

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028502.D
 Acq On : 03 May 2022 15:29
 Operator : JC/MD
 Sample : N2665-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 04 06:05:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

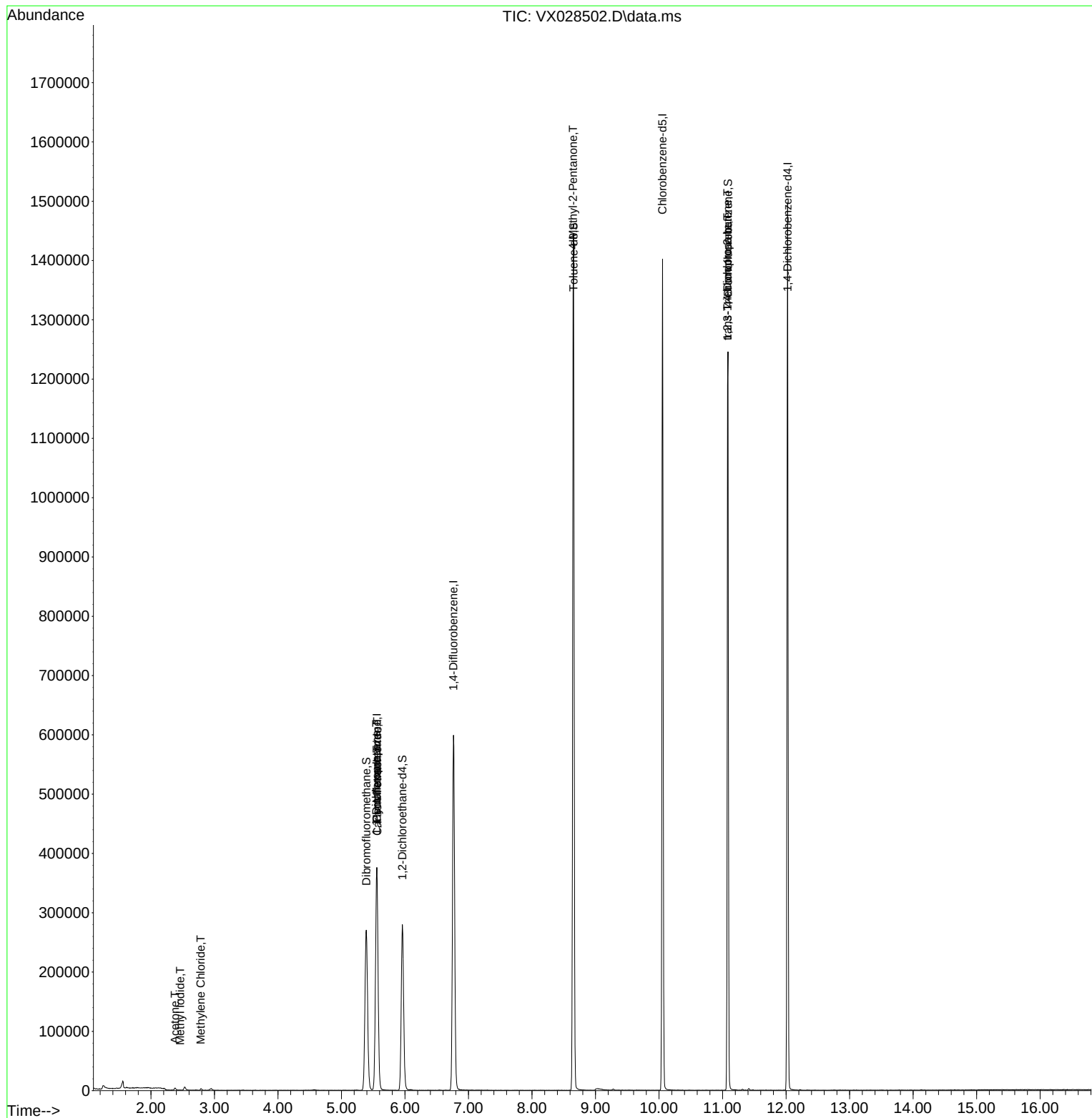
Internal Standards							
1) Pentafluorobenzene		5.556	168	362577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	636948	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	631995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	294539	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	262773	55.583	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.160%	
35) Dibromofluoromethane		5.391	113	234968	52.602	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.200%	
50) Toluene-d8		8.653	98	886802	51.689	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.380%	
62) 4-Bromofluorobenzene		11.085	95	318775	48.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.180%	
Target Compounds							
						Qvalue	
3) Chloromethane		1.295	50	598	Below Cal	#	69
5) Bromomethane		1.624	94	786	Below Cal	#	47
6) Chloroethane		1.654	64	131	Below Cal	#	43
10) Methyl Iodide		2.459	142	315	5.305	ug/l #	78
11) Tert butyl alcohol		2.953	59	1682	Below Cal	#	72
16) Acetone		2.380	43	3617	1.115	ug/l #	81
20) Methylene Chloride		2.782	84	1245	0.355	ug/l #	82
31) Cyclohexane		5.556	56	7238	1.257	ug/l #	1
36) 1,1-Dichloropropene		5.550	75	26802	4.600	ug/l #	50
38) Carbon Tetrachloride		5.562	117	35962	5.467	ug/l #	15
51) 4-Methyl-2-Pentanone		8.647	43	3444	0.558	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	160481	27.685	ug/l #	38
81) trans-1,4-Dichloro-2-b...		11.079	75	160481	82.272	ug/l #	15

