

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030242.D
 Acq On : 27 Jul 2022 19:22
 Operator : JC/MD
 Sample : N3884-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-07-25

Quant Time: Jul 28 05:53:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

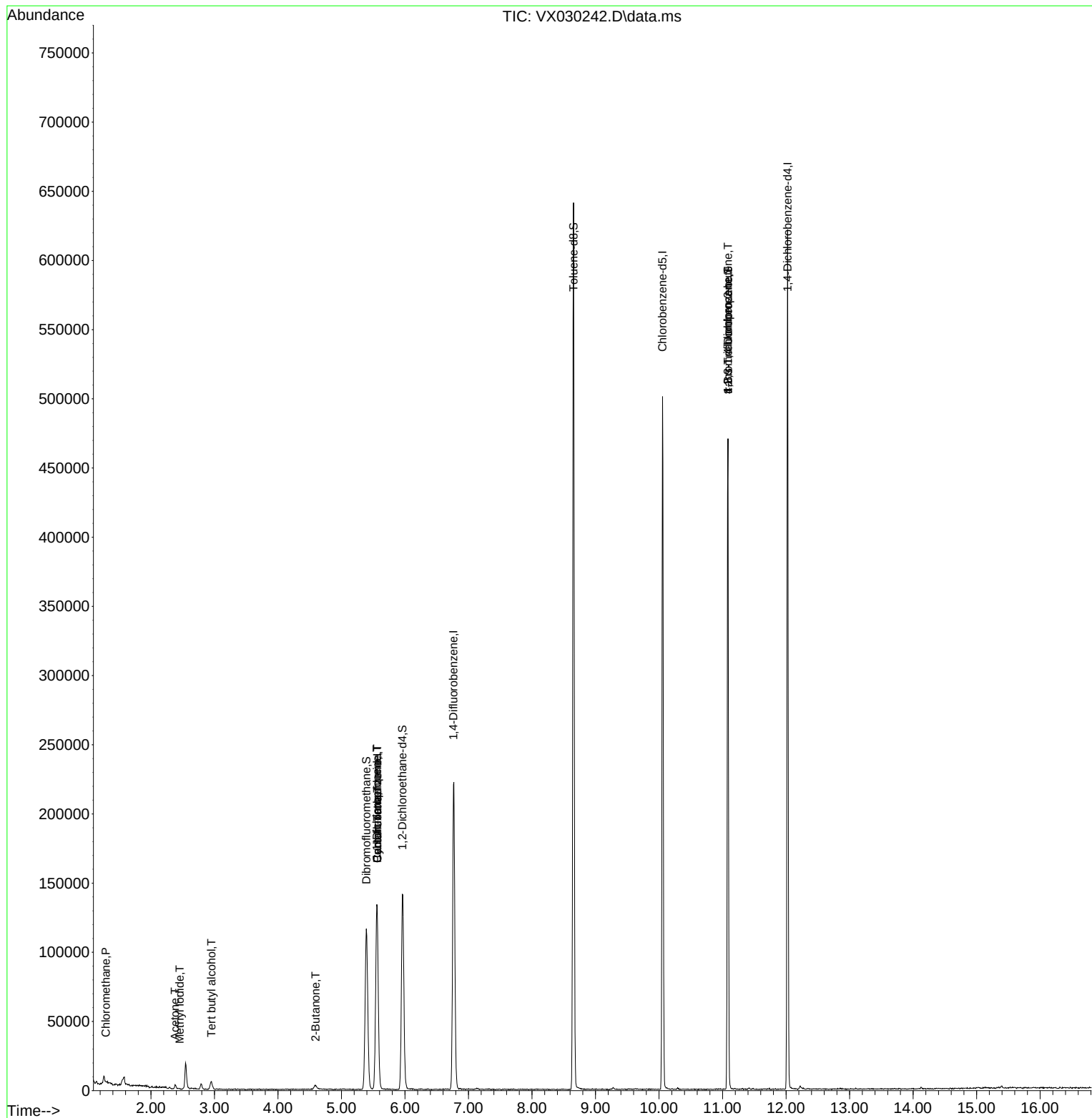
Internal Standards						
1) Pentafluorobenzene	5.562	168	124546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131581	52.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.120%	
35) Dibromofluoromethane	5.391	113	103389	48.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.960%	
50) Toluene-d8	8.653	98	371585	44.995	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.000%	
62) 4-Bromofluorobenzene	11.085	95	128930	42.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	462	0.229	ug/l #	42
5) Bromomethane	1.611	94	186	Below Cal	#	33
10) Methyl Iodide	2.453	142	45	1.547	ug/l #	45
11) Tert butyl alcohol	2.953	59	3648	5.974	ug/l #	76
16) Acetone	2.380	43	3049	2.379	ug/l	93
20) Methylene Chloride	2.788	84	1795	Below Cal	#	93
25) 2-Butanone	4.593	43	829	0.385	ug/l #	48
31) Cyclohexane	5.562	56	2907	0.800	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10850	3.536	ug/l #	48
38) Carbon Tetrachloride	5.562	117	12950	4.520	ug/l #	17
67) Ethyl Benzene	10.201	91	72	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	66714	20.979	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66714	62.936	ug/l #	13

