

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026648.D
 Acq On : 28 Jan 2022 14:03
 Operator : JC/MD
 Sample : N1297-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB012422

Quant Time: Jan 29 02:18:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

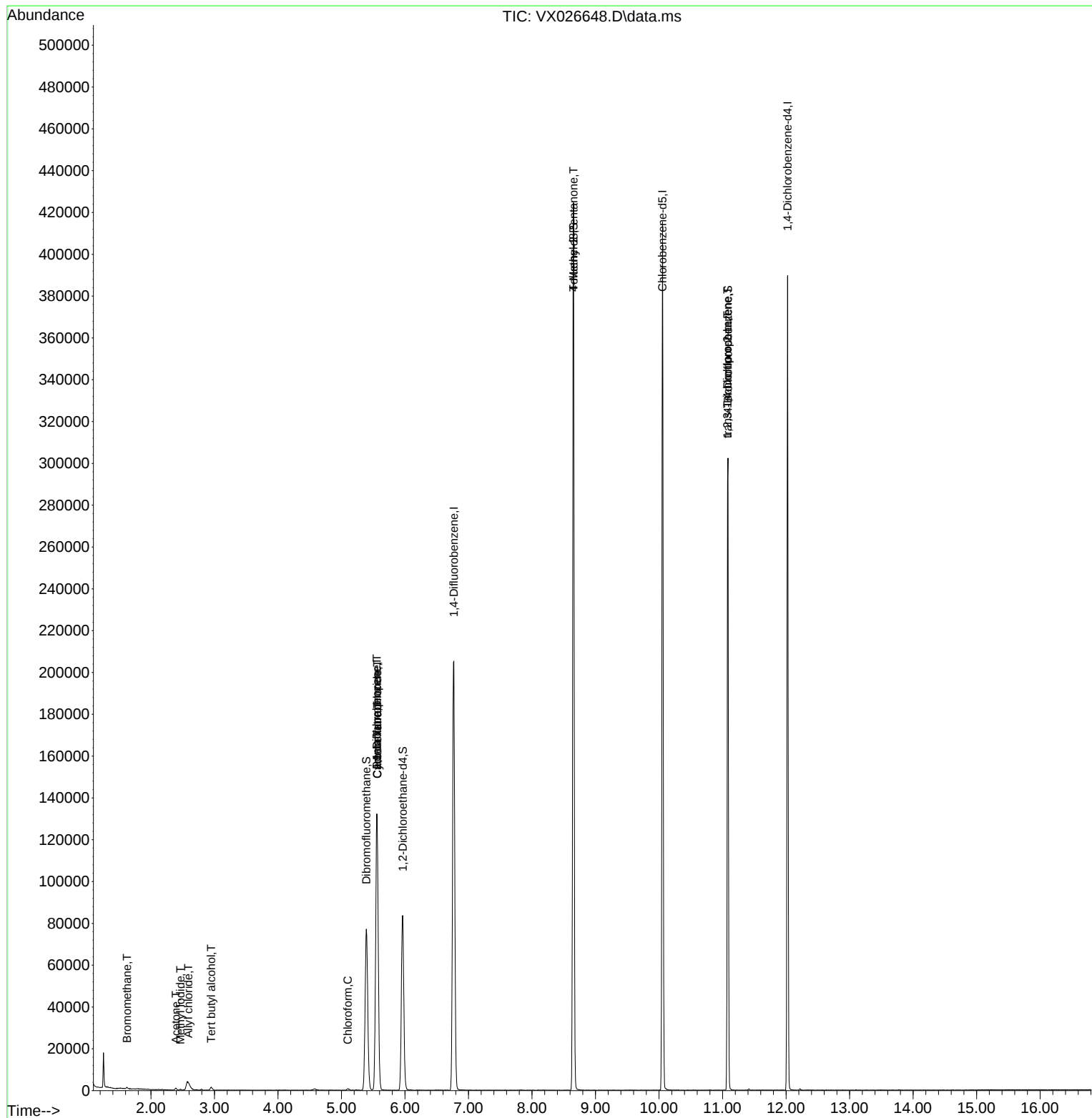
Internal Standards						
1) Pentafluorobenzene	5.556	168	124421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83087	47.804	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.391	113	67562	48.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.653	98	246082	49.040	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.085	95	84203	47.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	277	0.425	ug/l	86
10) Methyl Iodide	2.465	142	450	4.725	ug/l #	73
11) Tert butyl alcohol	2.947	59	940	3.888	ug/l #	75
14) Allyl chloride	2.587	41	921	0.385	ug/l #	66
16) Acetone	2.392	43	1187	1.339	ug/l	99
30) Chloroform	5.099	83	878	0.322	ug/l #	82
31) Cyclohexane	5.562	56	2350	0.917	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9456	4.302	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12626	5.584	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1167	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42344	25.573	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	42344	77.619	ug/l #	3

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

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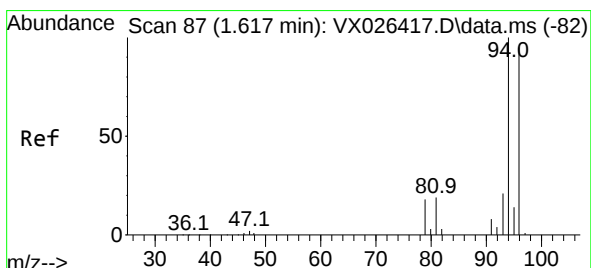
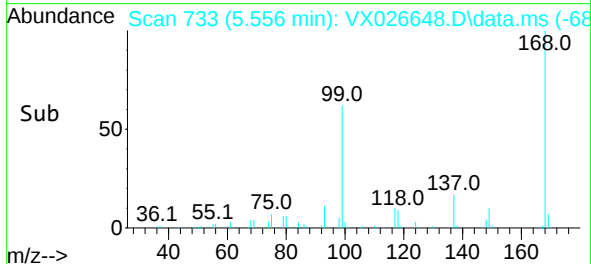
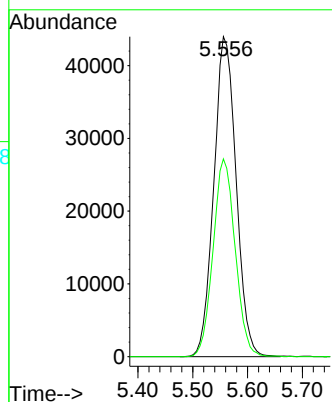
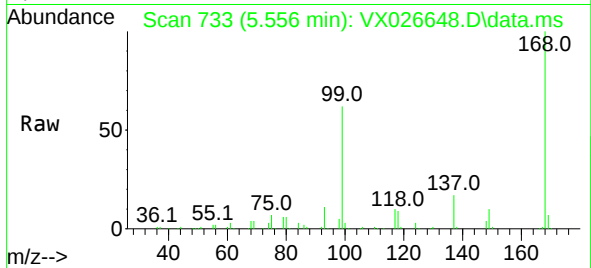




