

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030987.D
 Acq On : 31 Aug 2022 18:41
 Operator : JC/MD
 Sample : N4436-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-082922

Quant Time: Sep 06 02:21:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

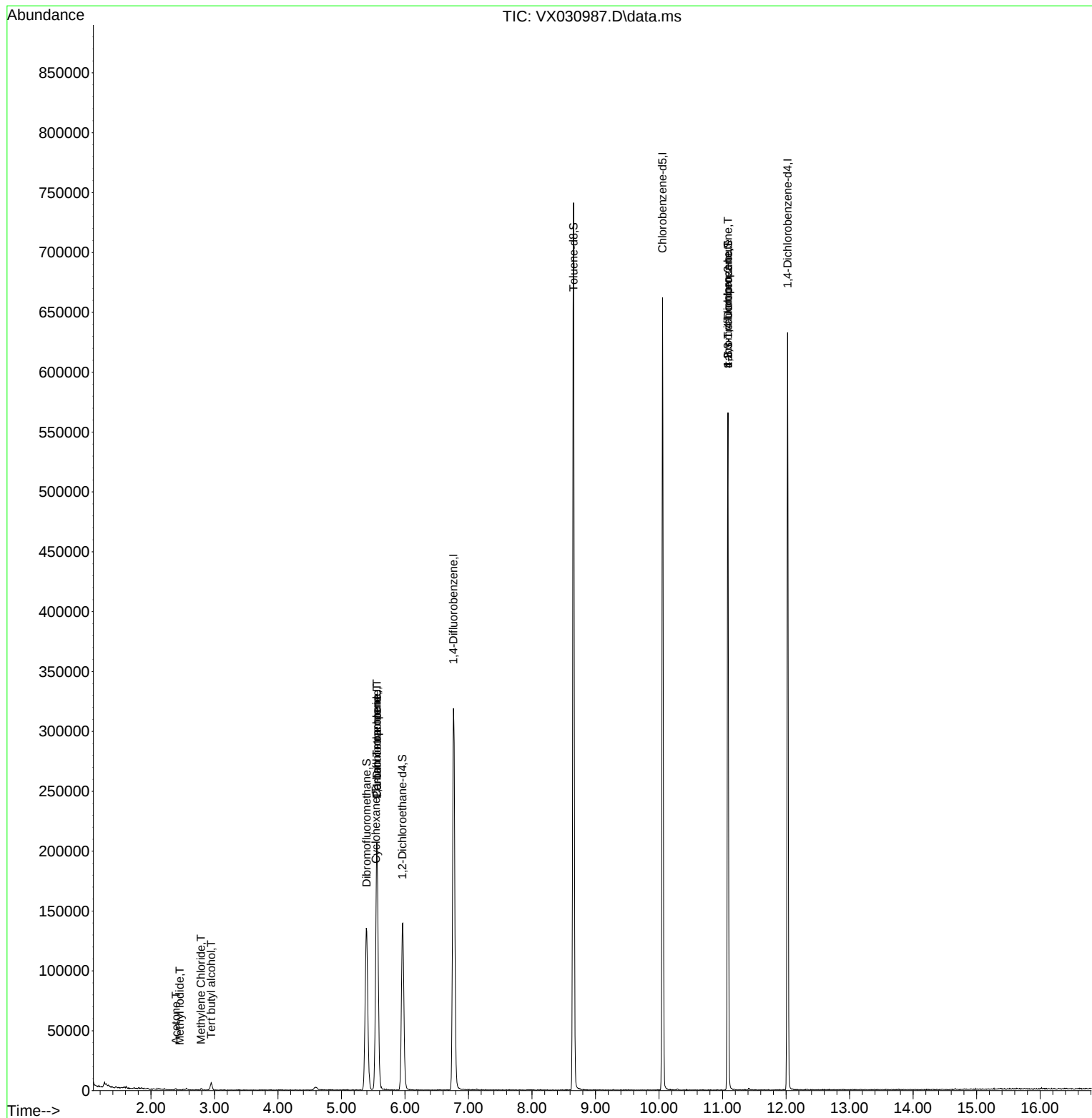
Internal Standards						
1) Pentafluorobenzene	5.556	168	198063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	356457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136928	48.201	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.400%		
35) Dibromofluoromethane	5.397	113	123824	47.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.240%		
50) Toluene-d8	8.653	98	458917	47.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.320%		
62) 4-Bromofluorobenzene	11.085	95	152715	44.070	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.140%		
Target Compounds						
5) Bromomethane	1.611	94	233	Below Cal	Qvalue 94	
10) Methyl Iodide	2.453	142	72	4.405 ug/l #	45	
11) Tert butyl alcohol	2.947	59	3175	4.717 ug/l #	74	
16) Acetone	2.392	43	880	0.686 ug/l #	87	
20) Methylene Chloride	2.788	84	627	0.215 ug/l #	75	
31) Cyclohexane	5.544	56	3460	0.823 ug/l #	1	
36) 1,1-Dichloropropene	5.556	75	14574	3.732 ug/l #	48	
38) Carbon Tetrachloride	5.556	117	20304	5.461 ug/l #	19	
76) 1,2,3-Trichloropropane	11.085	75	69733	19.885 ug/l #	38	
81) trans-1,4-Dichloro-2-b...	11.085	75	69733	59.121 ug/l #	12	