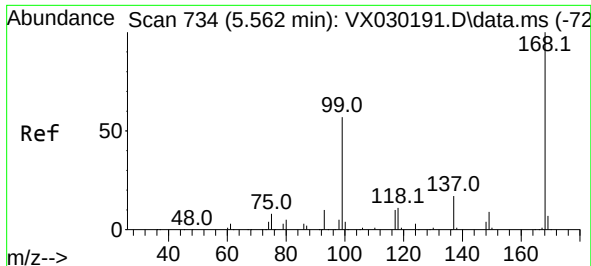
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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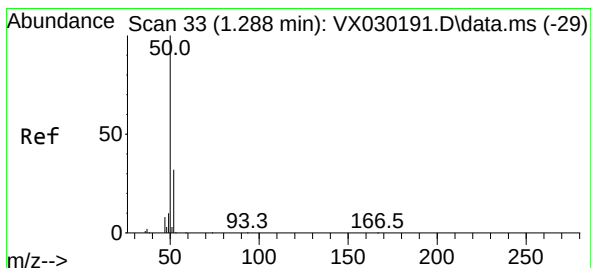
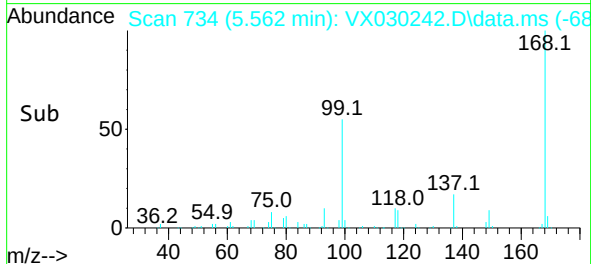
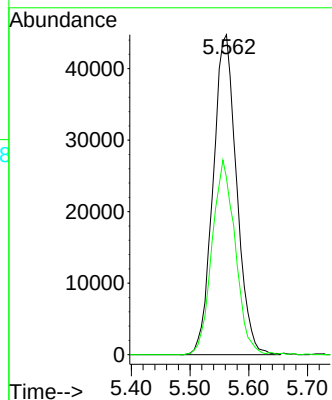
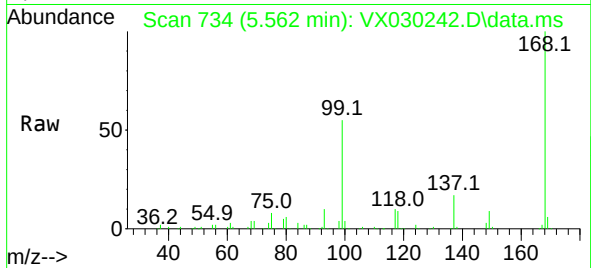




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

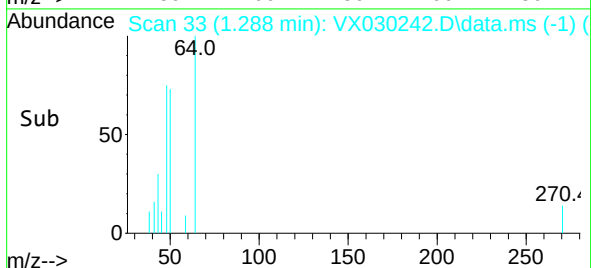
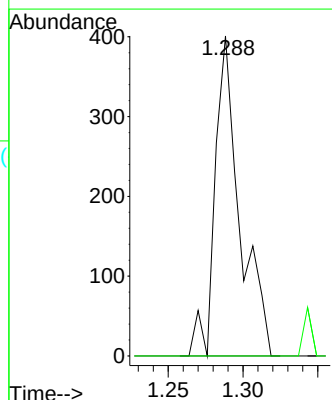
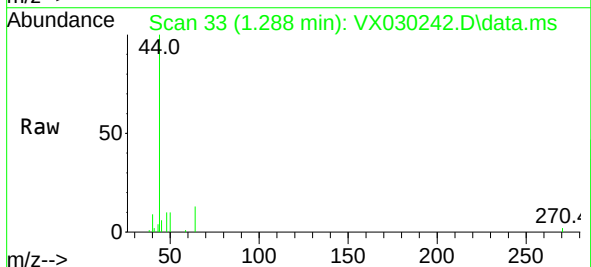
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-25

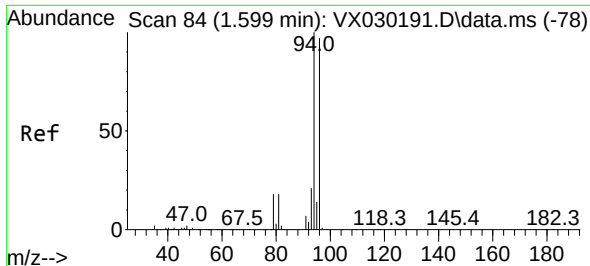
Tgt Ion:168 Resp: 124546
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion: 50 Resp: 462
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

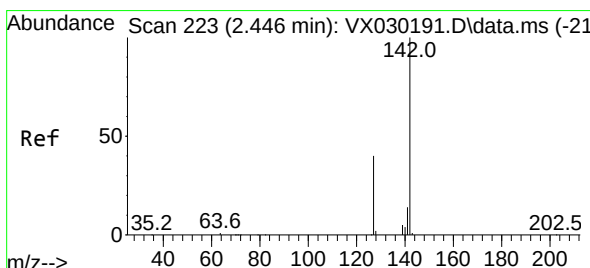
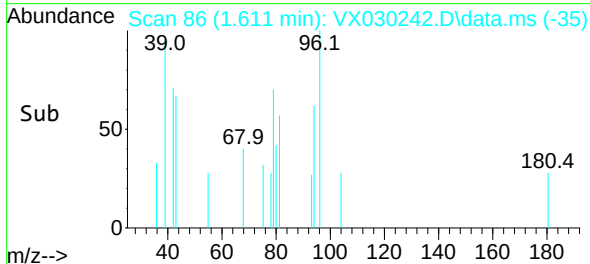
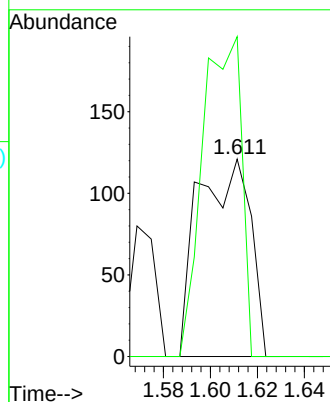
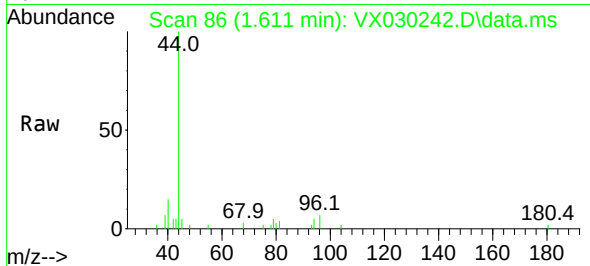




