

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026820.D
 Acq On : 08 Feb 2022 14:27
 Operator : JC/MD
 Sample : N1411-02
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 282-284

Quant Time: Feb 09 03:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

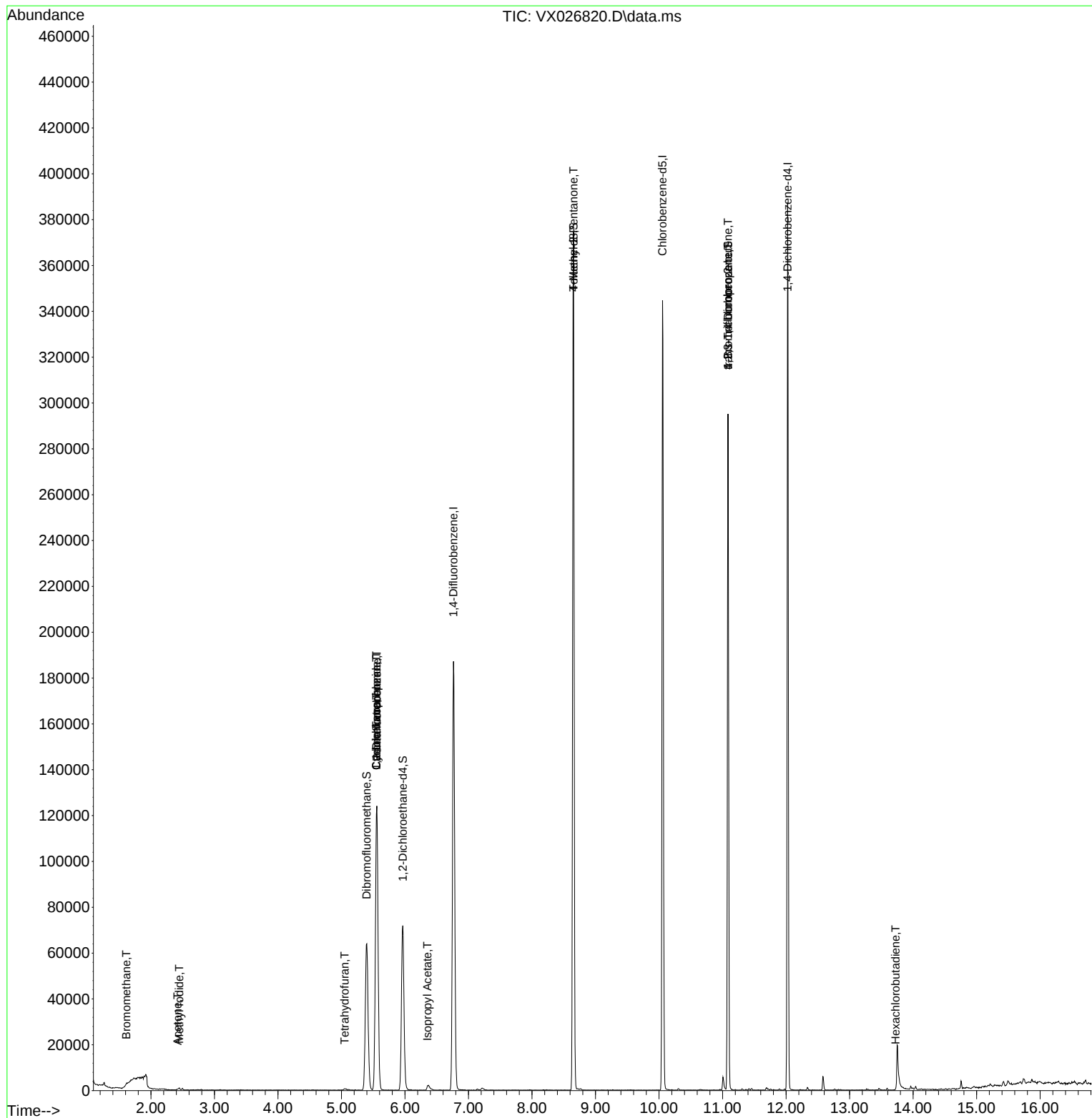
Internal Standards						
1) Pentafluorobenzene	5.556	168	121879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73192	50.028	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.060%			
35) Dibromofluoromethane	5.397	113	59924	50.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	8.653	98	228675	52.726	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.460%			
62) 4-Bromofluorobenzene	11.085	95	85062	55.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	313	0.572	ug/l #	71
10) Methyl Iodide	2.447	142	751	2.669	ug/l #	92
16) Acetone	2.416	43	563	0.876	ug/l #	77
29) Tetrahydrofuran	5.050	42	330	0.469	ug/l #	53
31) Cyclohexane	5.550	56	2349	1.010	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9348	5.015	ug/l #	47
38) Carbon Tetrachloride	5.550	117	12448	6.369	ug/l #	17
43) Isopropyl Acetate	6.354	43	1404	0.431	ug/l #	62
51) 4-Methyl-2-Pentanone	8.653	43	1000	0.506	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	41542	23.483	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	41542	71.834	ug/l #	3
94) Hexachlorobutadiene	13.725	225	179	0.251	ug/l	89