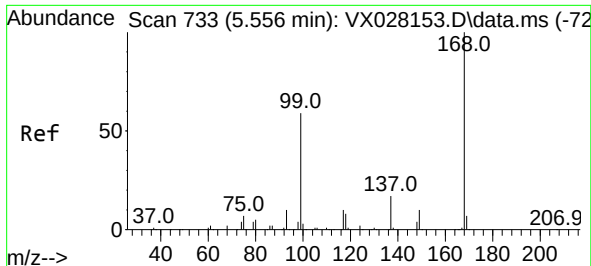
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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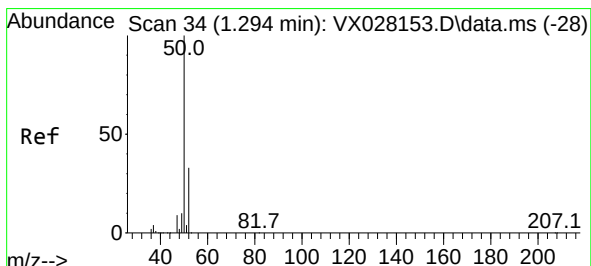
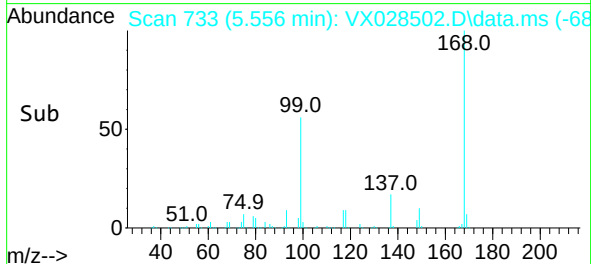
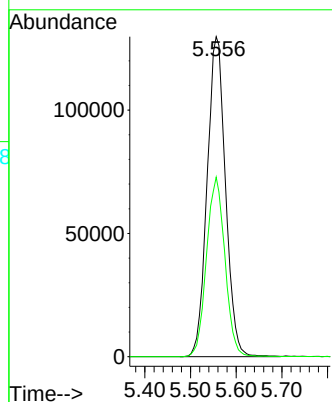
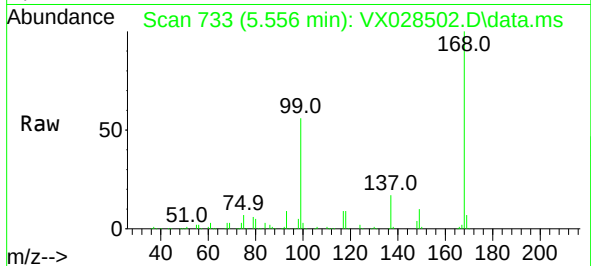




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

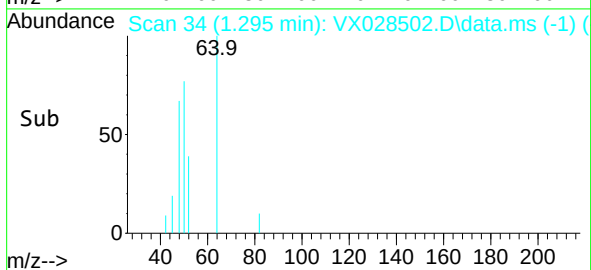
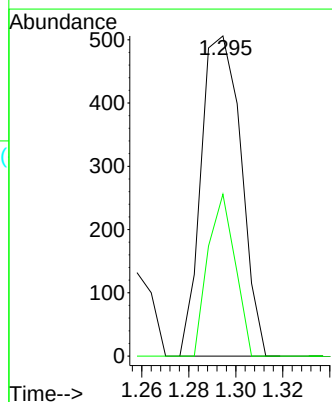
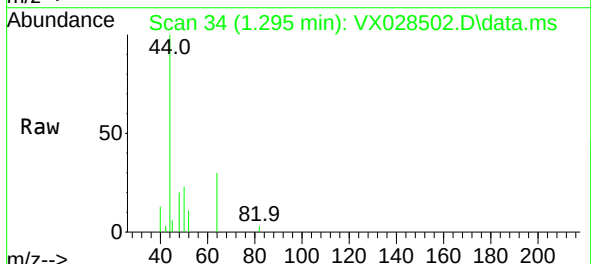
Instrument :
MSVOA_X
ClientSampleId :
TB

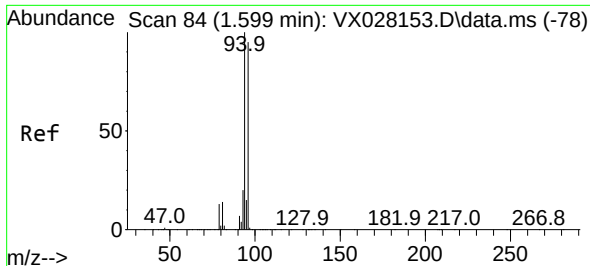
Tgt Ion:168 Resp: 362577
Ion Ratio Lower Upper
168 100
99 56.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

Tgt Ion: 50 Resp: 598
Ion Ratio Lower Upper
50 100
52 50.6 26.4 39.6#

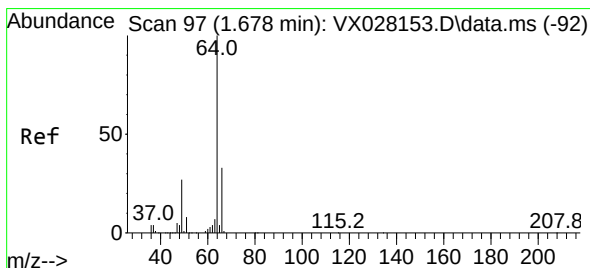
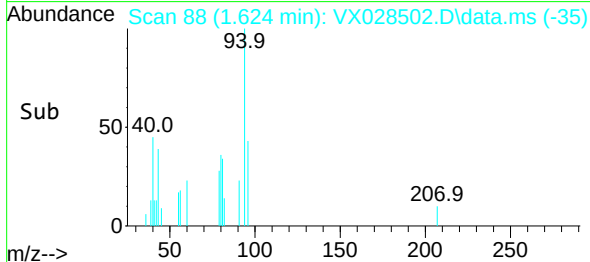
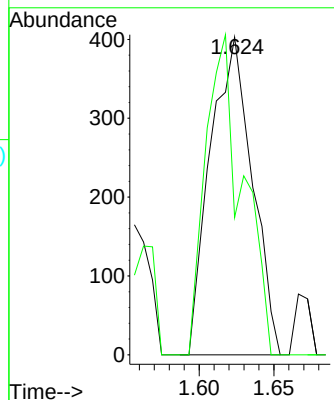
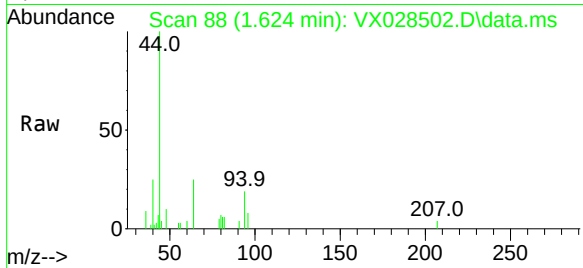