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

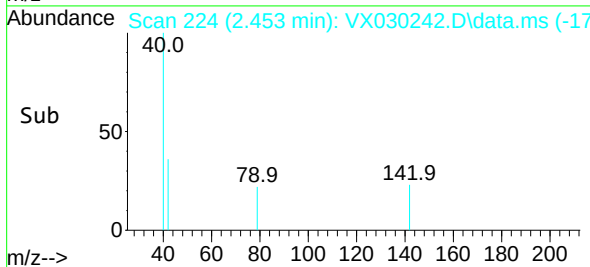
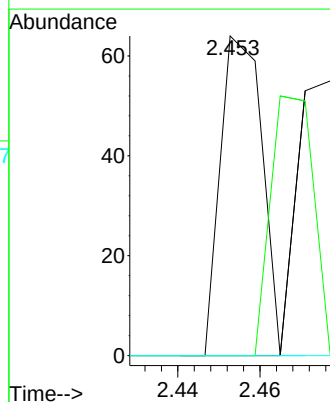
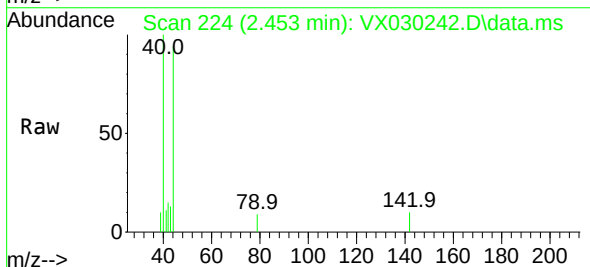
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-25

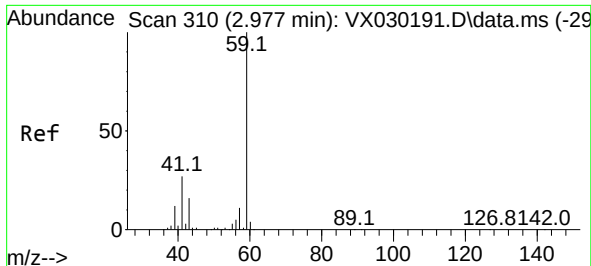
Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 162.0 76.9 115.3#



#10
Methyl Iodide
Concen: 1.547 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion: 142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

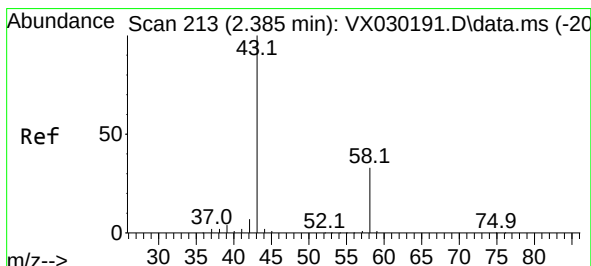
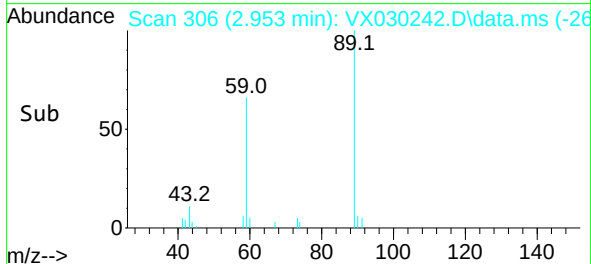
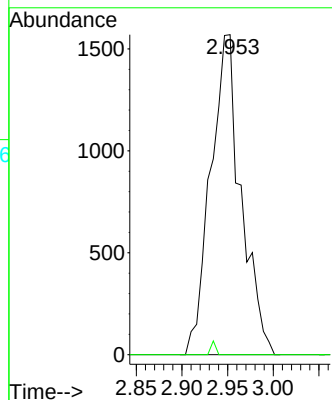
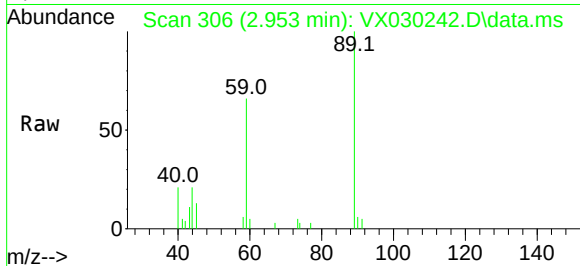




#11
Tert butyl alcohol
Concen: 5.974 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

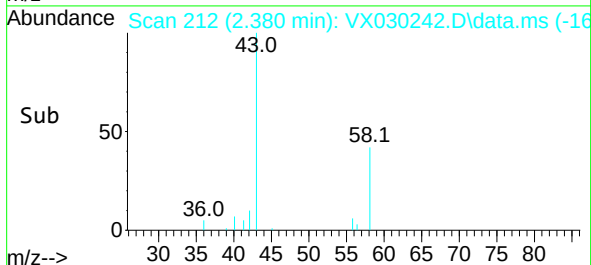
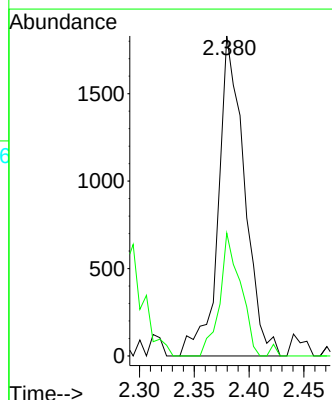
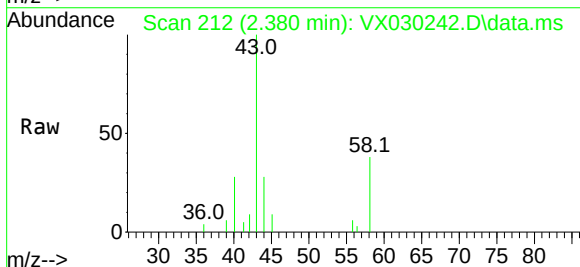
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-25

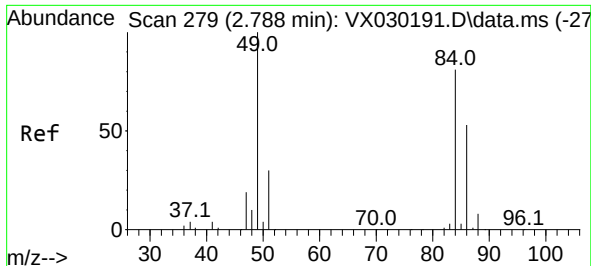
Tgt Ion: 59 Resp: 3648
Ion Ratio Lower Upper
59 100
57 0.7 7.4 11.2#



#16
Acetone
Concen: 2.379 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion: 43 Resp: 3049
Ion Ratio Lower Upper
43 100
58 38.4 27.7 41.5