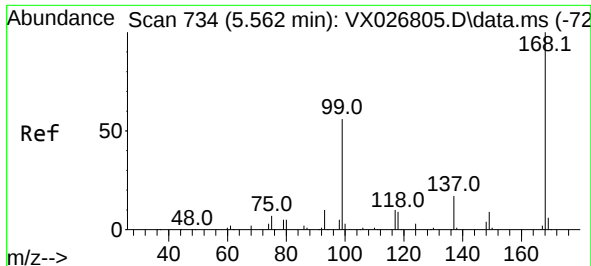
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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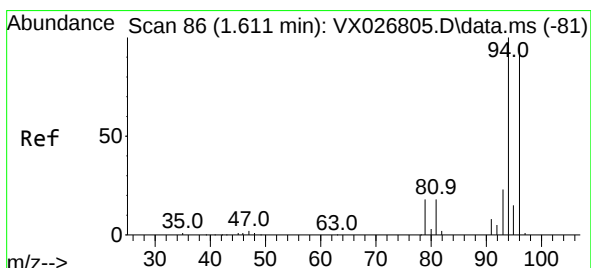
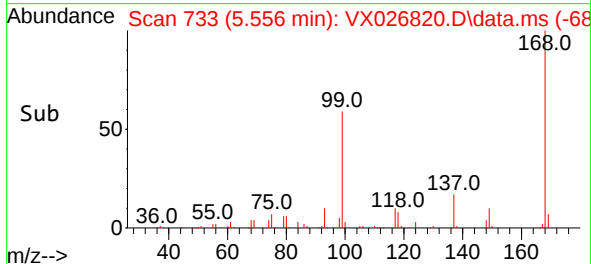
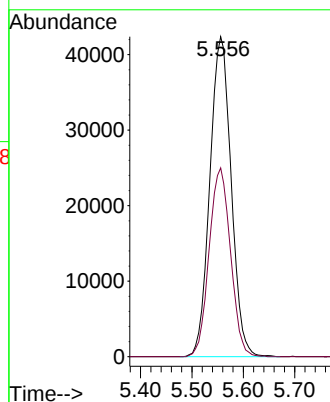
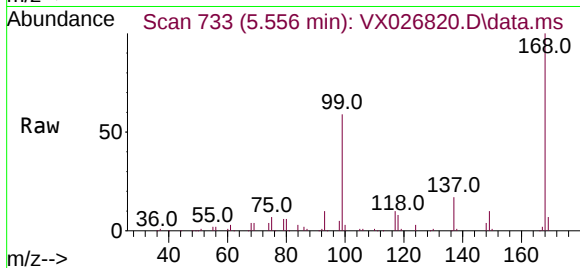