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

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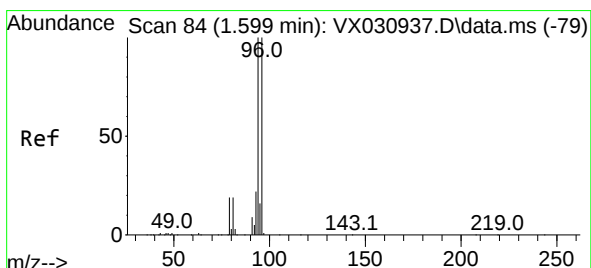
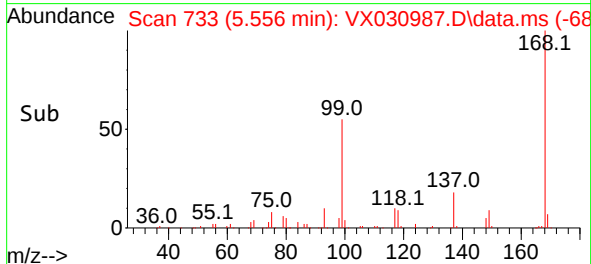
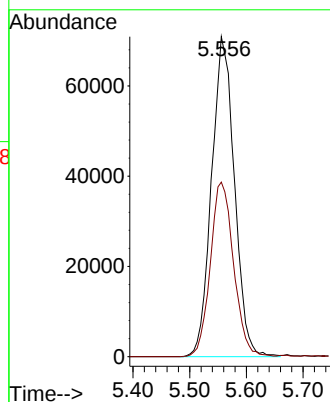
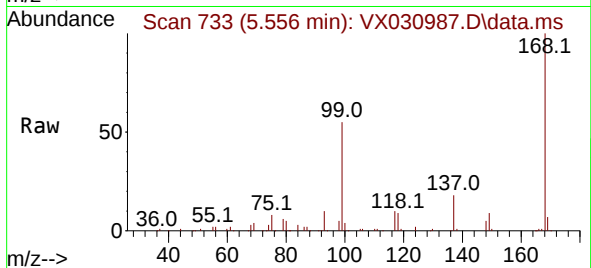




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

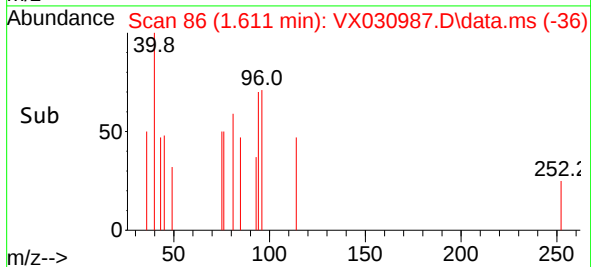
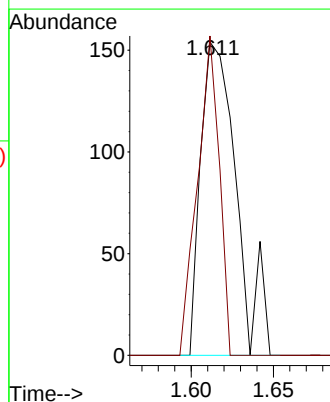
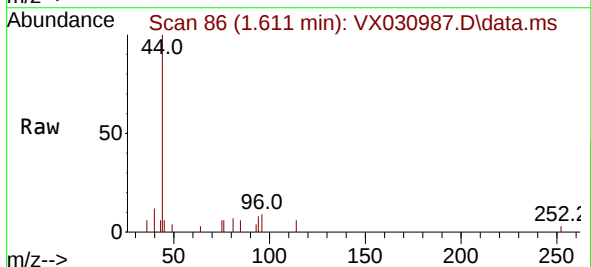
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

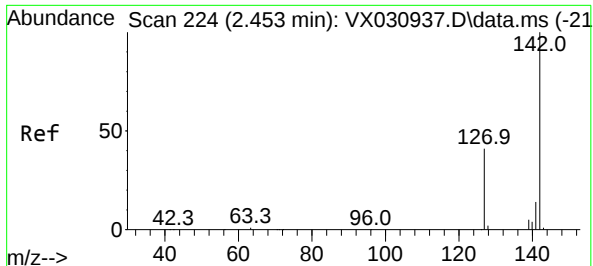
Tgt Ion:168 Resp: 198063
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 101.9 76.9 115.3

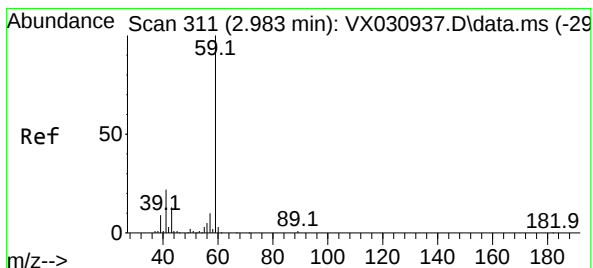
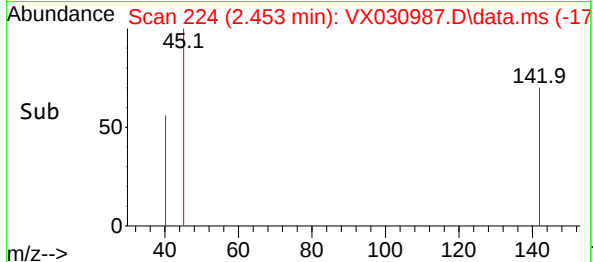
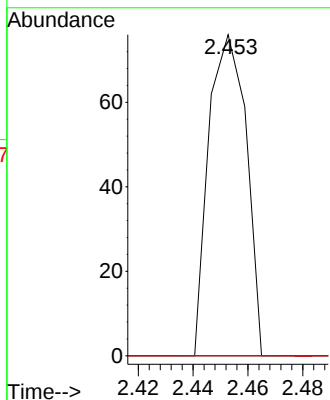
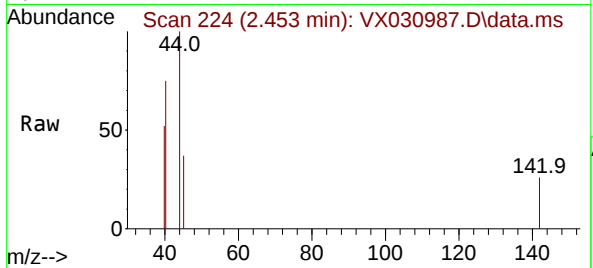