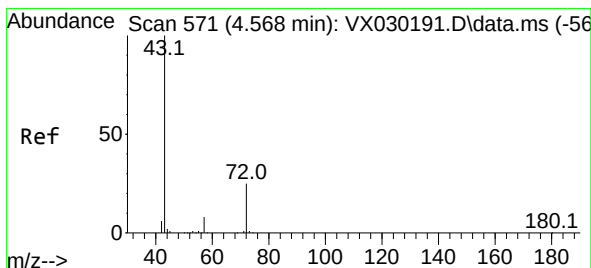
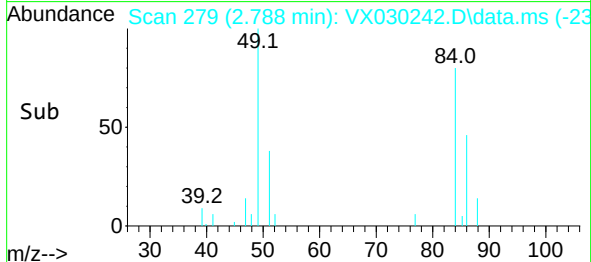
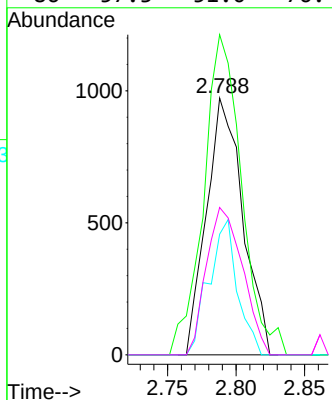
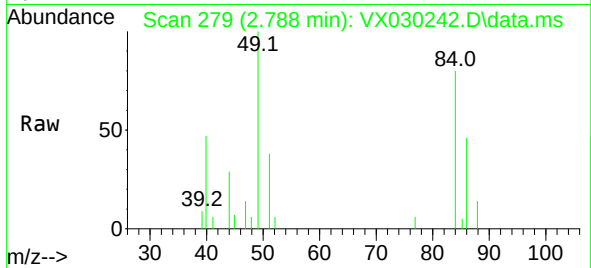




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

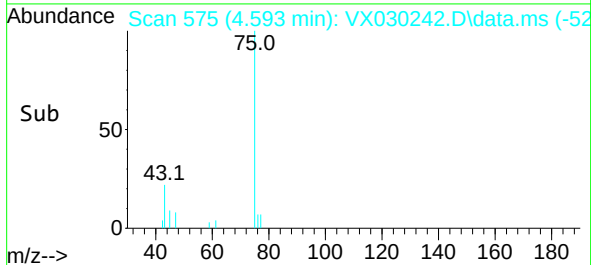
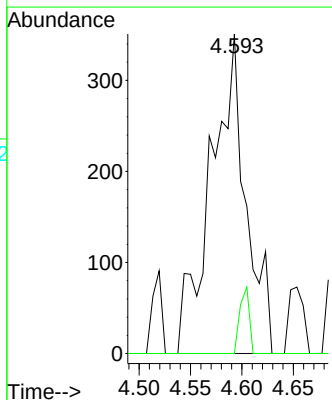
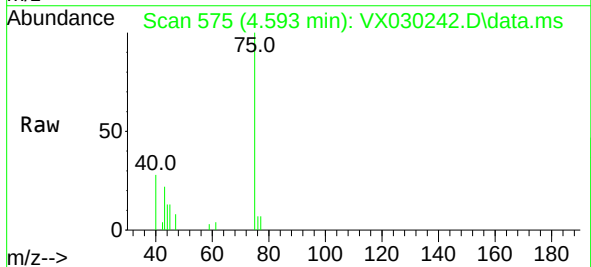
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-25

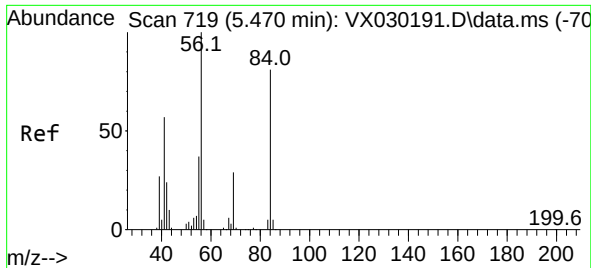
Tgt Ion: 84	Resp: 1795
Ion Ratio	Lower Upper
84 100	
49 114.1	93.8 140.6
51 47.0	29.4 44.0#
86 57.3	51.0 76.4



#25
2-Butanone
Concen: 0.385 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion: 43	Resp: 829
Ion Ratio	Lower Upper
43 100	
72 0.0	21.7 32.5#

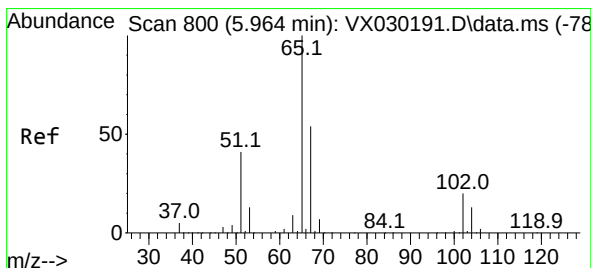
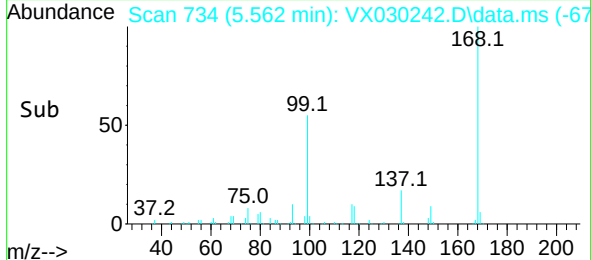
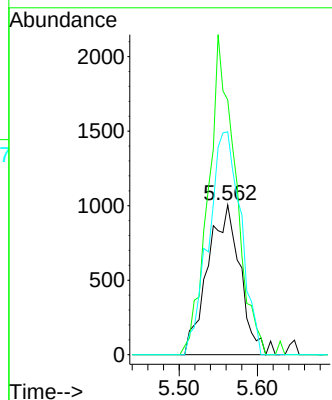
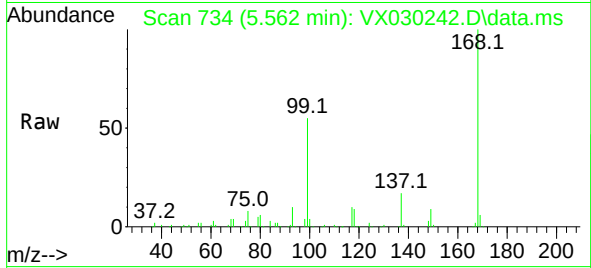