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

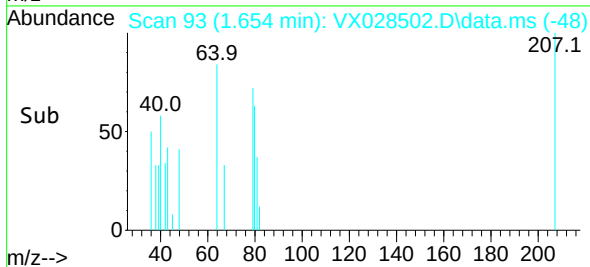
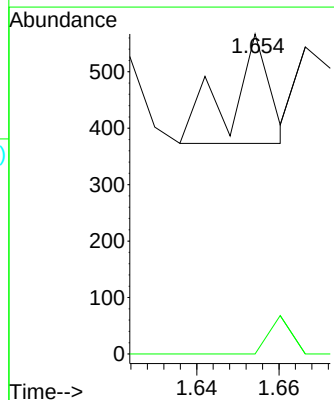
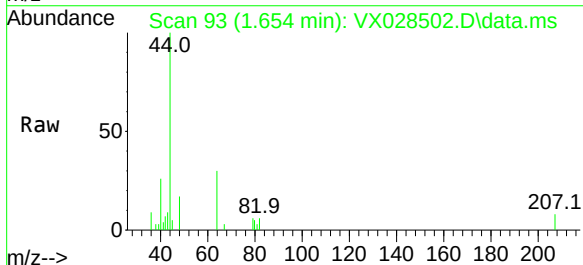
Instrument :
MSVOA_X
ClientSampleId :
TB

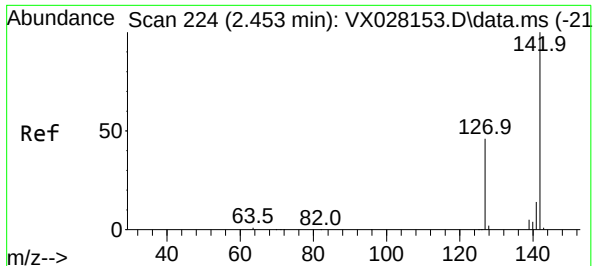
Tgt Ion: 94 Resp: 786
Ion Ratio Lower Upper
94 100
96 43.2 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

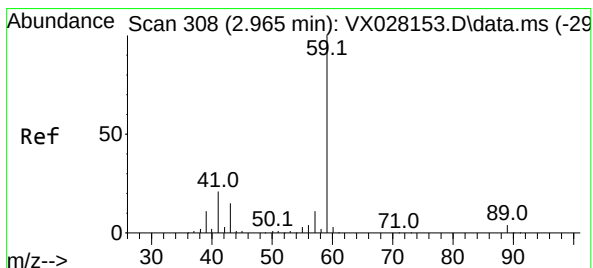
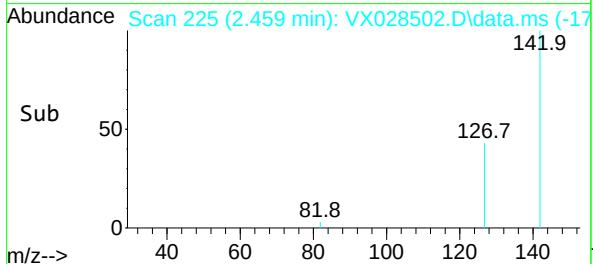
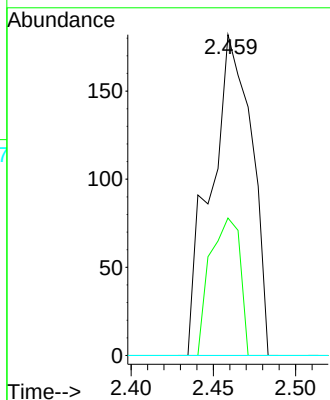
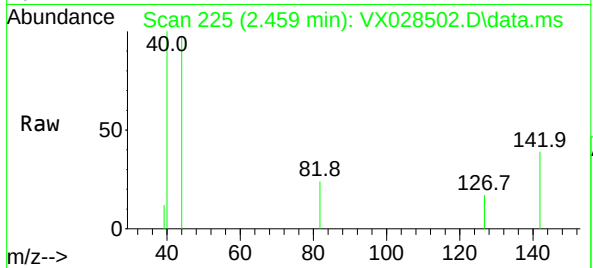




#10
Methyl Iodide
Concen: 5.305 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

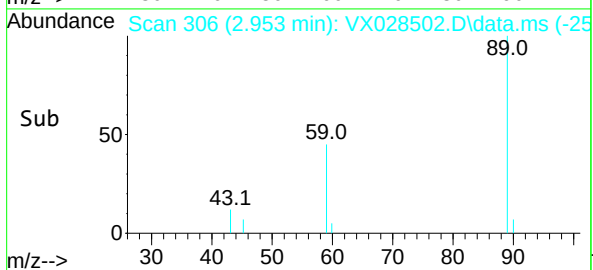
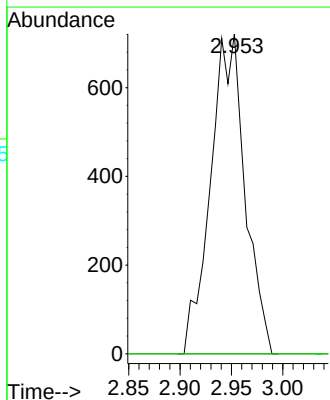
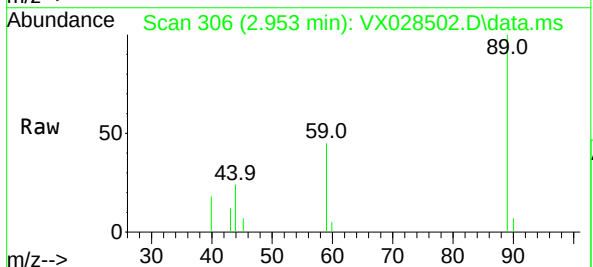
Instrument :
MSVOA_X
ClientSampleId :
TB

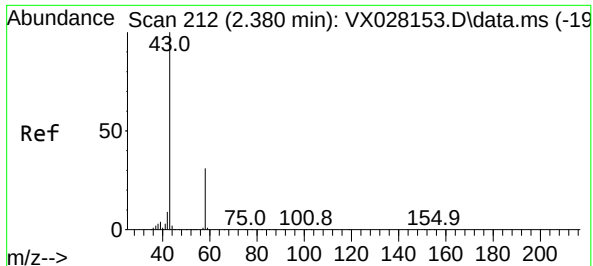
Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
127 31.4 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