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

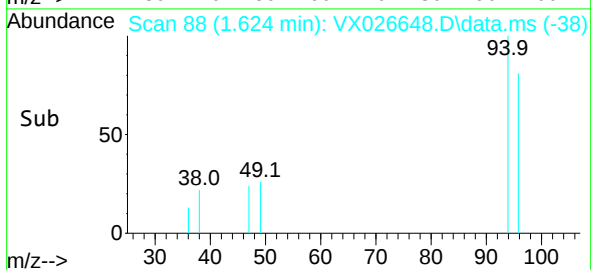
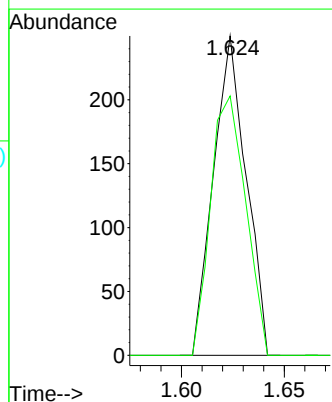
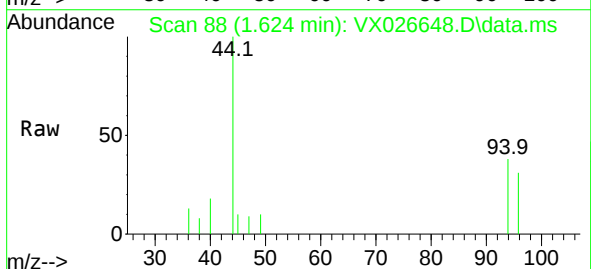
Instrument :
MSVOA_X
ClientSampleId :
FB012422

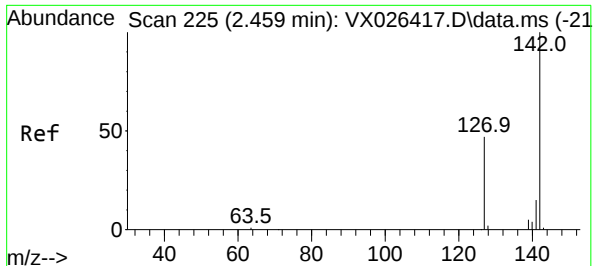
Tgt Ion:168 Resp: 124421
Ion Ratio Lower Upper
168 100
99 61.8 50.3 75.5



#5
Bromomethane
Concen: 0.425 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

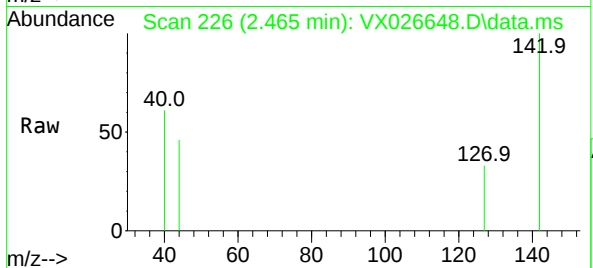
Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 81.2 75.9 113.9



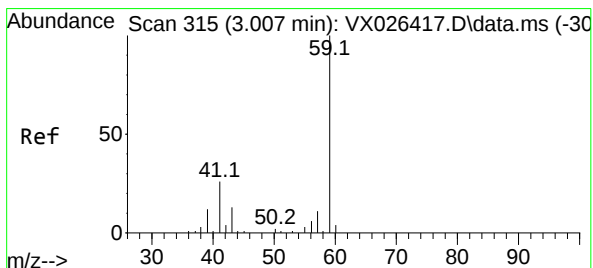
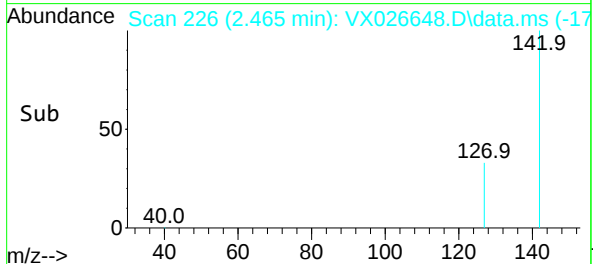
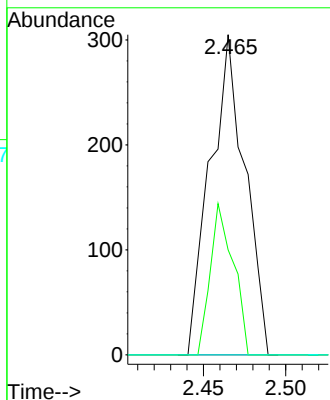


#10
Methyl Iodide
Concen: 4.725 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
FB012422