#10
Methyl Iodide
Concen: 4.405 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

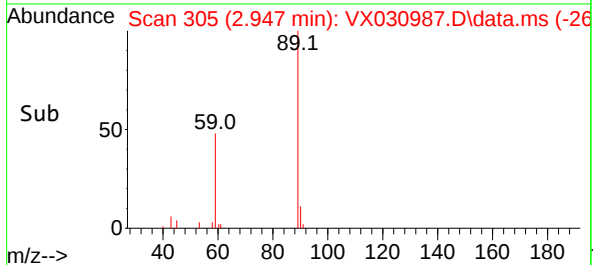
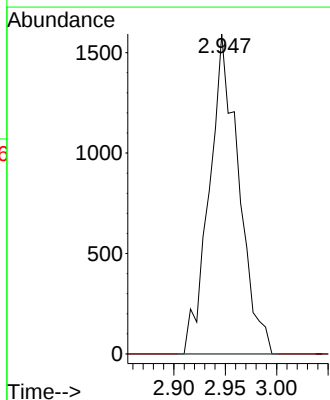
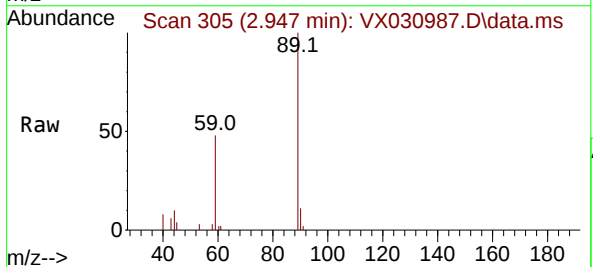
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

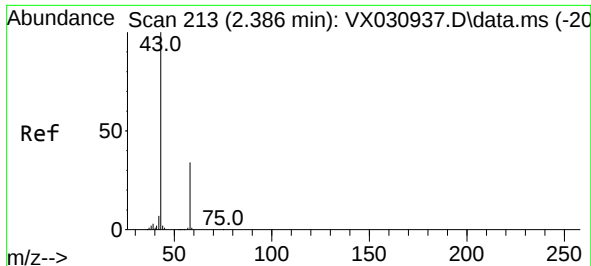
Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.717 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion: 59 Resp: 3175
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 0.686 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030987.D

Acq: 31 Aug 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

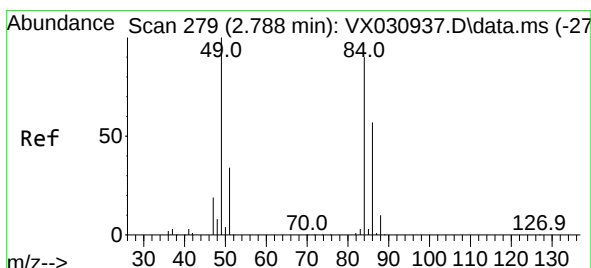
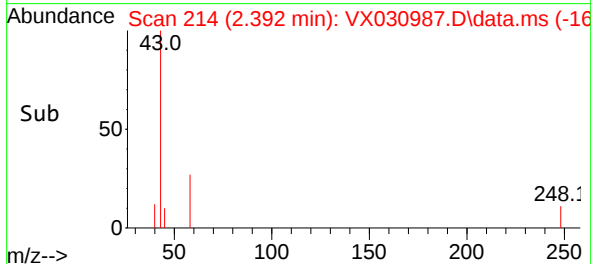
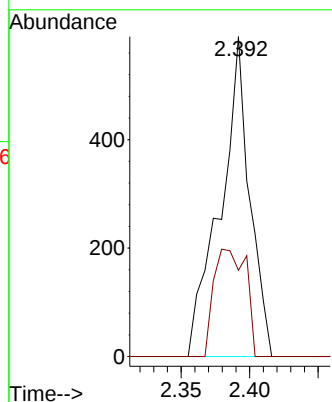
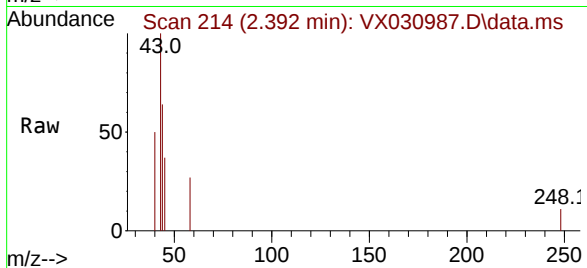
TB-01-082922

Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

58 26.9 27.7 41.5#



#20

Methylene Chloride

Concen: 0.215 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030987.D

Acq: 31 Aug 2022 18:41

Tgt Ion: 84 Resp: 627

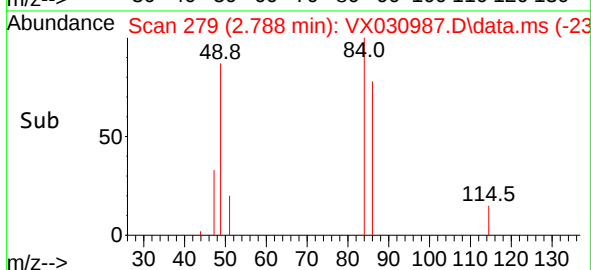
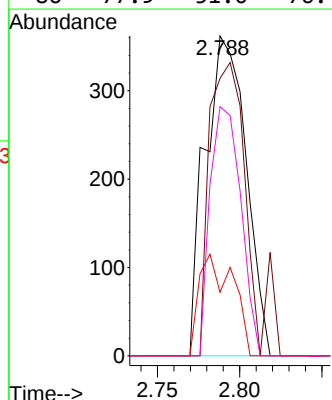
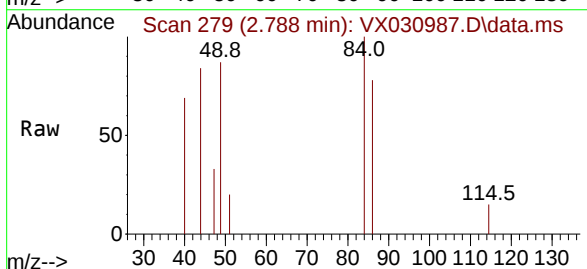
Ion Ratio Lower Upper

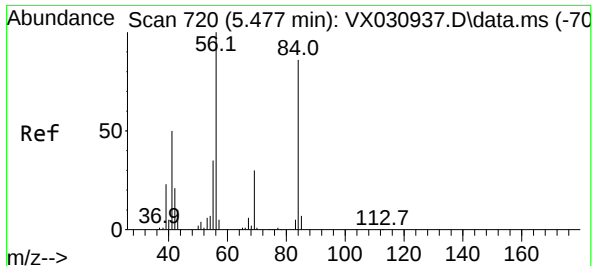
84 100

49 86.7 93.8 140.6#

51 19.9 29.4 44.0#

86 77.9 51.0 76.4#

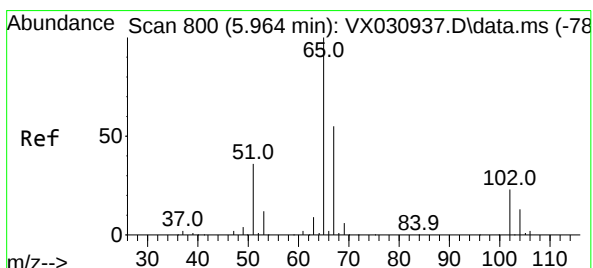
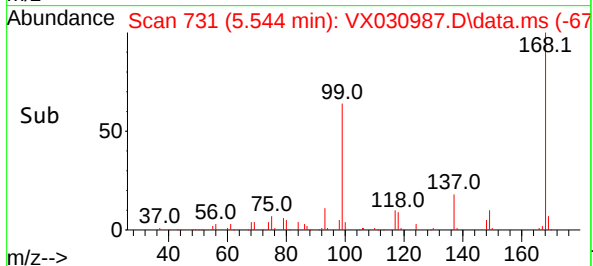
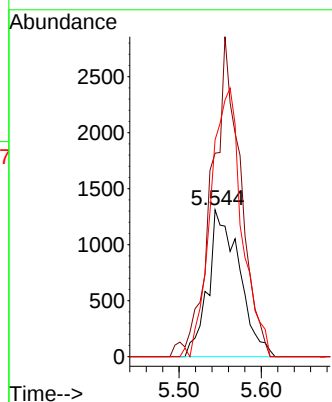
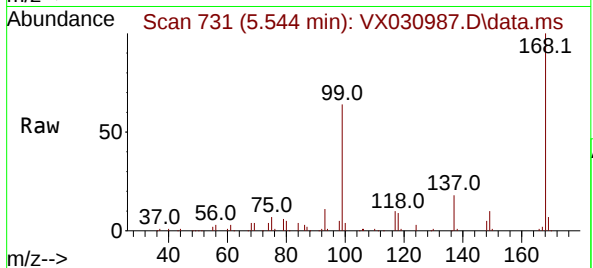




#31
Cyclohexane
Concen: 0.823 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

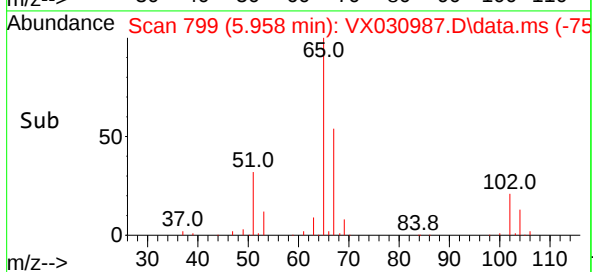
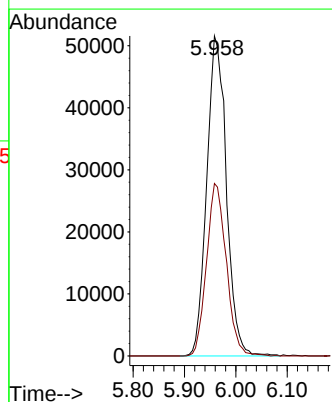
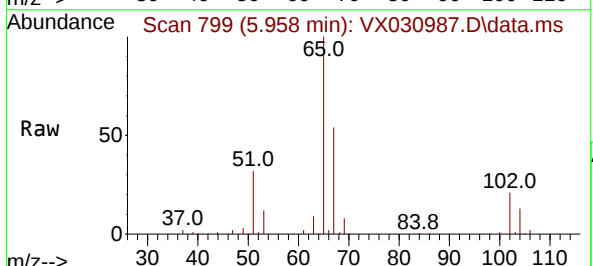
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