Tgt Ion: 59 Resp: 1682
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.115 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028502.D

Acq: 03 May 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

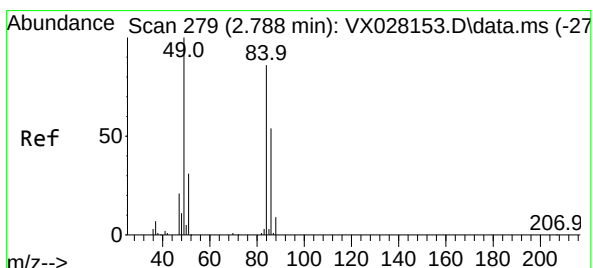
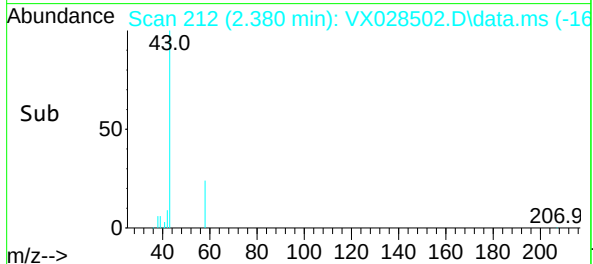
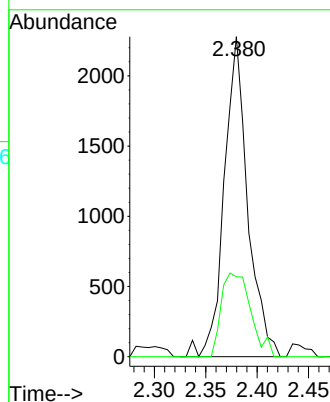
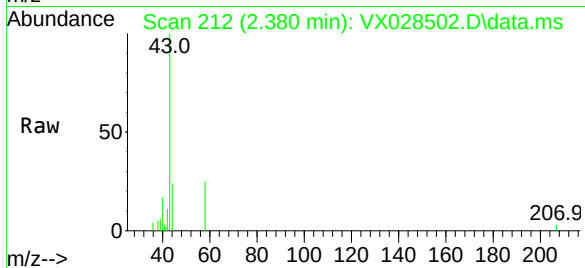
TB

Tgt Ion: 43 Resp: 3617

Ion Ratio Lower Upper

43 100

58 25.0 28.8 43.2#



#20

Methylene Chloride

Concen: 0.355 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX028502.D

Acq: 03 May 2022 15:29

Tgt Ion: 84 Resp: 1245

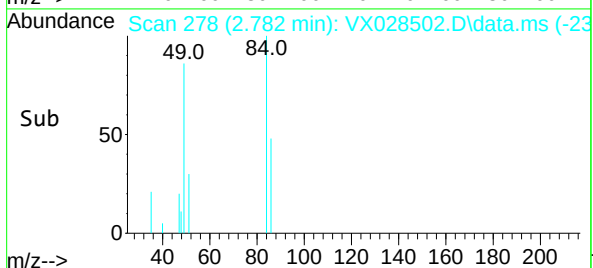
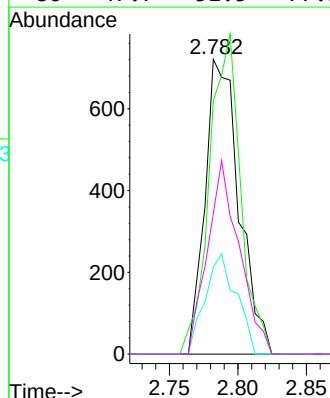
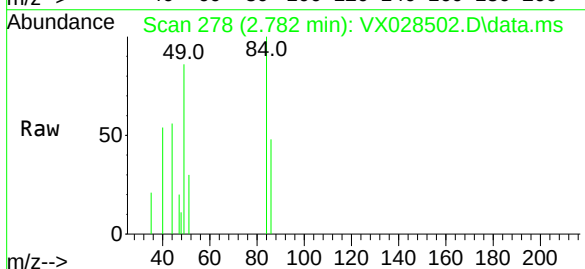
Ion Ratio Lower Upper

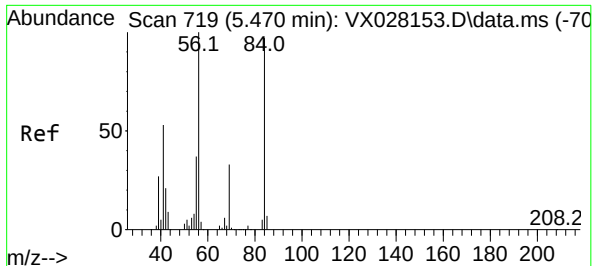
84 100

49 86.0 85.5 128.3

51 29.5 26.6 39.8

86 47.7 51.5 77.3#

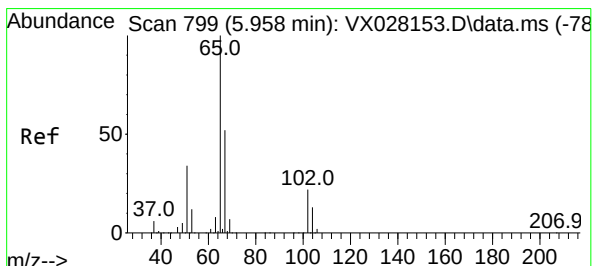
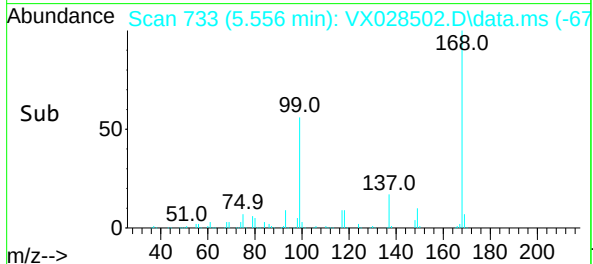
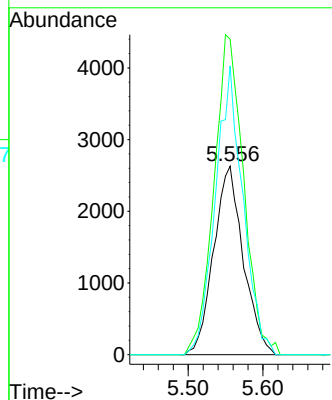
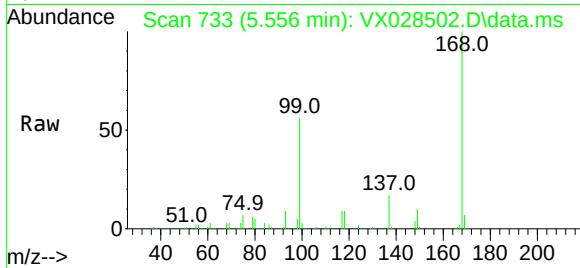