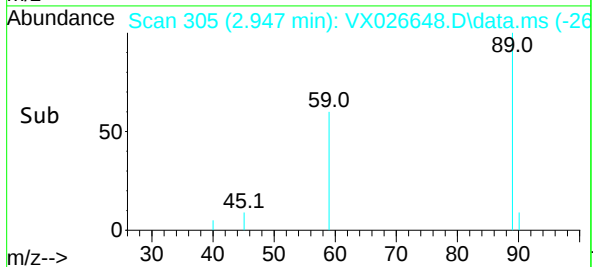
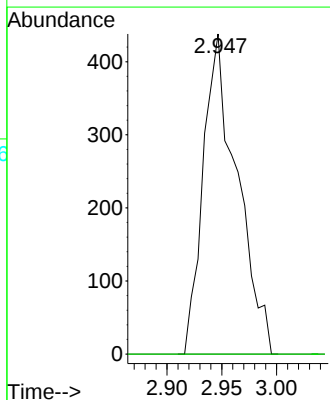
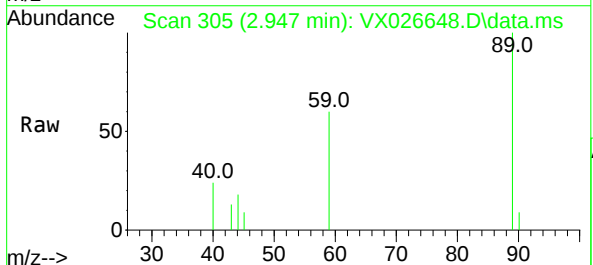


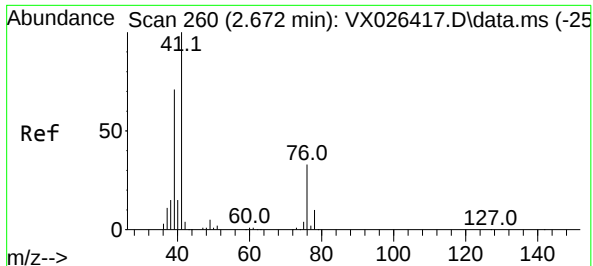
Tgt Ion:142 Resp: 450
Ion Ratio Lower Upper
142 100
127 31.1 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 3.888 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Tgt Ion: 59 Resp: 940
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

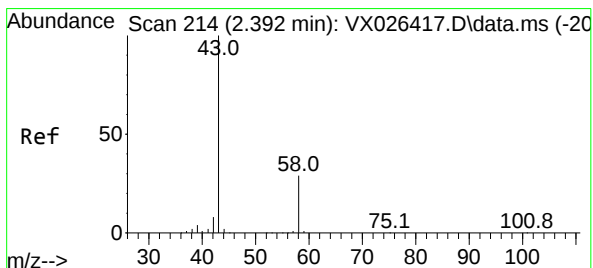
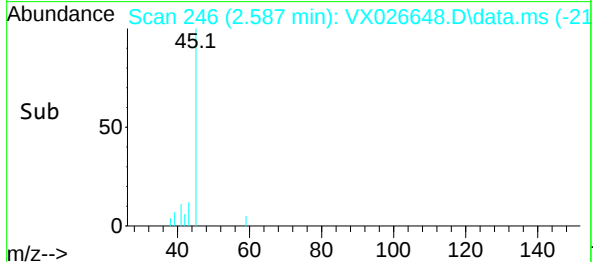
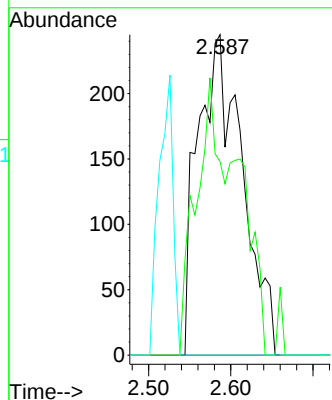
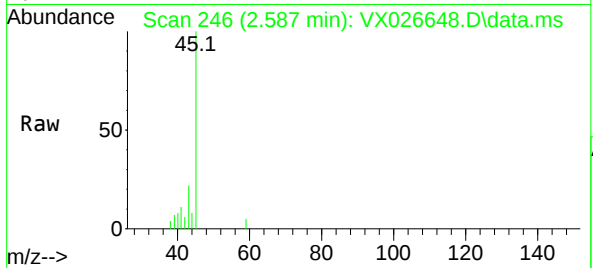




#14
 Allyl chloride
 Concen: 0.385 ug/l
 RT: 2.587 min Scan# 246
 Delta R.T. -0.085 min
 Lab File: VX026648.D
 Acq: 28 Jan 2022 14:03

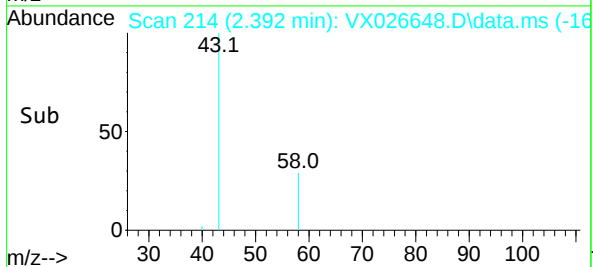
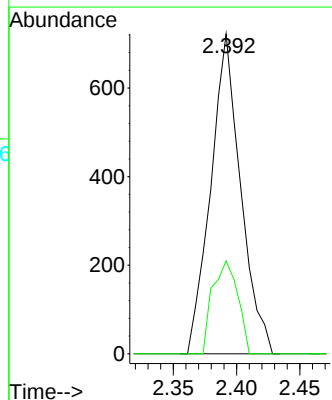
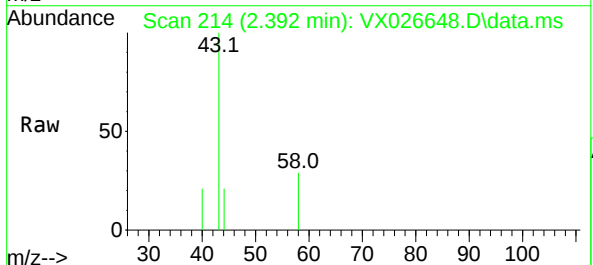
Instrument :
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 ClientSampleId :
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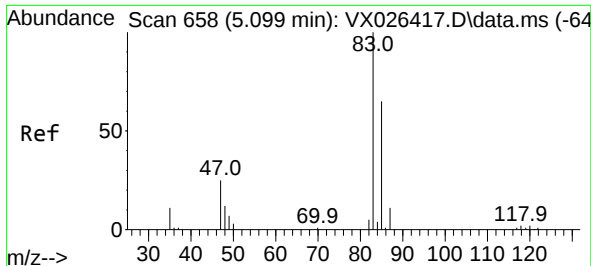
Tgt Ion: 41 Resp: 921
 Ion Ratio Lower Upper
 41 100
 39 49.0 54.2 81.4#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 1.339 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX026648.D
 Acq: 28 Jan 2022 14:03