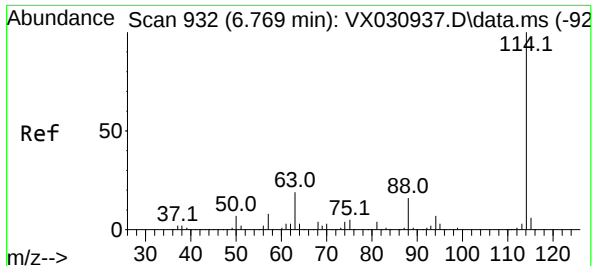
Tgt Ion: 56 Resp: 3460
Ion Ratio Lower Upper
56 100
69 138.6 25.4 38.0#
84 147.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.201 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion: 65 Resp: 136928
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX030987.D

Acq: 31 Aug 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

TB-01-082922

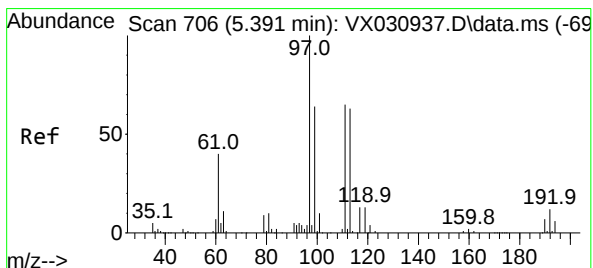
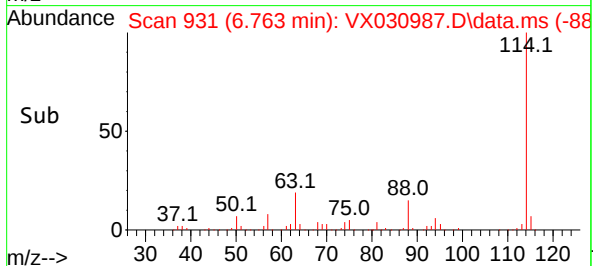
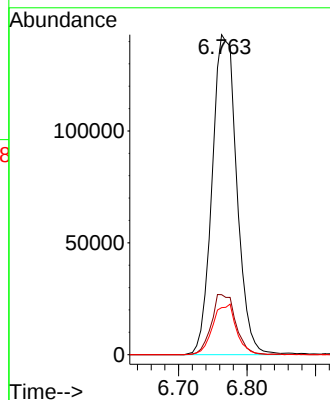
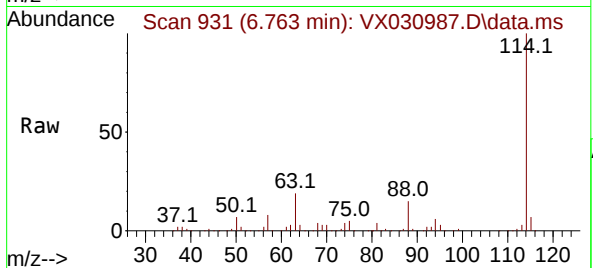
Tgt Ion:114 Resp: 356457

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.124 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX030987.D

Acq: 31 Aug 2022 18:41

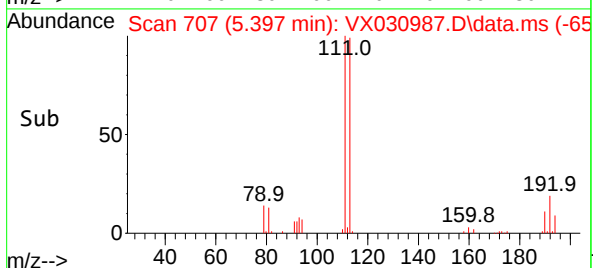
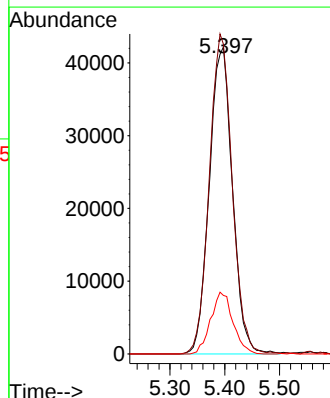
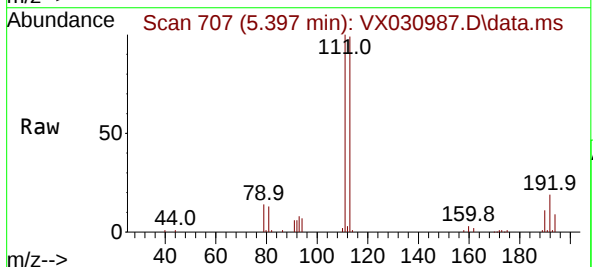
Tgt Ion:113 Resp: 123824