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

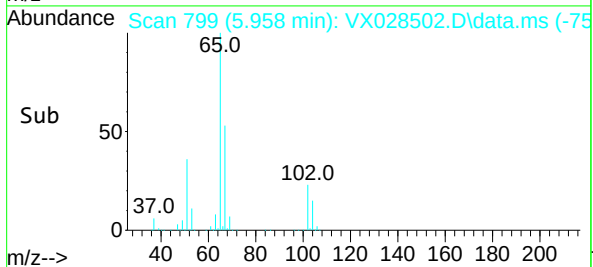
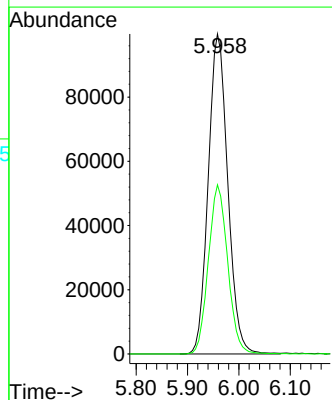
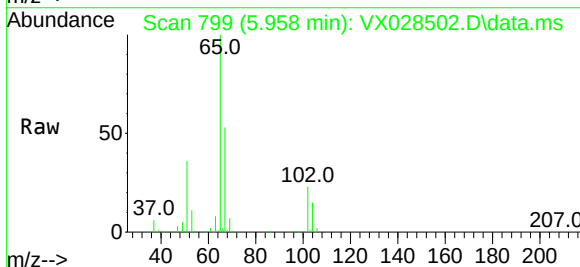
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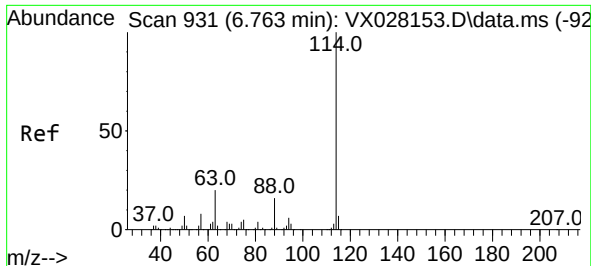
Tgt Ion: 56 Resp: 7238
Ion Ratio Lower Upper
56 100
69 167.5 26.7 40.1#
84 153.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.583 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

Tgt Ion: 65 Resp: 262773
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

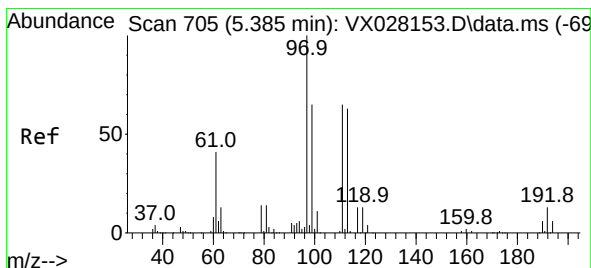
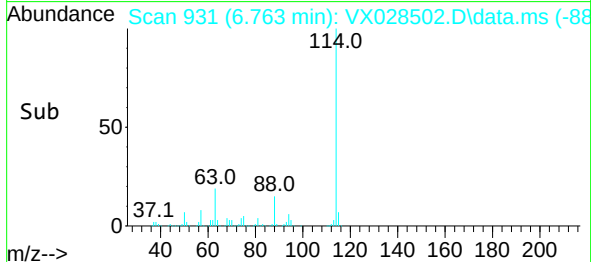
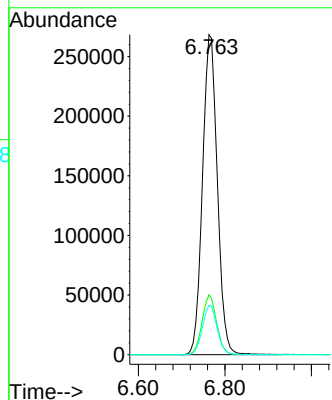
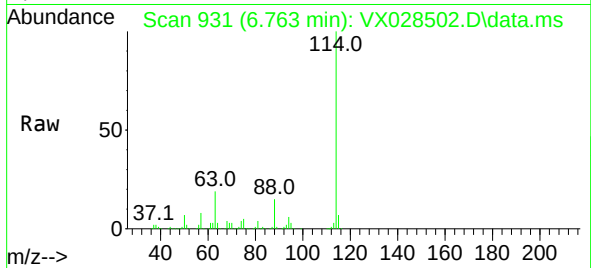




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX028502.D
 Acq: 03 May 2022 15:29

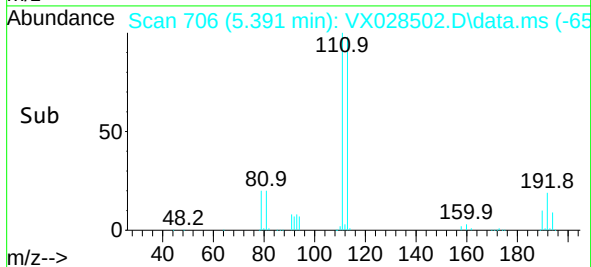
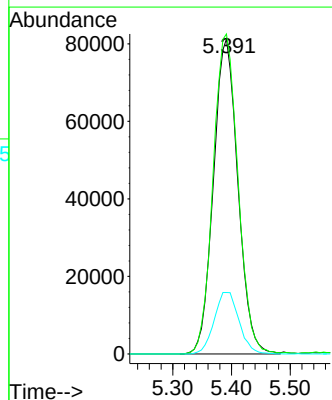
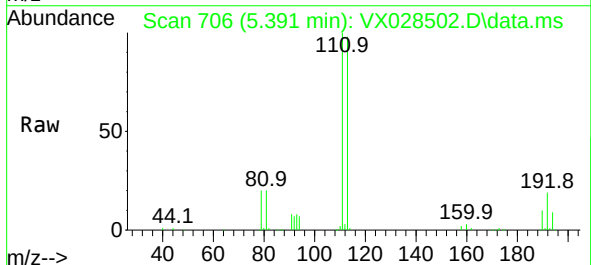
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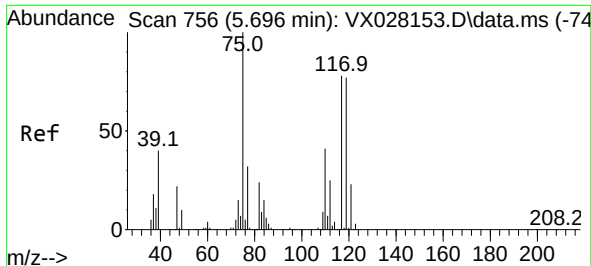
Tgt Ion:114 Resp: 636948
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.8
 88 15.4 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 52.602 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX028502.D
 Acq: 03 May 2022 15:29