Tgt Ion: 43 Resp: 1187
 Ion Ratio Lower Upper
 43 100
 58 29.1 23.0 34.6





#30

Chloroform

Concen: 0.322 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026648.D

Acq: 28 Jan 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

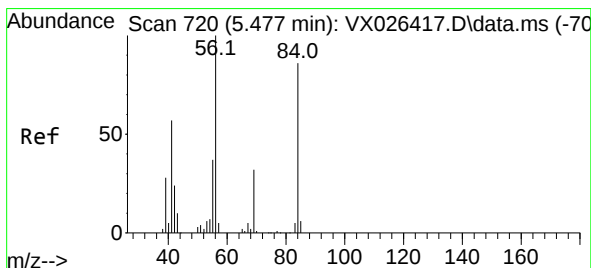
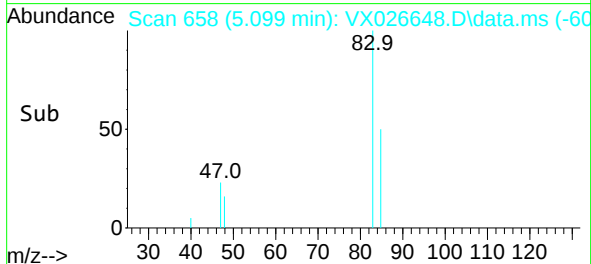
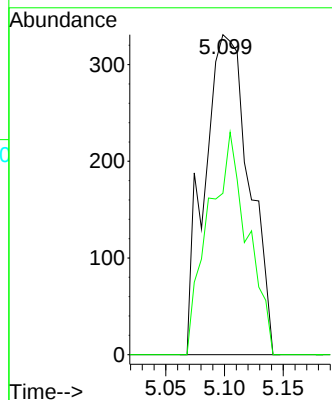
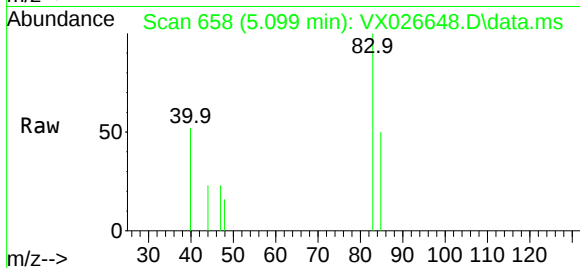
FB012422

Tgt Ion: 83 Resp: 878

Ion Ratio Lower Upper

83 100

85 50.5 51.6 77.4#



#31

Cyclohexane

Concen: 0.917 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026648.D

Acq: 28 Jan 2022 14:03

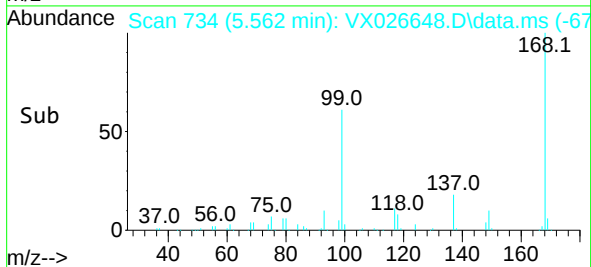
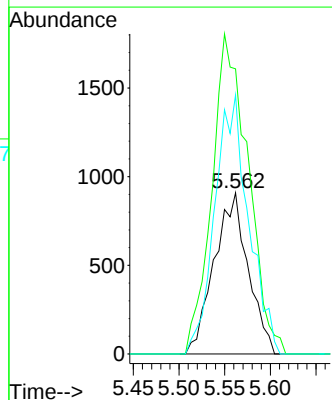
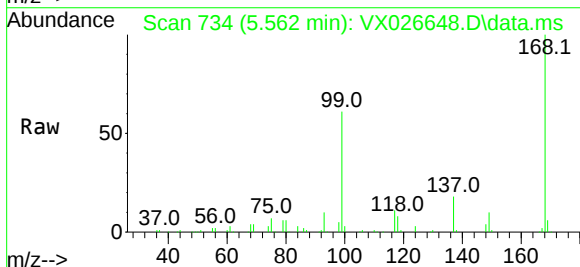
Tgt Ion: 56 Resp: 2350