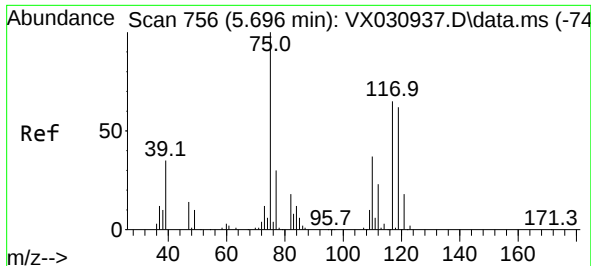
Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

192 19.3 14.8 22.2

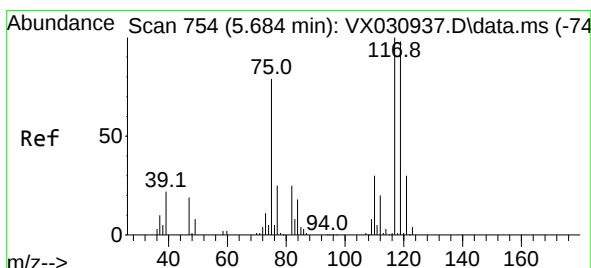
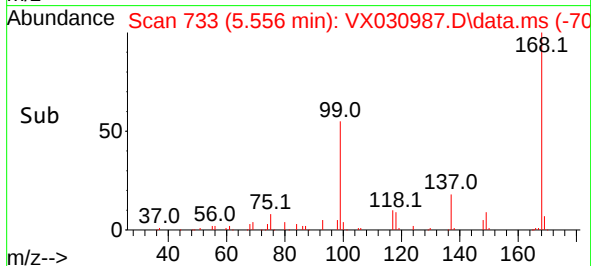
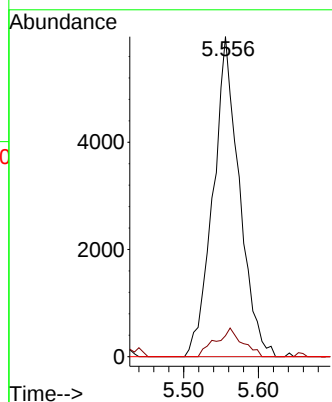
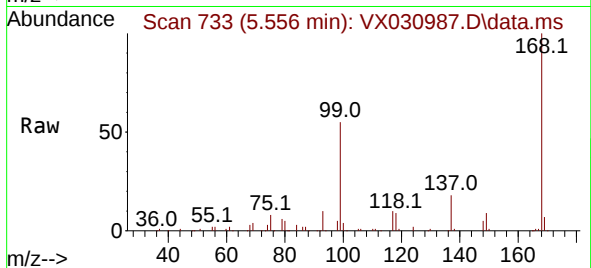




#36
 1,1-Dichloropropene
 Concen: 3.732 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX030987.D
 Acq: 31 Aug 2022 18:41

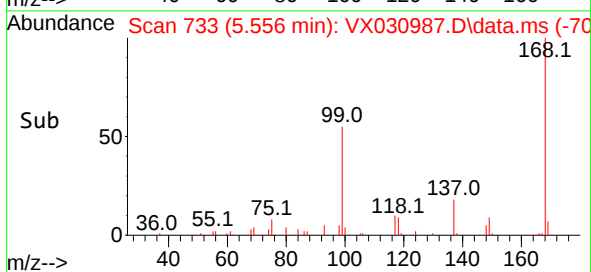
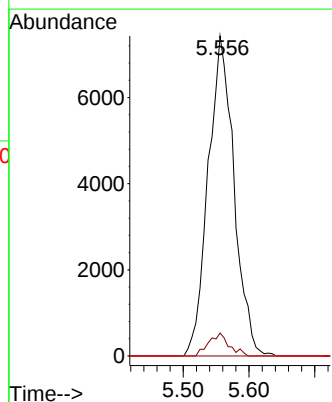
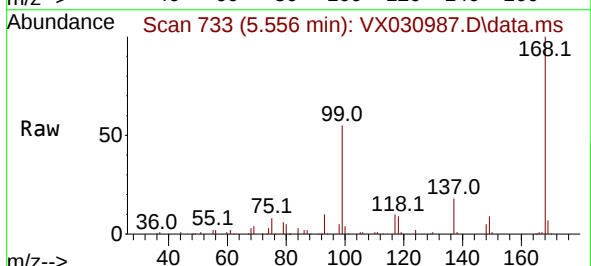
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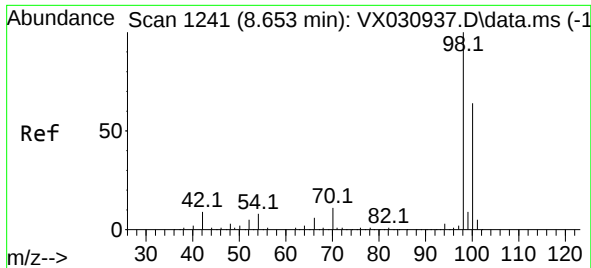
Tgt Ion: 75 Resp: 14574
 Ion Ratio Lower Upper
 75 100
 110 9.0 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.461 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX030987.D
 Acq: 31 Aug 2022 18:41

Tgt Ion: 117 Resp: 20304
 Ion Ratio Lower Upper
 117 100
 119 7.2 74.1 111.1#
 121 0.0 25.8 38.8#