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

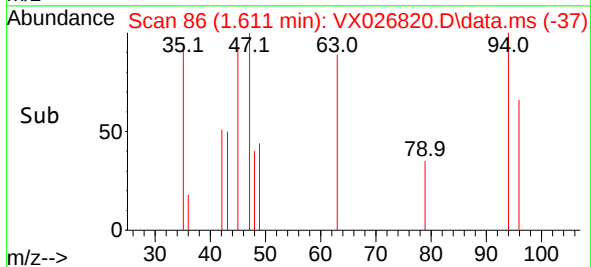
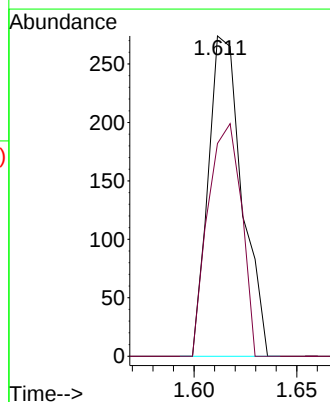
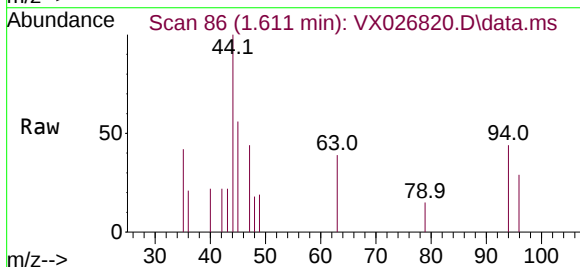
Instrument :
MSVOA_X
ClientSampleId :
282-284

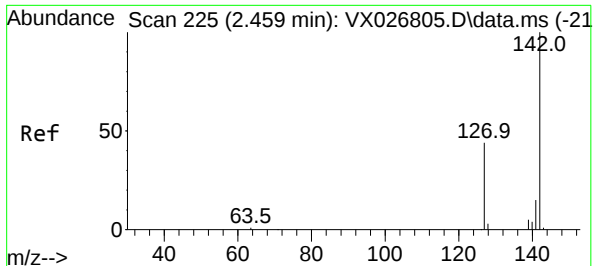
Tgt Ion:168 Resp: 121879
Ion Ratio Lower Upper
168 100
99 59.0 50.3 75.5



#5
Bromomethane
Concen: 0.572 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 66.4 75.9 113.9#

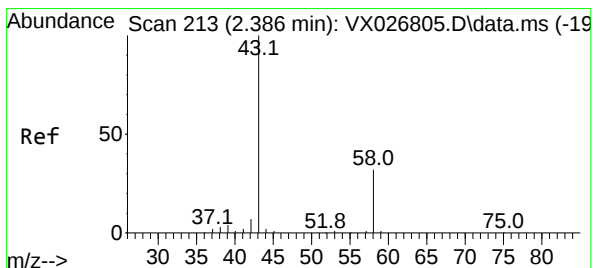
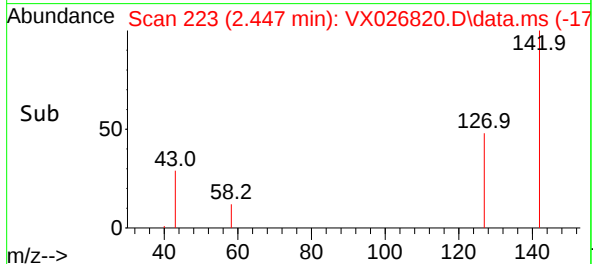
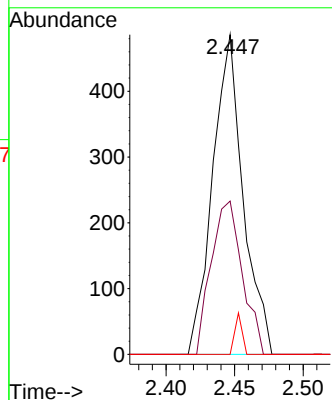
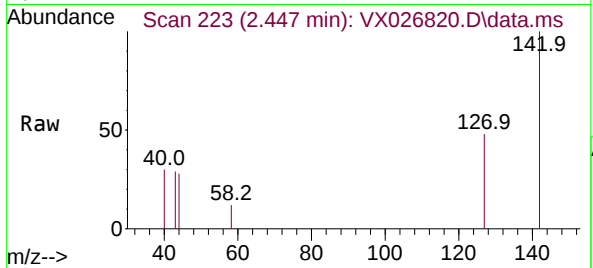




#10
Methyl Iodide
Concen: 2.669 ug/l
RT: 2.447 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