Tgt Ion:113 Resp: 234968
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 19.9 16.9 25.3

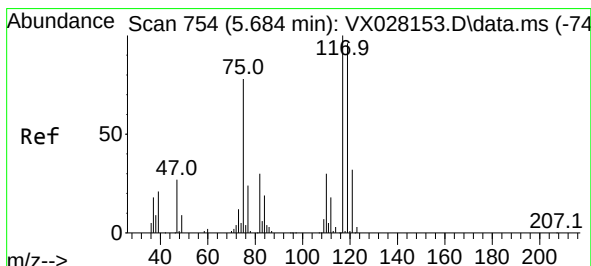
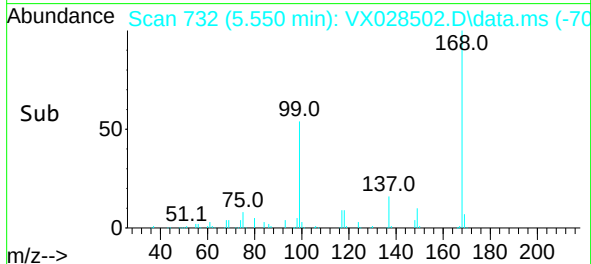
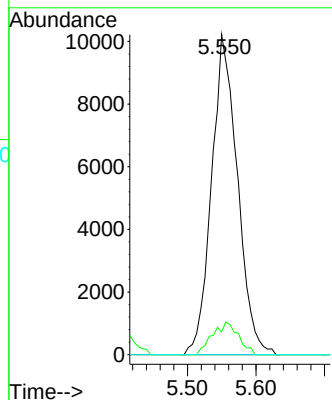
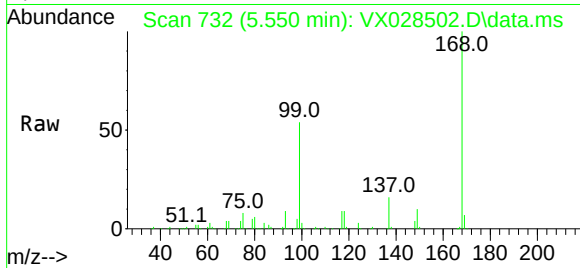




#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX028502.D
 Acq: 03 May 2022 15:29

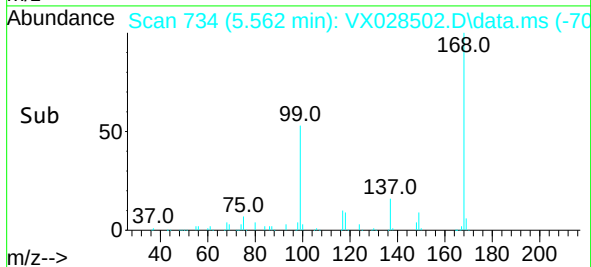
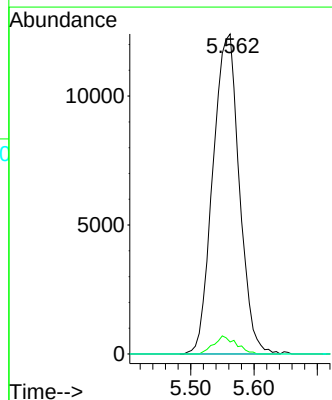
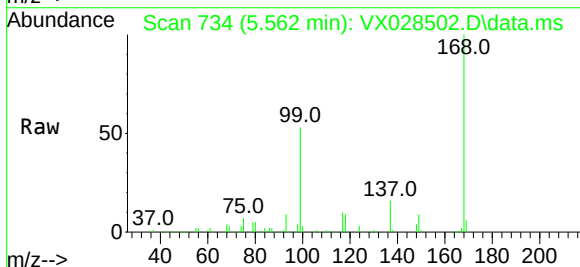
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

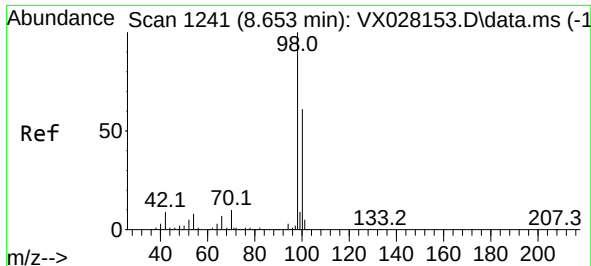
Tgt Ion: 75 Resp: 26802
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.467 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.122 min
 Lab File: VX028502.D
 Acq: 03 May 2022 15:29

Tgt Ion: 117 Resp: 35962
 Ion Ratio Lower Upper
 117 100
 119 3.8 77.3 115.9#
 121 0.0 24.2 36.2#