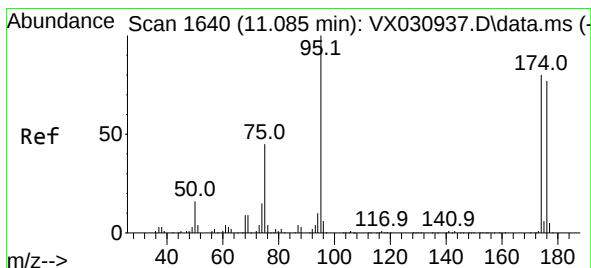
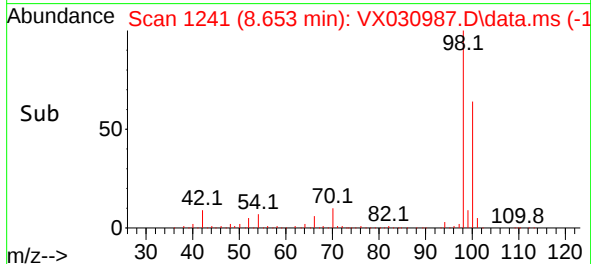
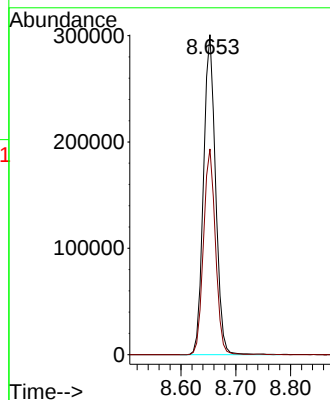
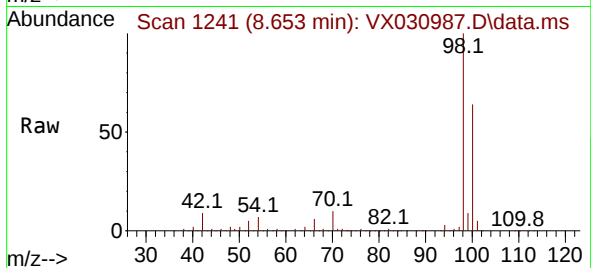




#50
Toluene-d8
Concen: 47.160 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

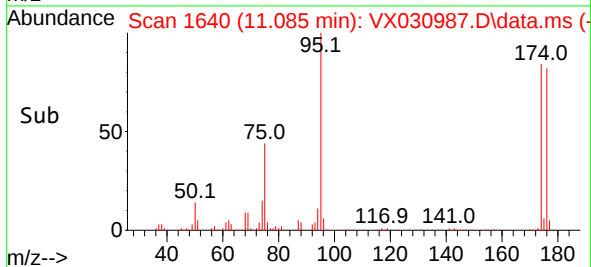
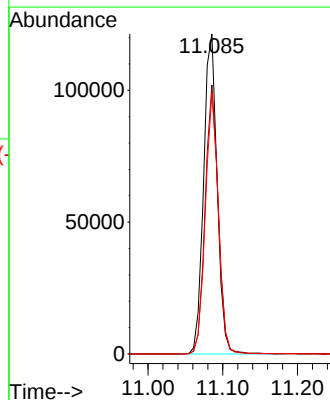
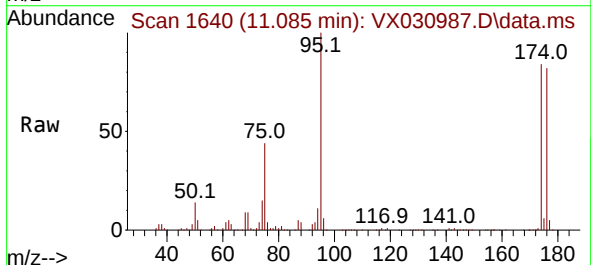
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

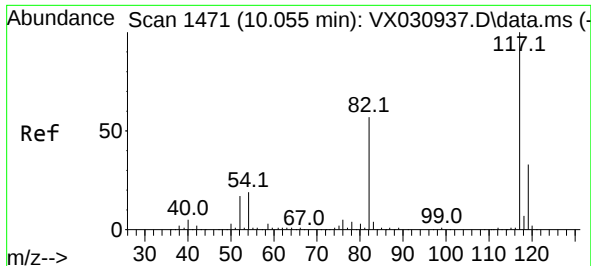
Tgt Ion: 98 Resp: 458917
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.070 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion: 95 Resp: 152715
Ion Ratio Lower Upper
95 100
174 81.4 0.0 149.0
176 78.6 0.0 146.0

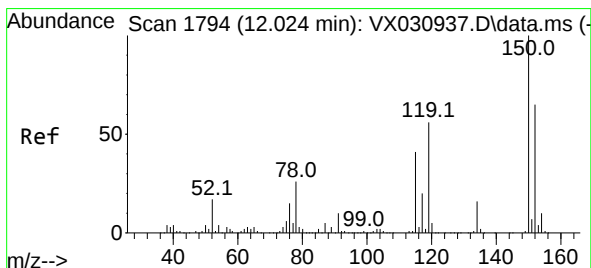
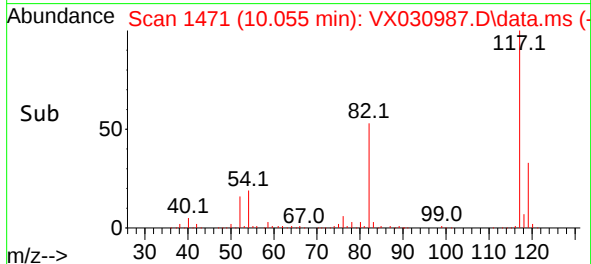
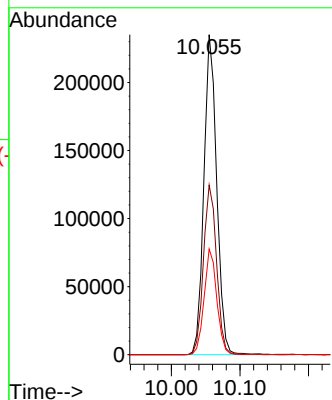
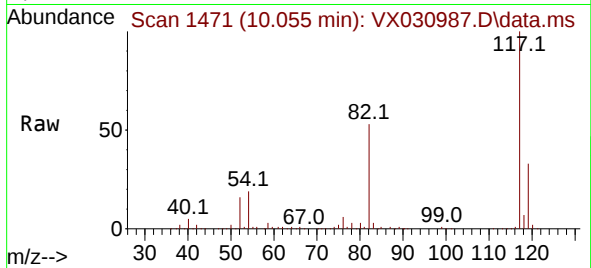