#31
Cyclohexane
Concen: 0.800 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

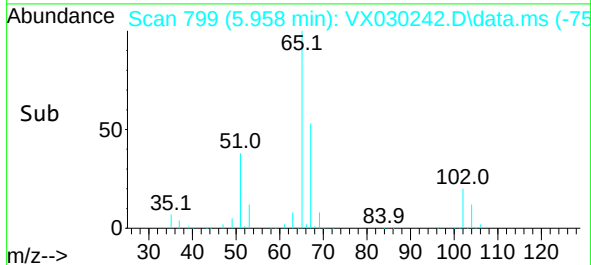
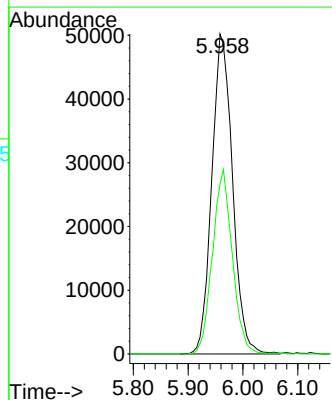
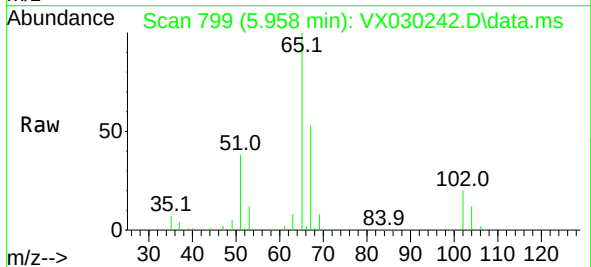
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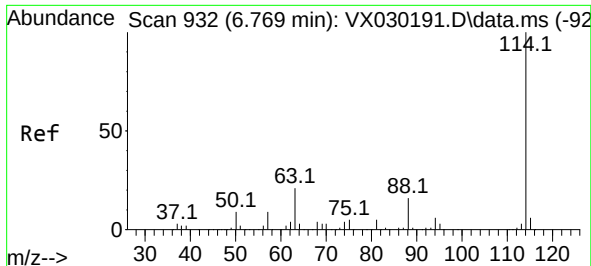
Tgt Ion: 56 Resp: 2907
Ion Ratio Lower Upper
56 100
69 170.1 25.4 38.0#
84 148.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.563 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion: 65 Resp: 131581
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

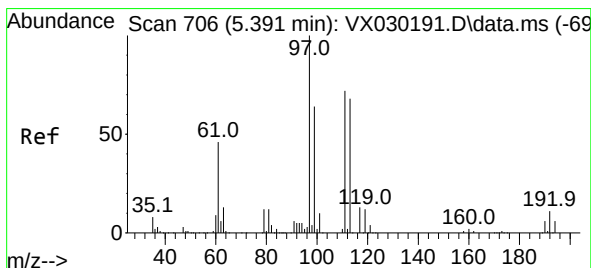
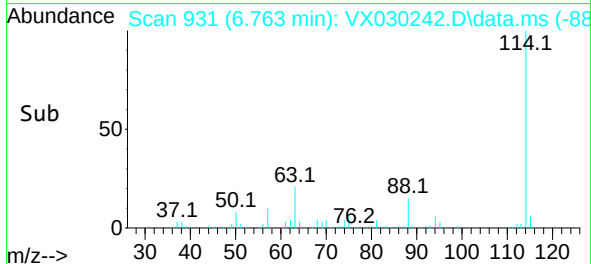
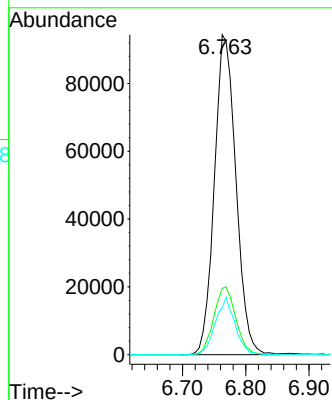
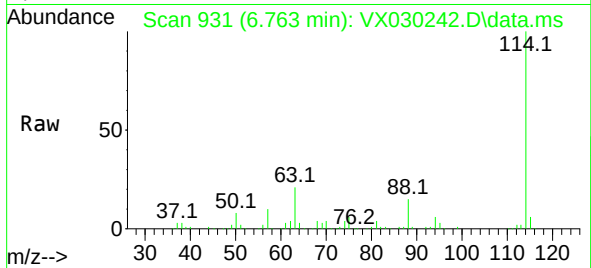




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

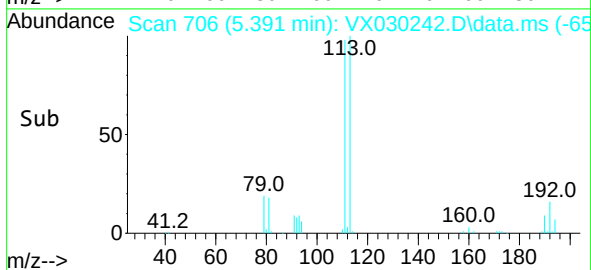
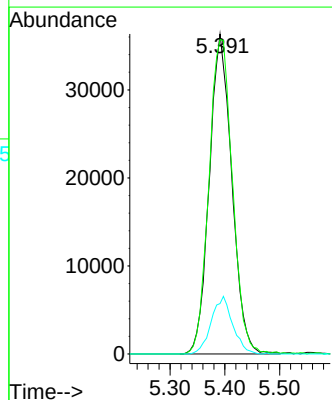
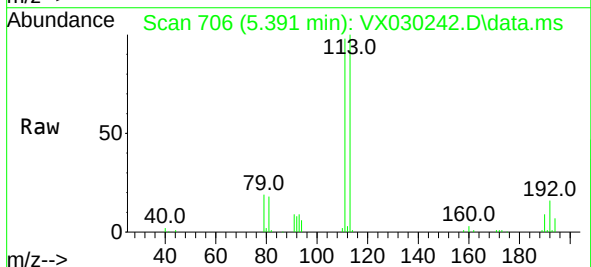
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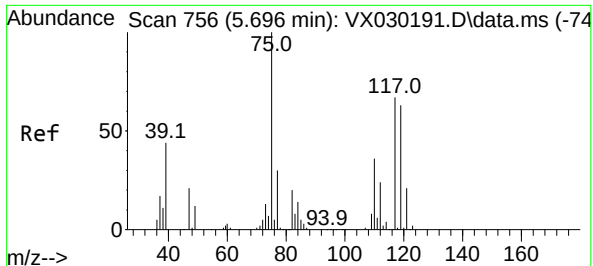
Tgt Ion:114 Resp: 223073
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.483 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion:113 Resp: 103389
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.536 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX030242.D