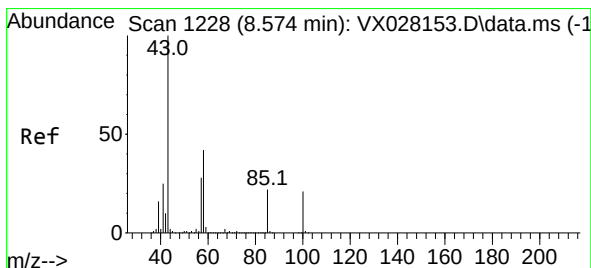
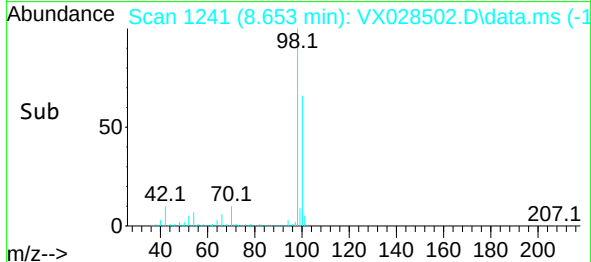
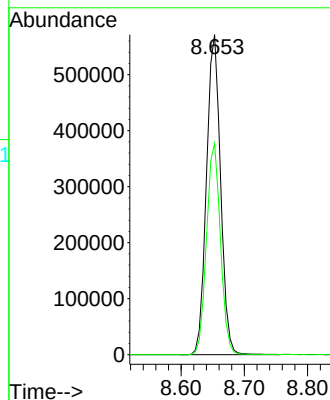
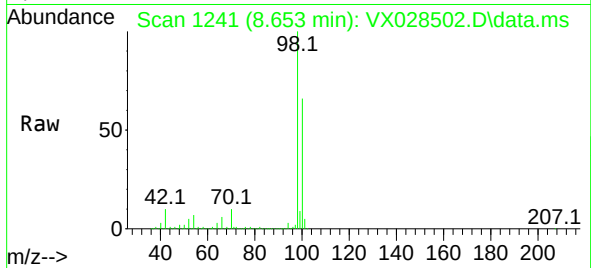




#50
Toluene-d8
Concen: 51.689 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

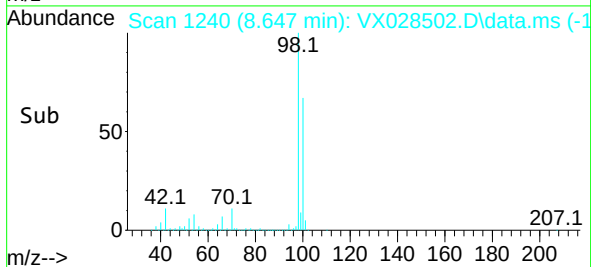
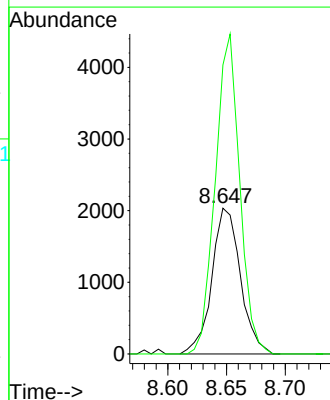
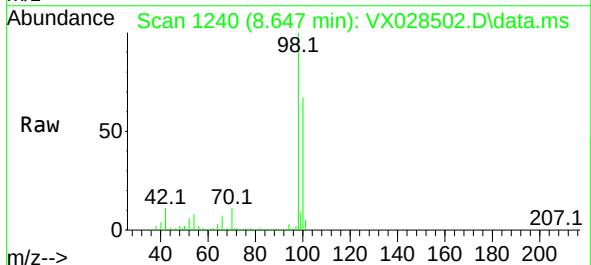
Instrument :
MSVOA_X
ClientSampleId :
TB

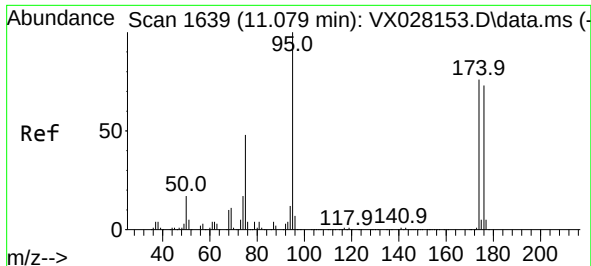
Tgt Ion: 98 Resp: 886802
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

Tgt Ion: 43 Resp: 3444
Ion Ratio Lower Upper
43 100
58 187.9 36.1 54.1#

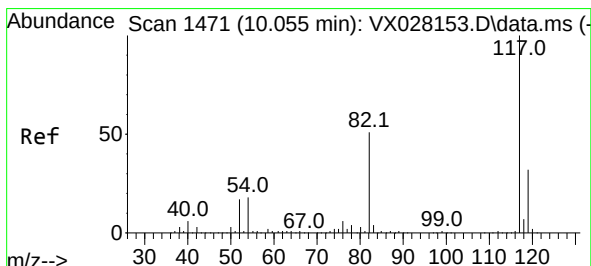
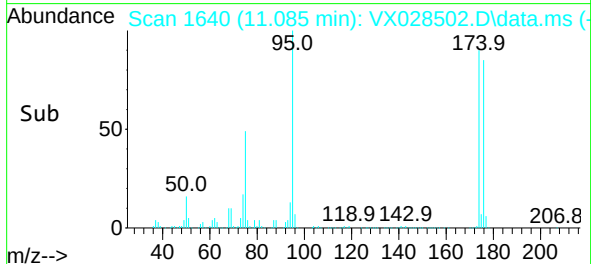
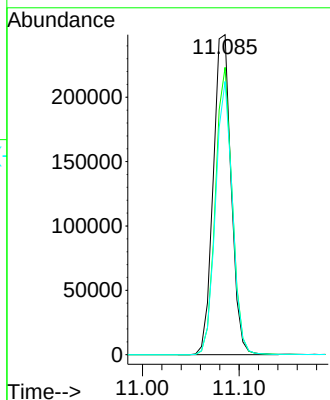
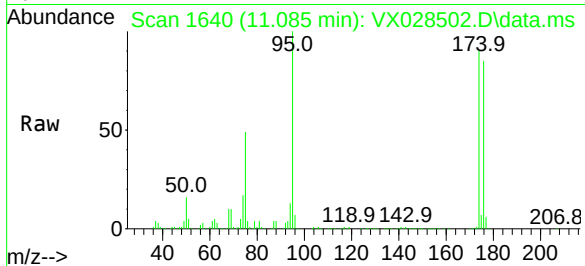




#62
4-Bromofluorobenzene
Concen: 48.595 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

