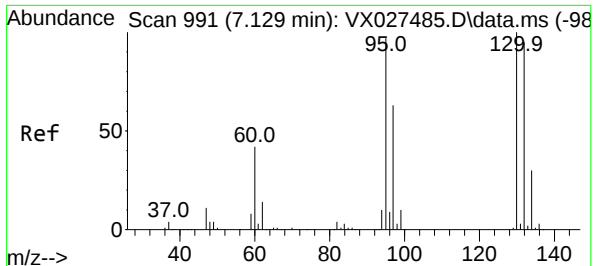
Tgt Ion: 75 Resp: 23085
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion: 117 Resp: 32972
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#

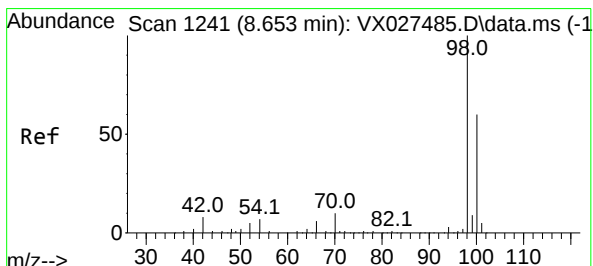
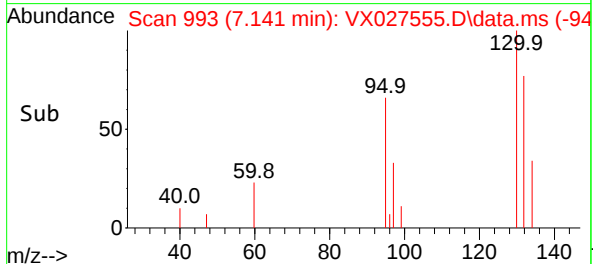
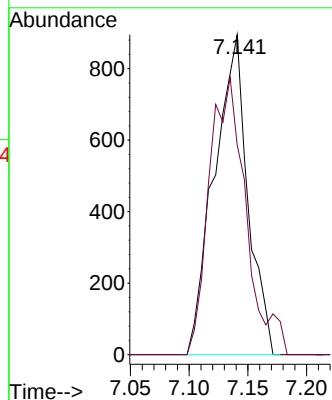
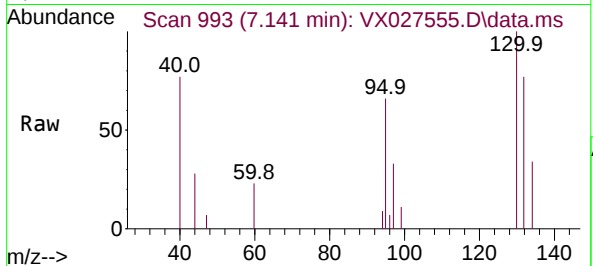




#44
 Trichloroethene
 Concen: 0.399 ug/l
 RT: 7.141 min Scan# 993
 Delta R.T. 0.012 min
 Lab File: VX027555.D
 Acq: 19 Mar 2022 13:12

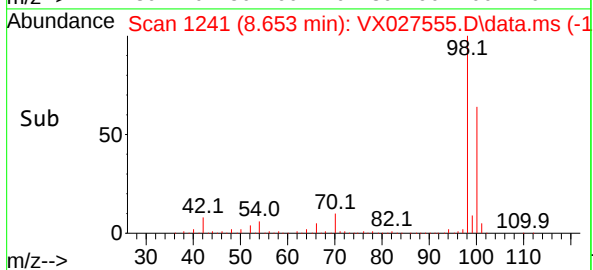
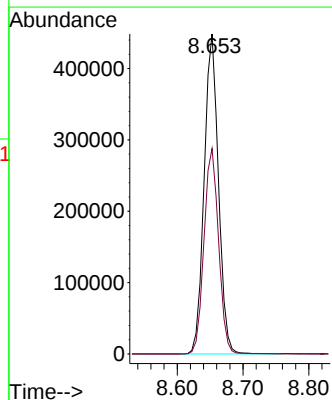
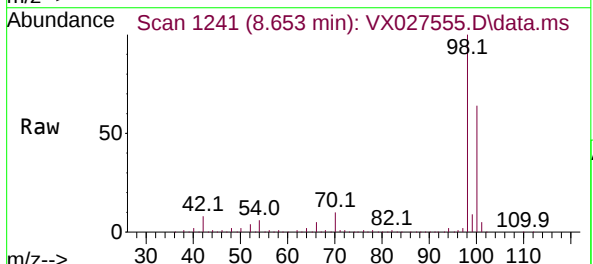
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20220315