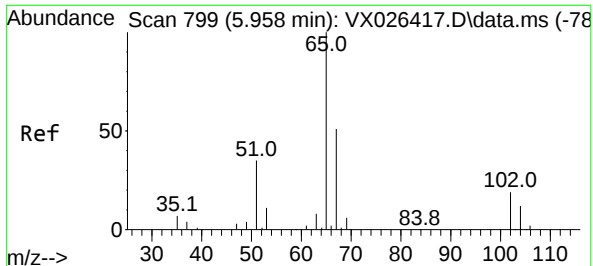
Ion Ratio Lower Upper

56 100

69 176.9 25.8 38.6#

84 160.7 68.9 103.3#

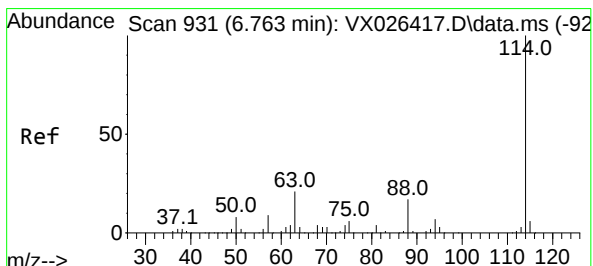
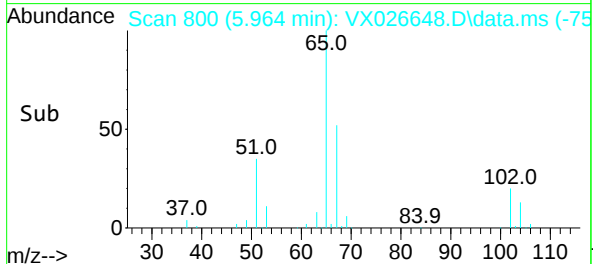
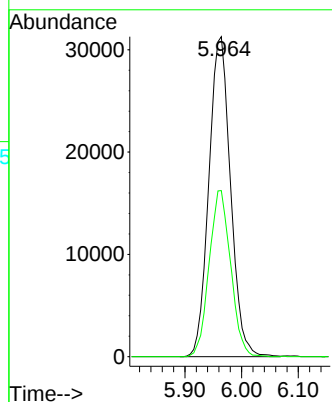
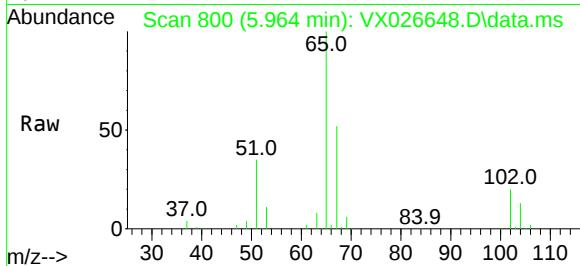




#33
1,2-Dichloroethane-d4
Concen: 47.804 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

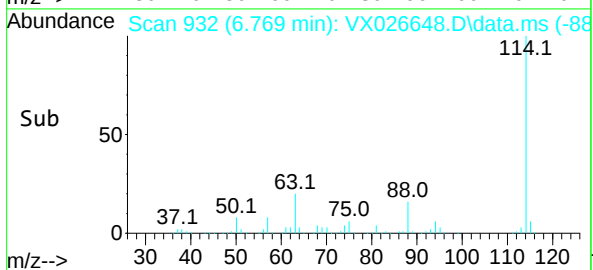
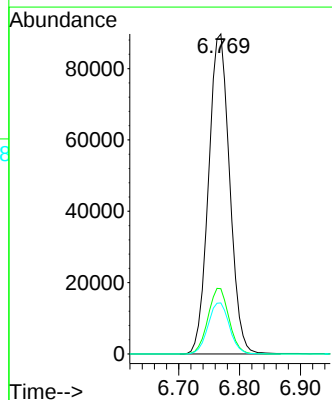
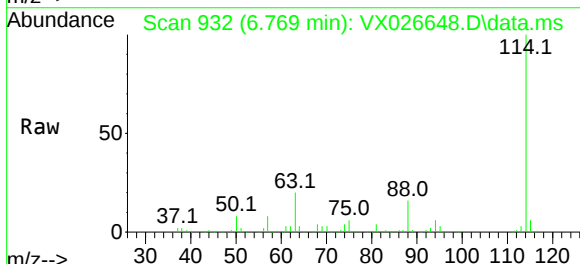
Instrument :
MSVOA_X
ClientSampleId :
FB012422

Tgt Ion: 65 Resp: 83087
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Tgt Ion: 114 Resp: 215635
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 15.9 0.0 33.0

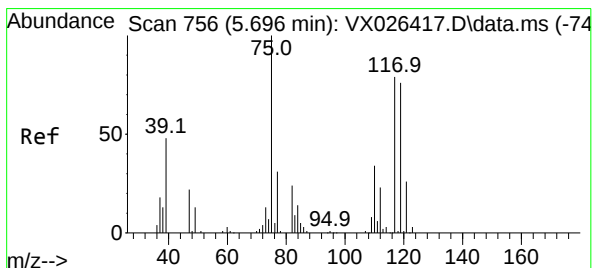
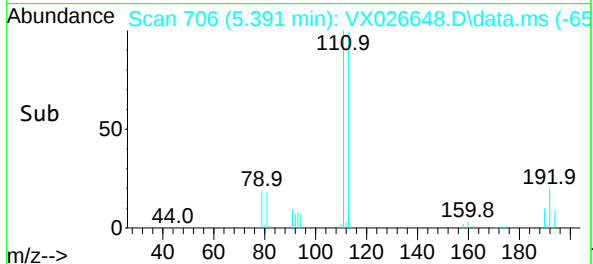
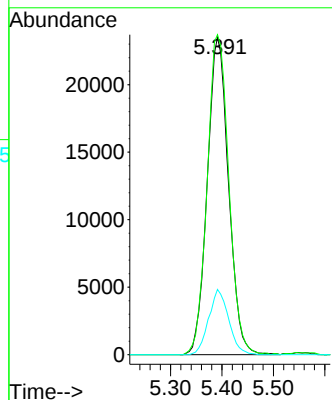
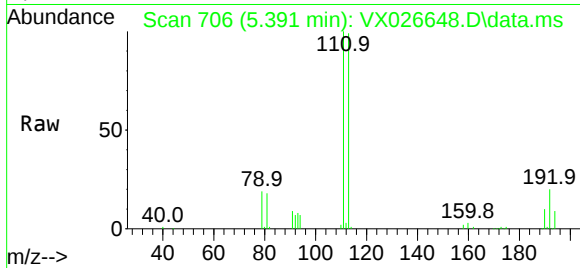




#35
Dibromofluoromethane
Concen: 48.518 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