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

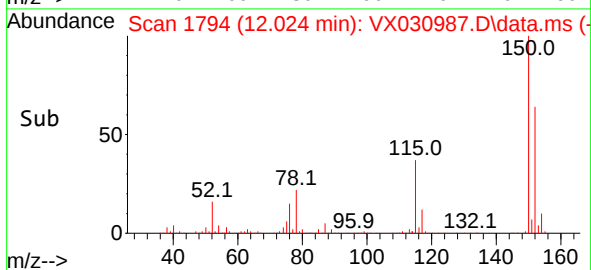
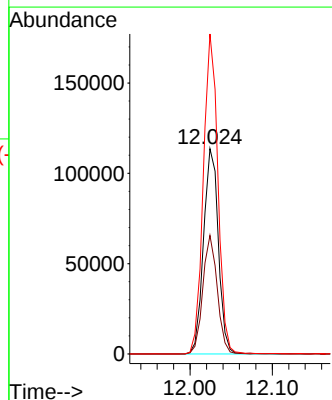
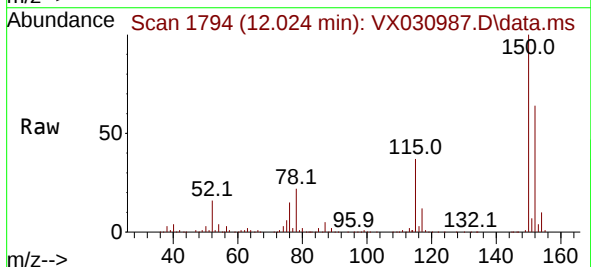
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

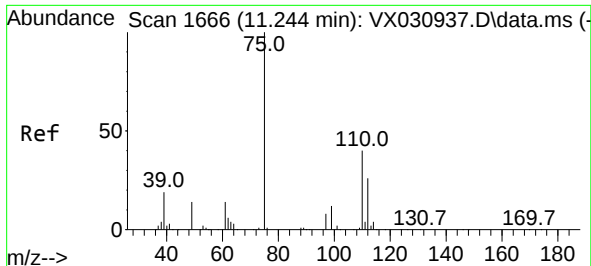
Tgt Ion:117 Resp: 307065
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion:152 Resp: 142445
Ion Ratio Lower Upper
152 100
115 56.1 40.5 121.5
150 153.0 0.0 347.0

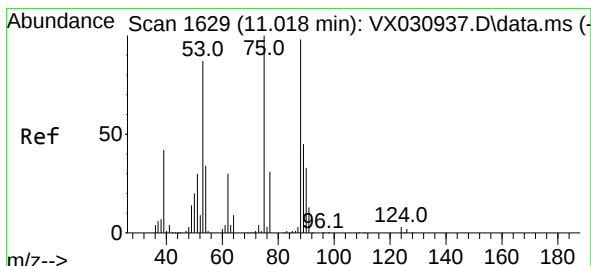
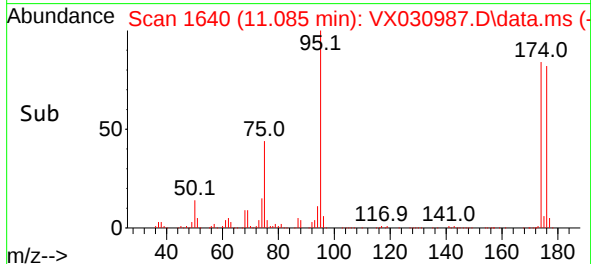
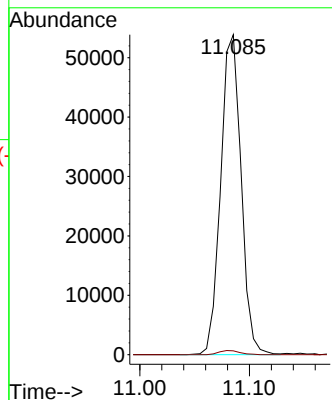
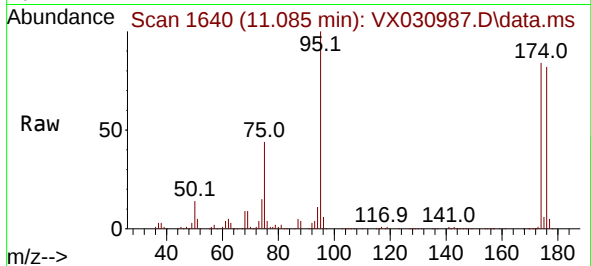




#76
1,2,3-Trichloropropane
Concen: 19.885 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

Tgt Ion: 75 Resp: 69733
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.121 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion: 75 Resp: 69733
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