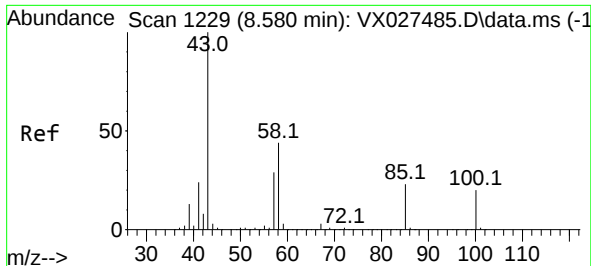
Tgt Ion:130 Resp: 1779
 Ion Ratio Lower Upper
 130 100
 95 65.6 0.0 188.8



#50
 Toluene-d8
 Concen: 47.853 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX027555.D
 Acq: 19 Mar 2022 13:12

Tgt Ion: 98 Resp: 678110
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.401 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX027555.D

Acq: 19 Mar 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

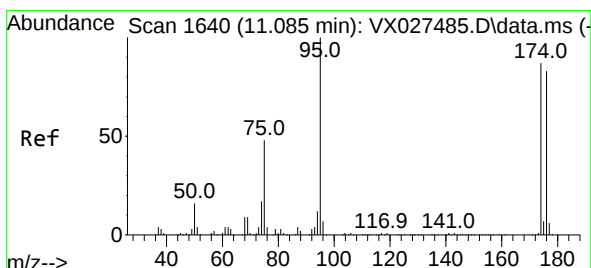
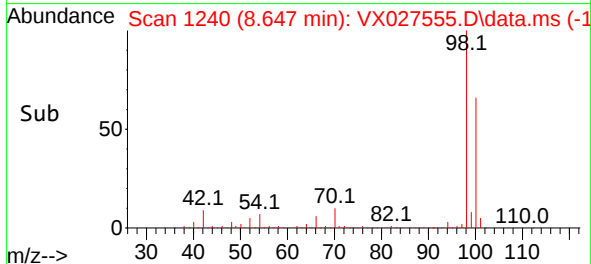
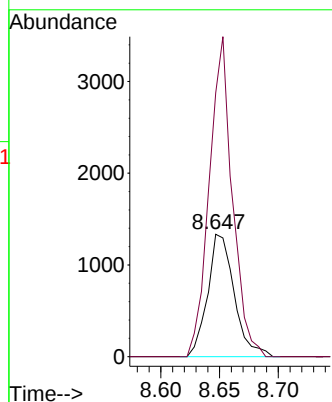
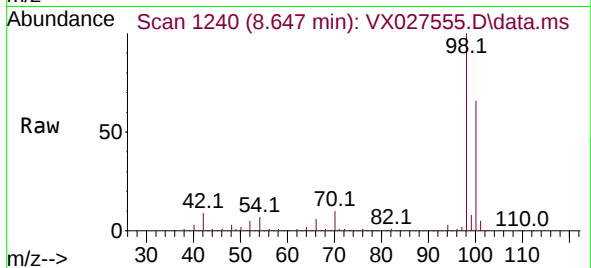
TB-01-20220315

Tgt Ion: 43 Resp: 2100

Ion Ratio Lower Upper

43 100

58 227.1 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 45.164 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027555.D