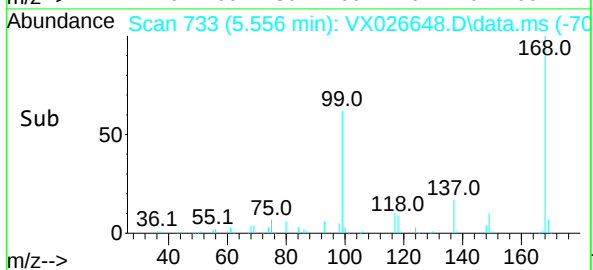
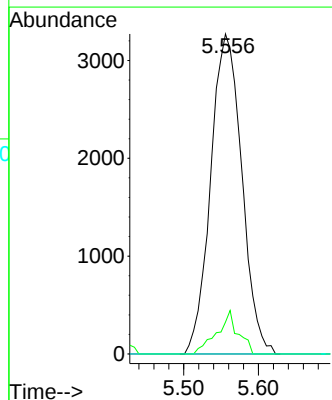
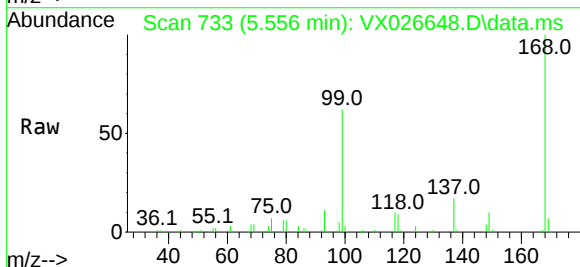
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MSVOA_X
ClientSampleId :
FB012422

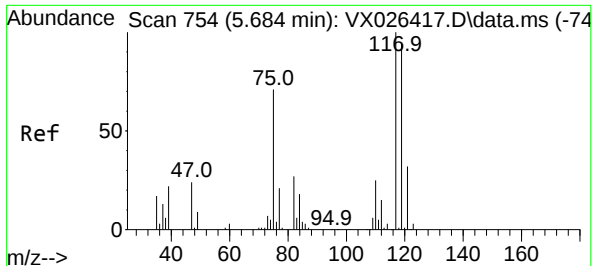
Tgt Ion:113 Resp: 67562
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.302 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

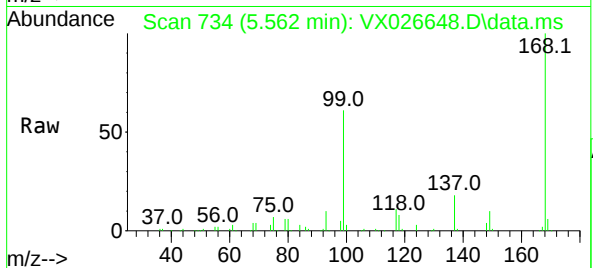
Tgt Ion: 75 Resp: 9456
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



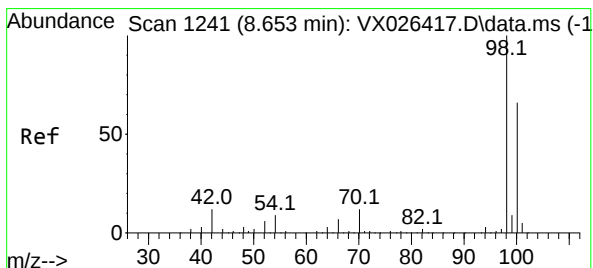
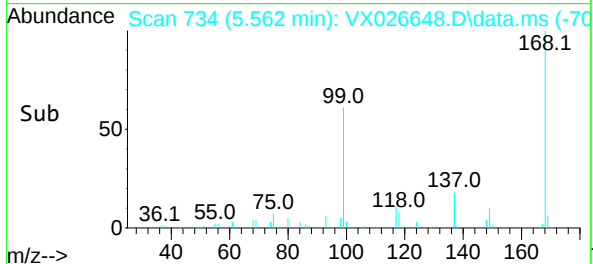
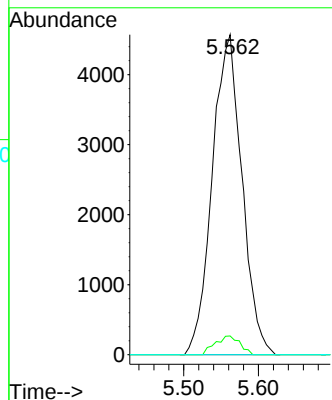


#38
Carbon Tetrachloride
Concen: 5.584 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
FB012422

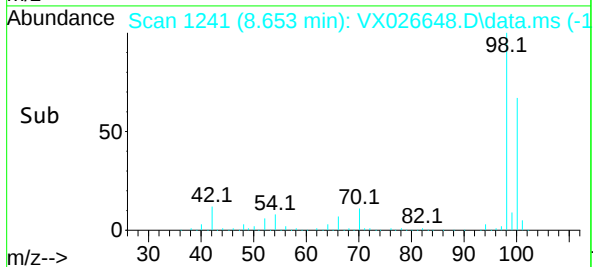
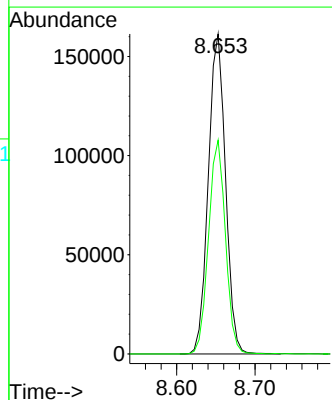
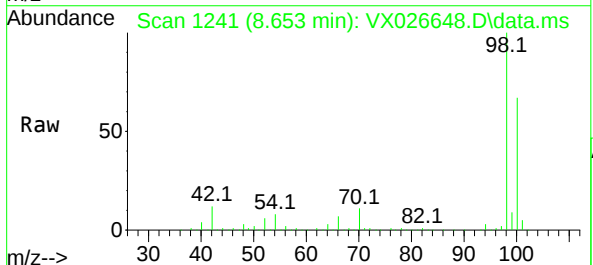