Acq: 27 Jul 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-07-25

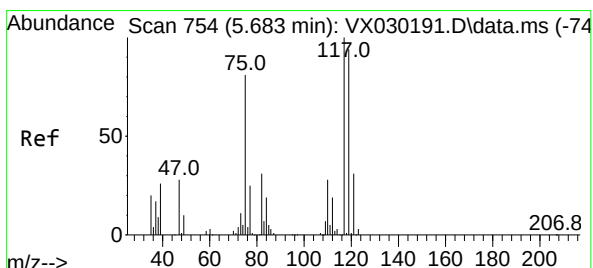
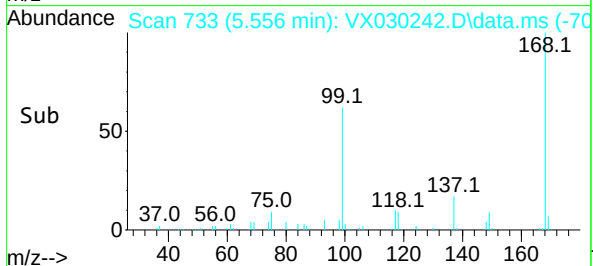
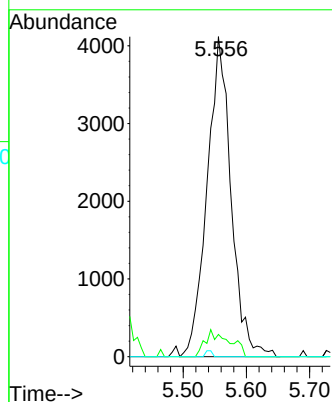
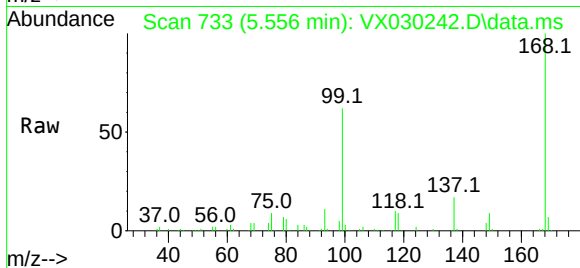
Tgt Ion: 75 Resp: 10850

Ion Ratio Lower Upper

75 100

110 8.3 19.3 57.9#

77 0.5 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.520 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.121 min

Lab File: VX030242.D

Acq: 27 Jul 2022 19:22

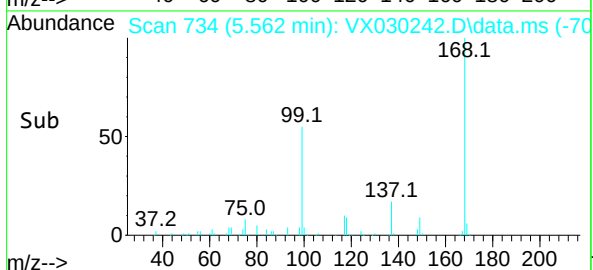
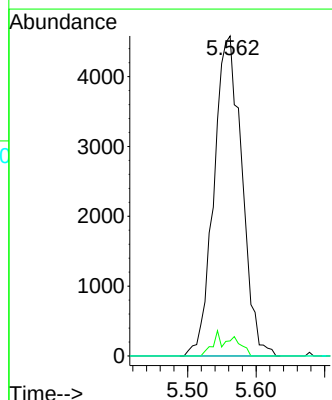
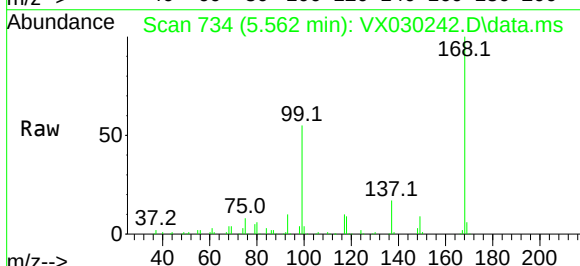
Tgt Ion: 117 Resp: 12950

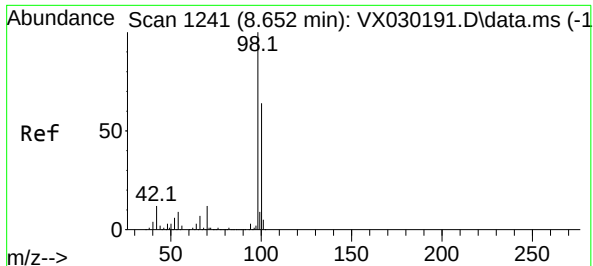
Ion Ratio Lower Upper

117 100

119 4.7 74.1 111.1#

121 0.0 25.8 38.8#

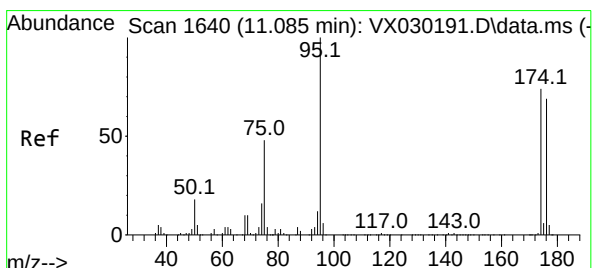
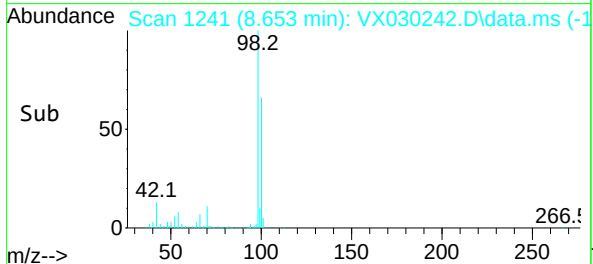
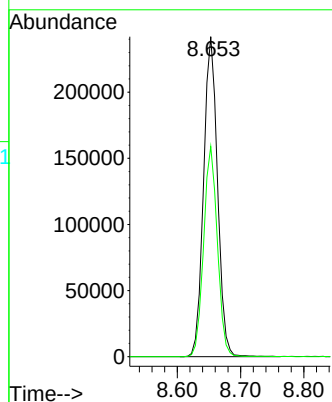
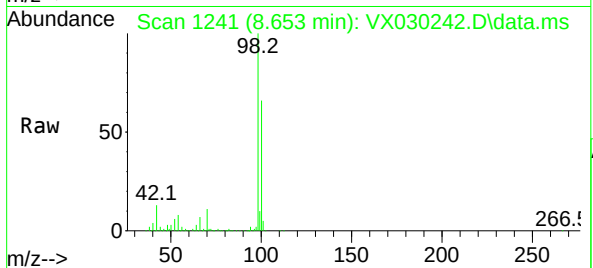