Acq: 19 Mar 2022 13:12

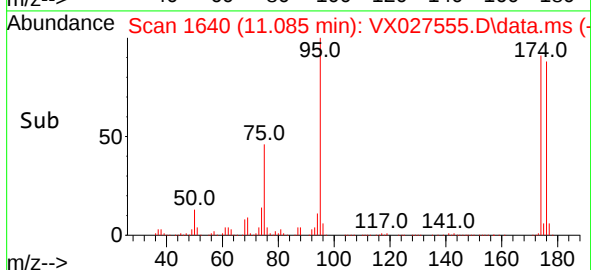
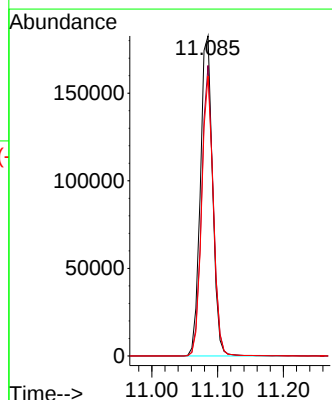
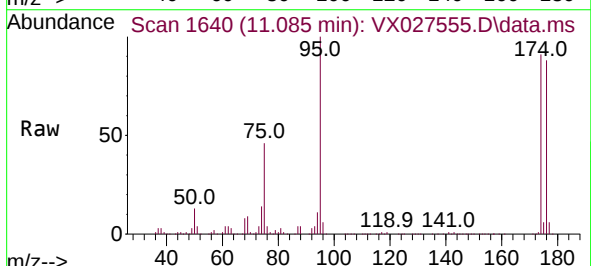
Tgt Ion: 95 Resp: 235235

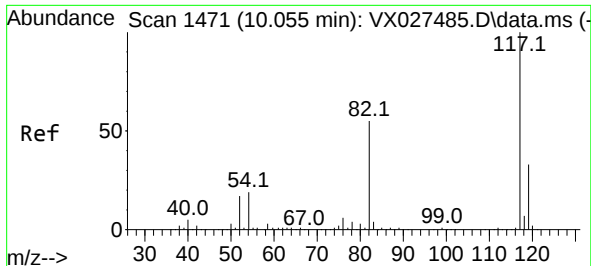
Ion Ratio Lower Upper

95 100

174 86.3 0.0 163.0

176 83.5 0.0 155.0

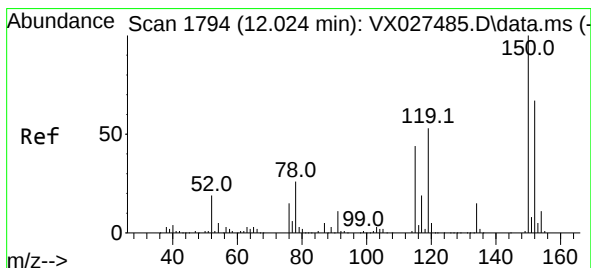
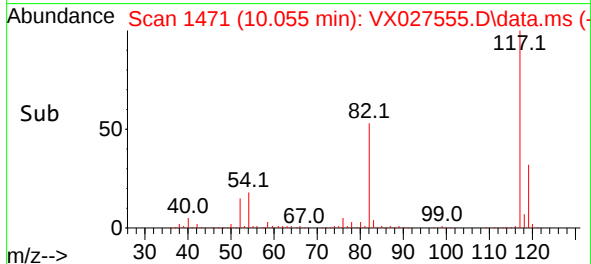
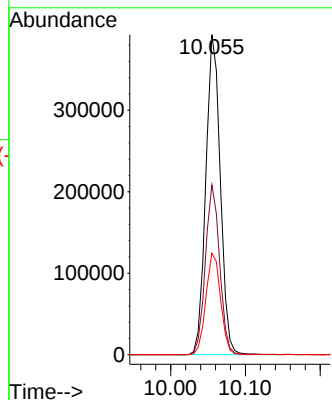
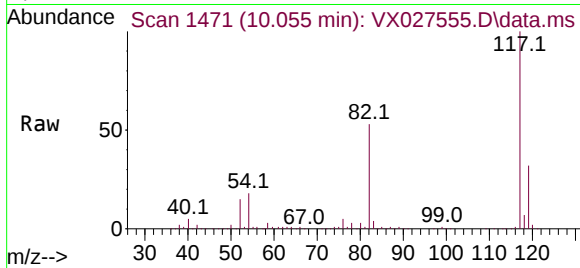