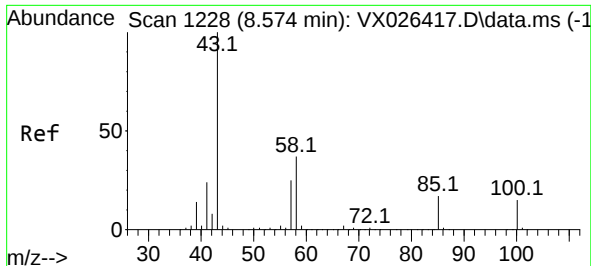
Tgt Ion:117 Resp: 12626
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.040 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Tgt Ion: 98 Resp: 246082
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8

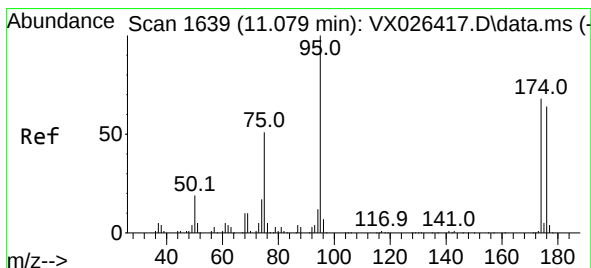
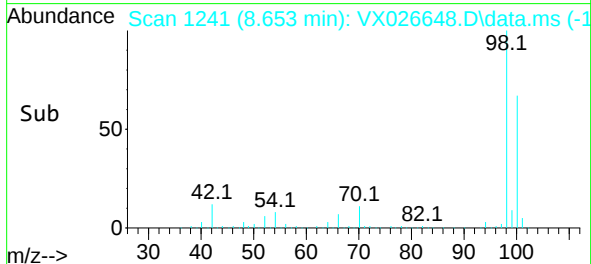
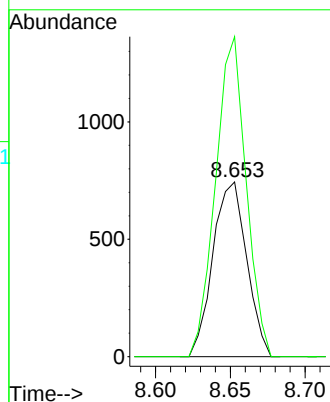
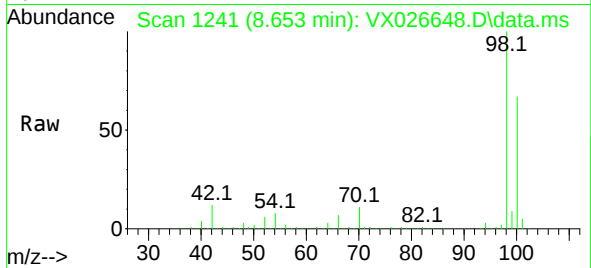




#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.653 min Scan# 1167
Delta R.T. 0.079 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

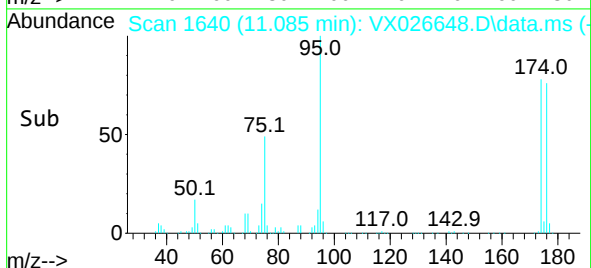
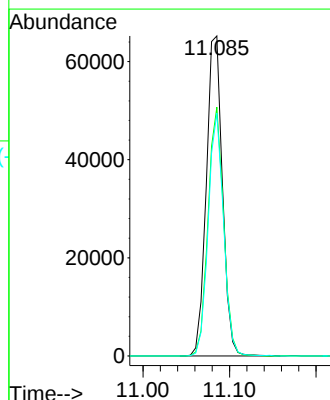
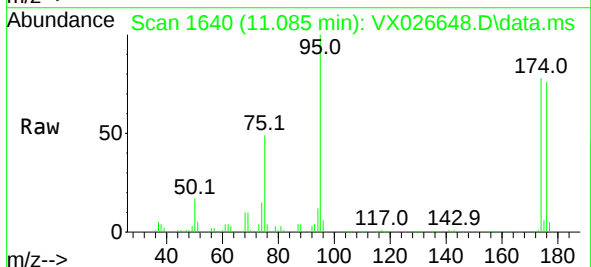
Instrument :
MSVOA_X
ClientSampleId :
FB012422

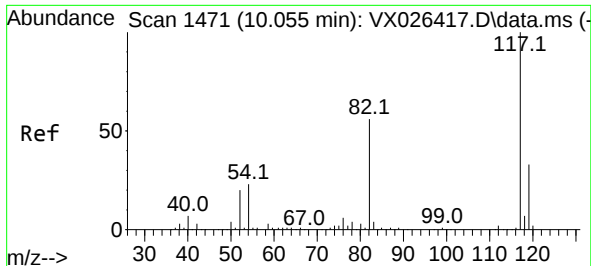
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 166.2 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 47.237 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Tgt Ion: 95 Resp: 84203
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 72.1 0.0 141.4