#50
Toluene-d8
Concen: 44.995 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

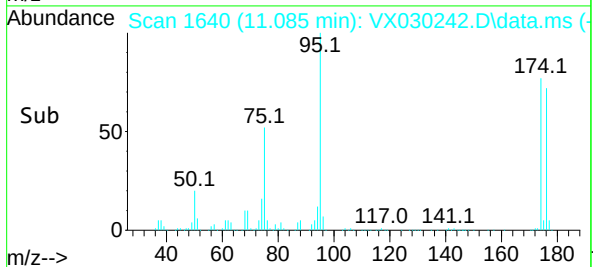
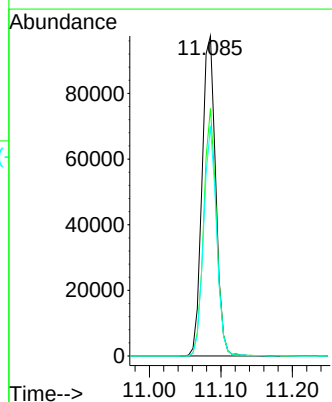
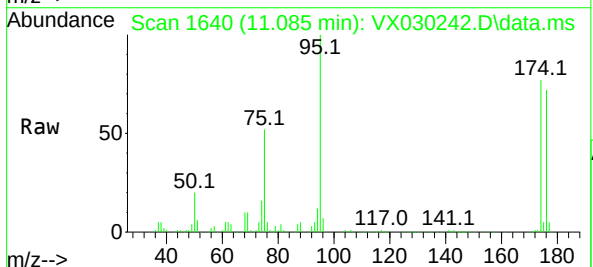
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-25

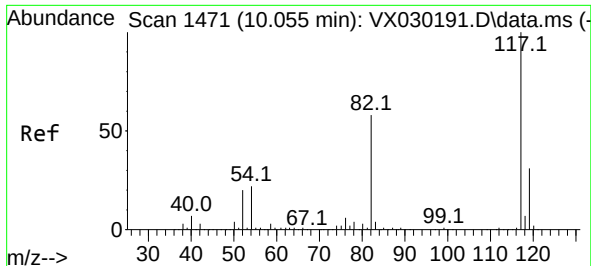
Tgt Ion: 98 Resp: 371585
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.067 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion: 95 Resp: 128930
Ion Ratio Lower Upper
95 100
174 72.7 0.0 149.0
176 68.3 0.0 146.0

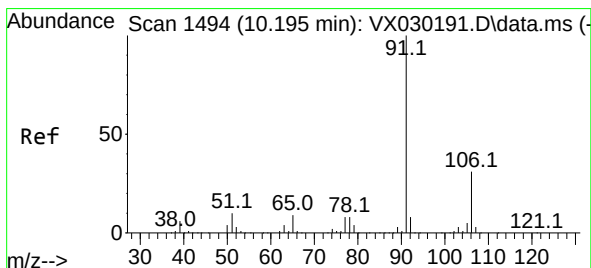
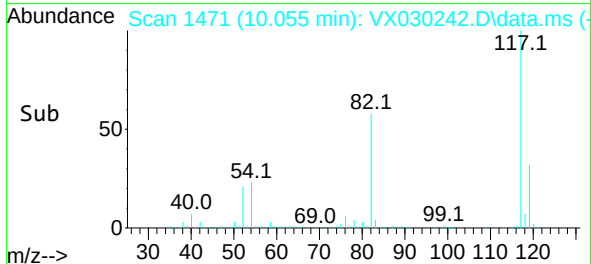
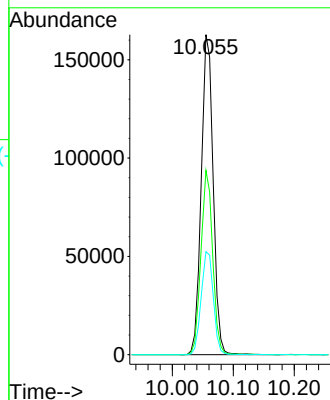
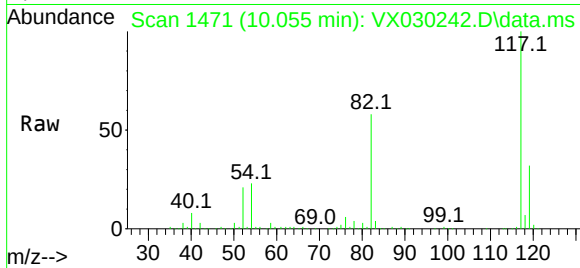




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

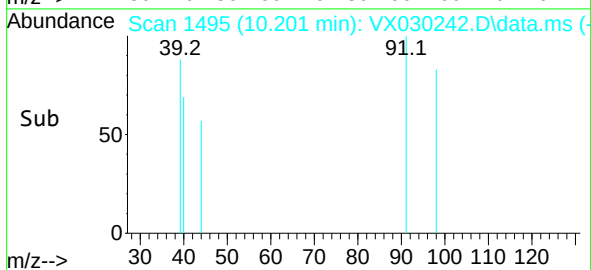
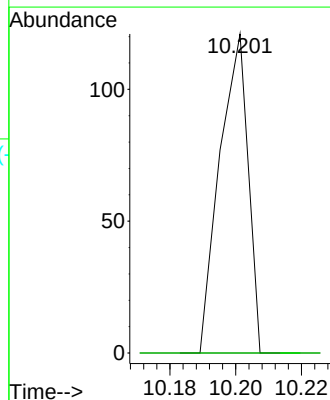
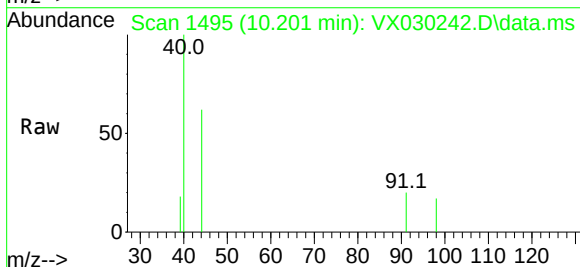
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-07-25