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

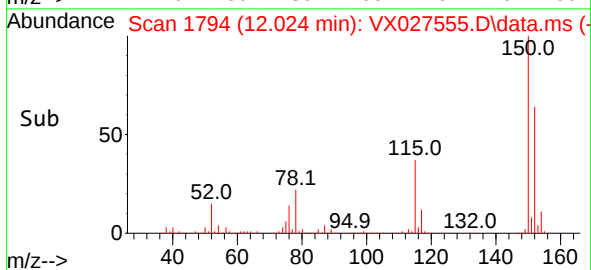
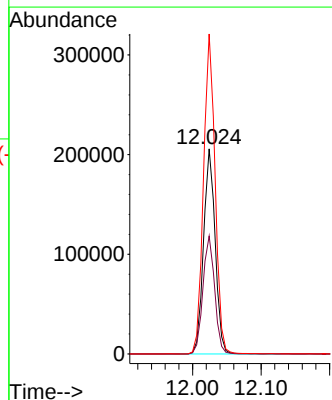
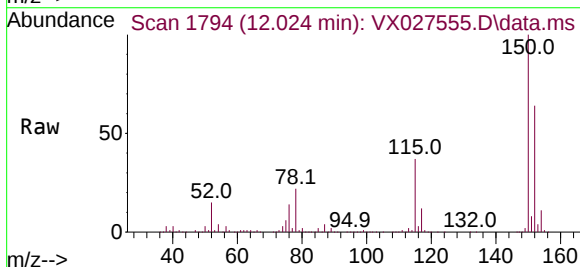
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220315

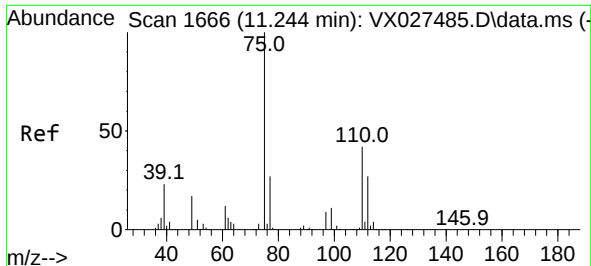
Tgt Ion:117 Resp: 529170
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion:152 Resp: 243373
Ion Ratio Lower Upper
152 100
115 58.1 37.5 112.7
150 156.0 0.0 338.2

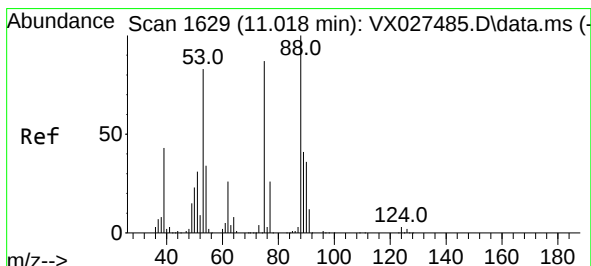
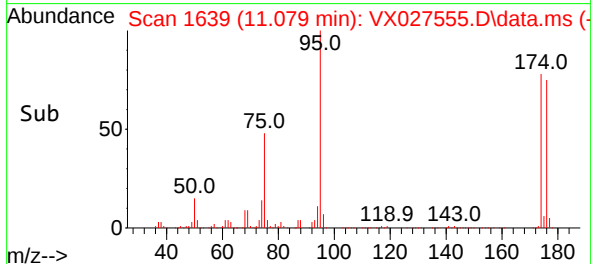
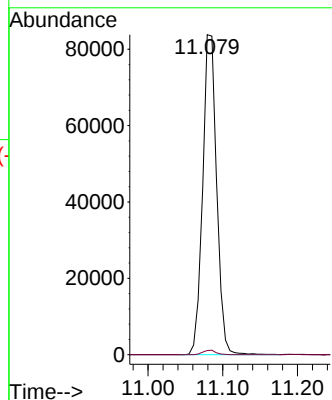
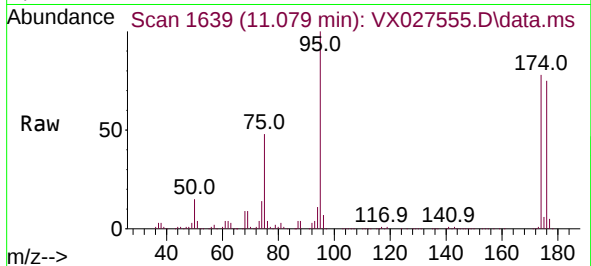




#76
1,2,3-Trichloropropane
Concen: 21.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220315

Tgt Ion: 75 Resp: 109200
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027555.D
Acq: 19 Mar 2022 13:12

Tgt Ion: 75 Resp: 109200
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