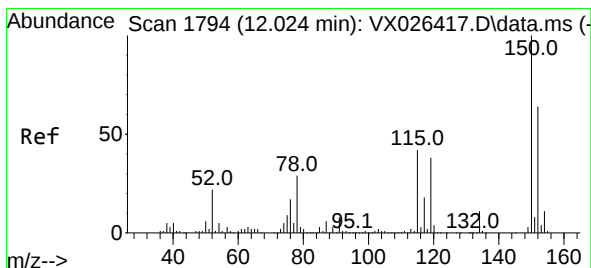
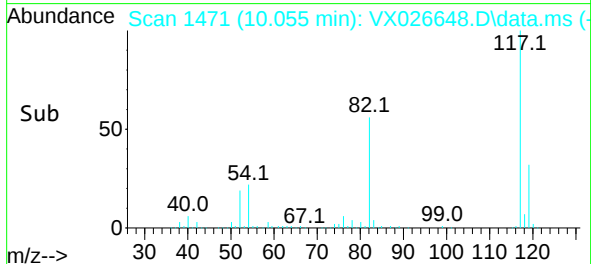
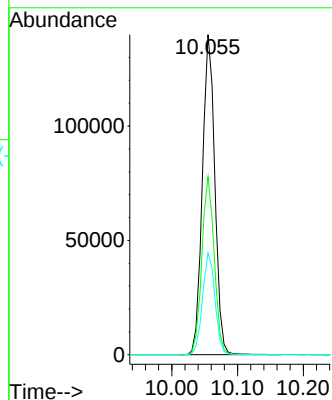
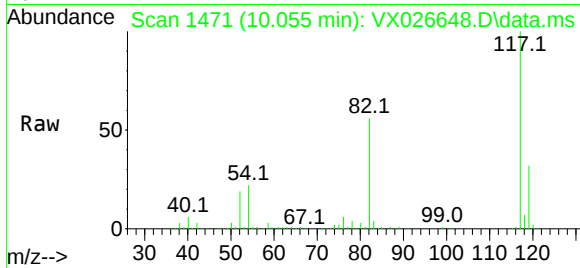




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

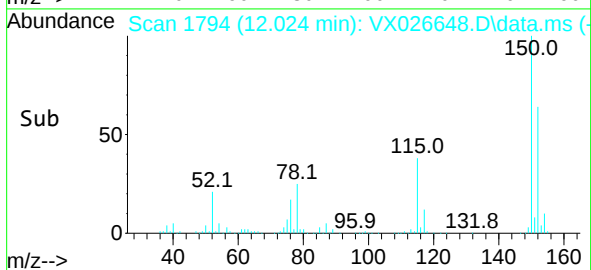
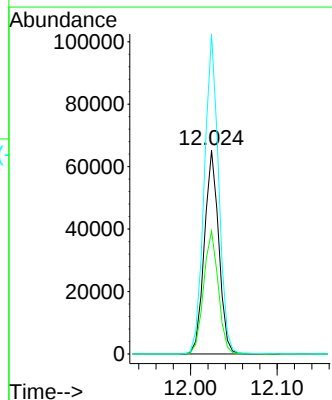
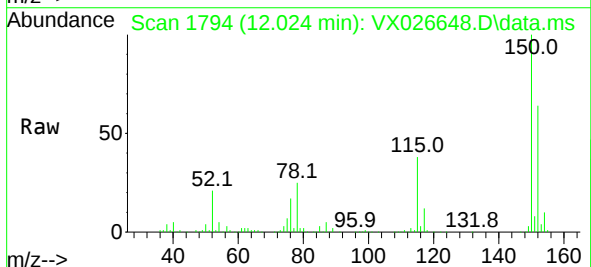
Instrument :
MSVOA_X
ClientSampleId :
FB012422

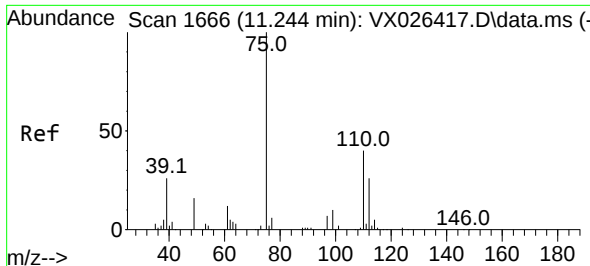
Tgt Ion:117 Resp: 184234
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Tgt Ion:152 Resp: 75202
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 156.9 0.0 348.2

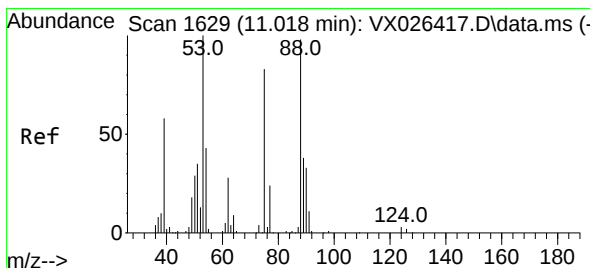
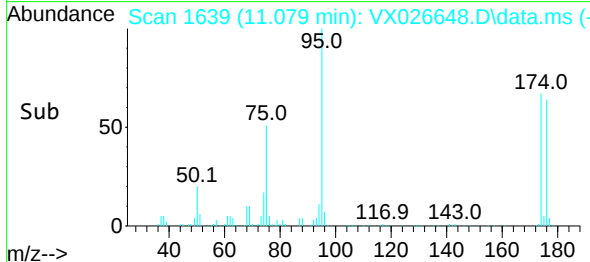
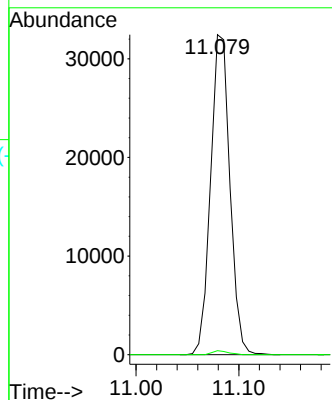
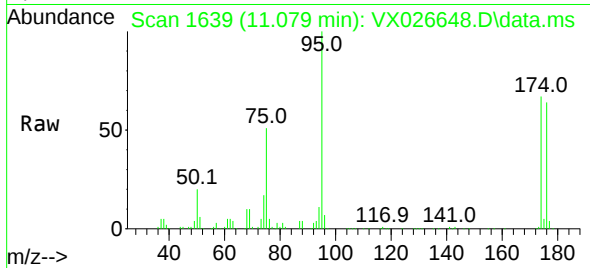




#76
1,2,3-Trichloropropane
Concen: 25.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
FB012422

Tgt Ion: 75 Resp: 42344
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026648.D
Acq: 28 Jan 2022 14:03

Tgt Ion: 75 Resp: 42344
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