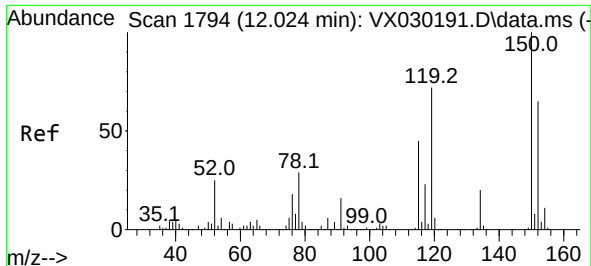
Tgt Ion:117 Resp: 221274
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030242.D
Acq: 27 Jul 2022 19:22

Tgt Ion: 91 Resp: 72
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

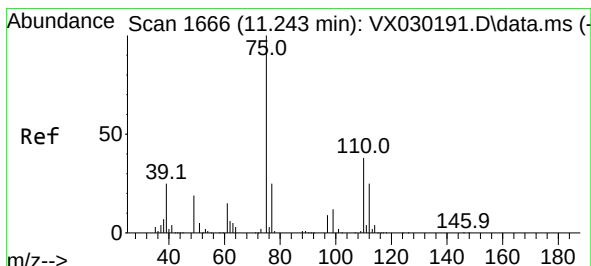
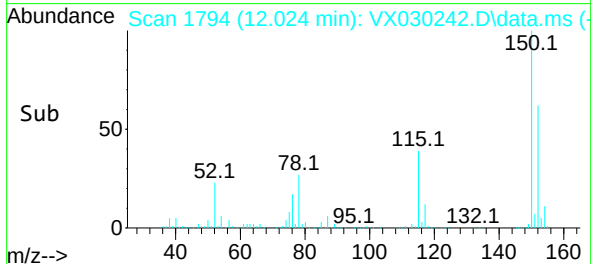
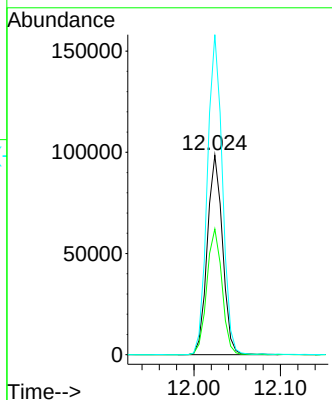
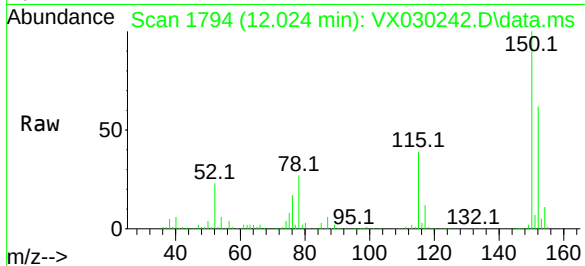




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030242.D
 Acq: 27 Jul 2022 19:22

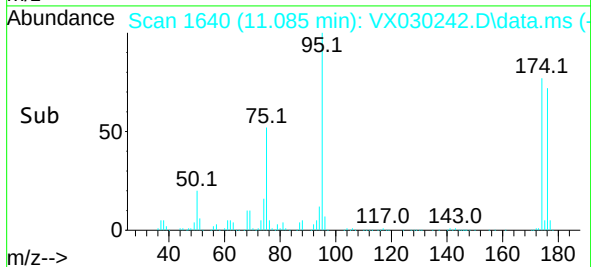
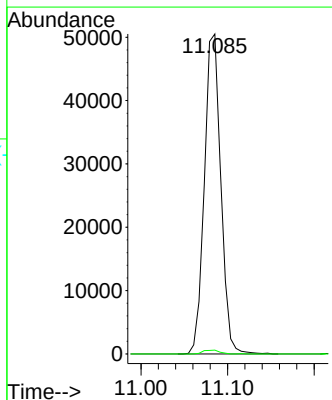
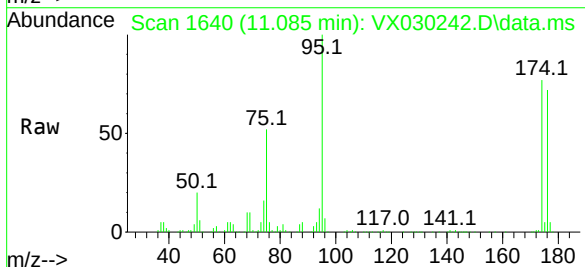
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-07-25

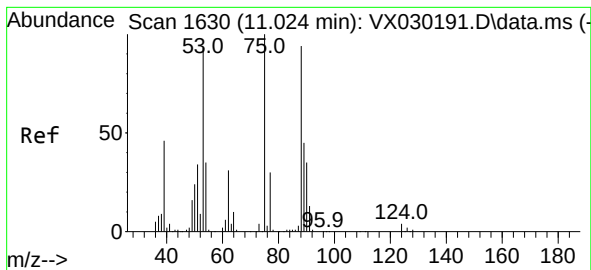
Tgt Ion:152 Resp: 120640
 Ion Ratio Lower Upper
 152 100
 115 62.7 40.5 121.5
 150 157.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.979 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030242.D
 Acq: 27 Jul 2022 19:22

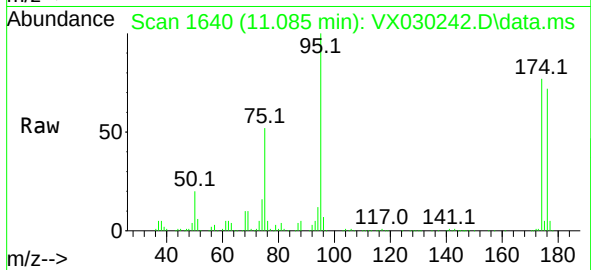
Tgt Ion: 75 Resp: 66714
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.936 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030242.D
 Acq: 27 Jul 2022 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-07-25



Tgt Ion: 75 Resp: 66714
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