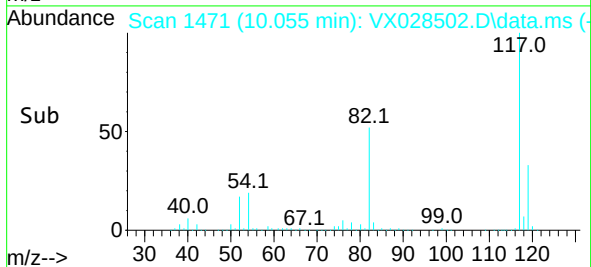
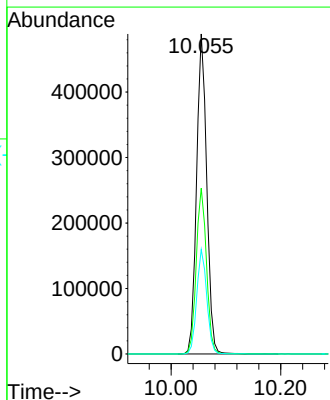
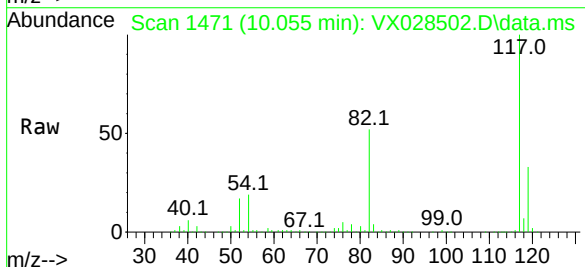
Instrument :
MSVOA_X
ClientSampleId :
TB

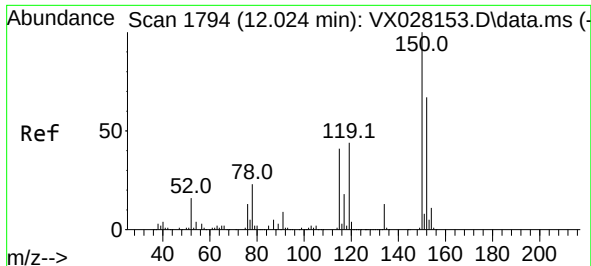
Tgt Ion: 95 Resp: 318775
Ion Ratio Lower Upper
95 100
174 84.7 0.0 163.0
176 80.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

Tgt Ion: 117 Resp: 631995
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.6 24.8 37.2

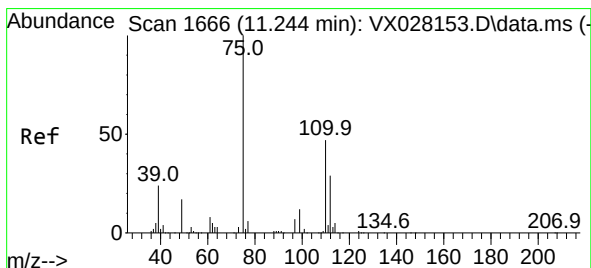
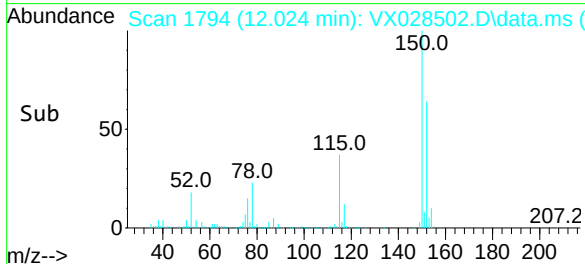
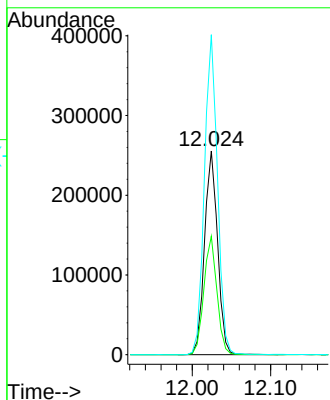
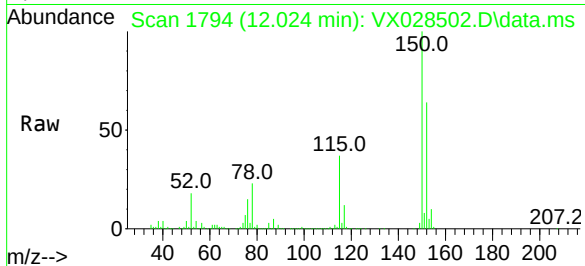




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

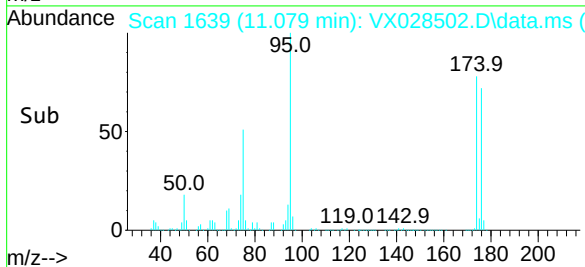
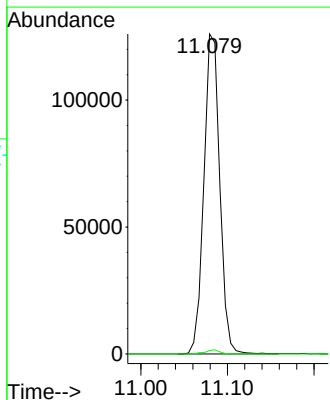
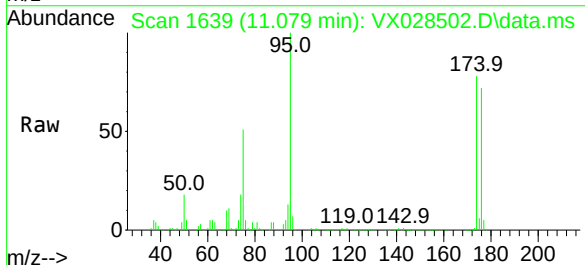
Instrument :
MSVOA_X
ClientSampleId :
TB

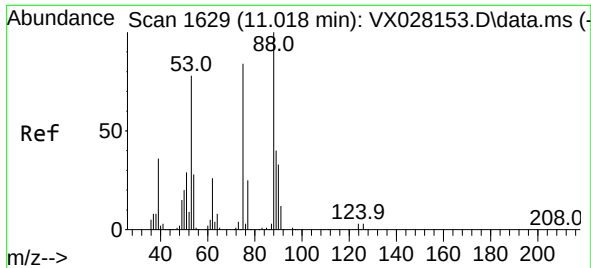
Tgt Ion:152 Resp: 294539
Ion Ratio Lower Upper
152 100
115 58.2 37.5 112.7
150 157.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028502.D
Acq: 03 May 2022 15:29

Tgt Ion: 75 Resp: 160481
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.272 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028502.D
 Acq: 03 May 2022 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 160481
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