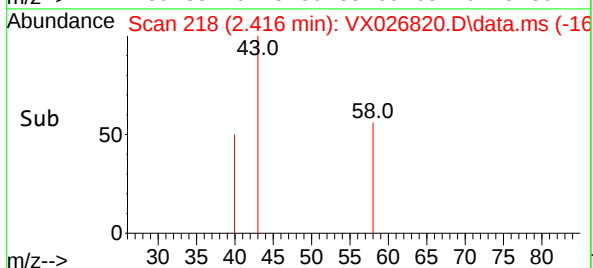
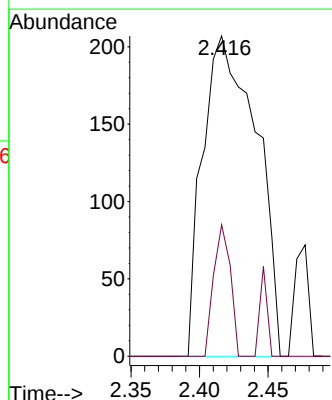
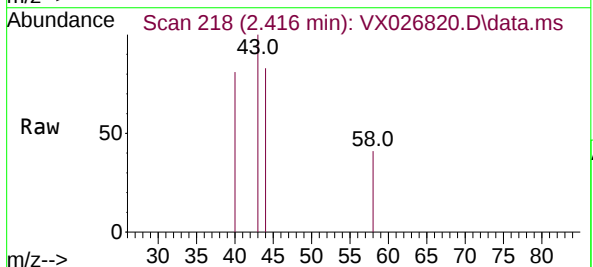
Instrument :
MSVOA_X
ClientSampleId :
282-284

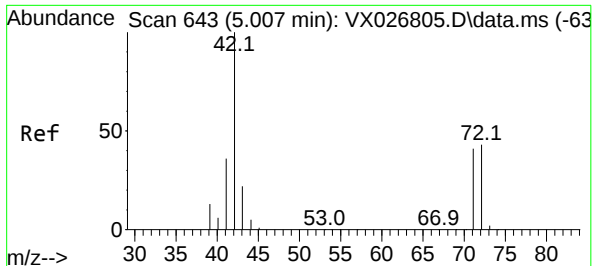
Tgt Ion:142 Resp: 751
Ion Ratio Lower Upper
142 100
127 49.0 38.1 57.1
141 3.1 11.2 16.8#



#16
Acetone
Concen: 0.876 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.031 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 41.1 23.0 34.6#





#29

Tetrahydrofuran

Concen: 0.469 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX026820.D

Acq: 08 Feb 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

282-284

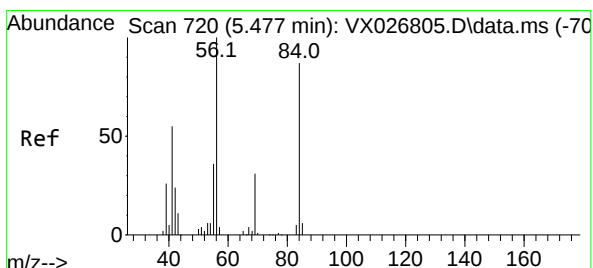
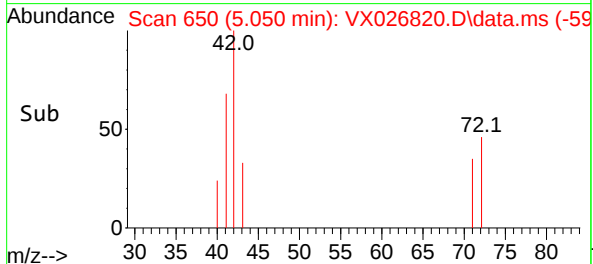
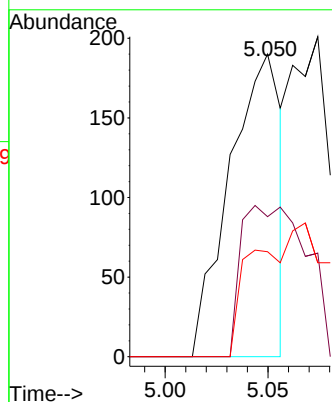
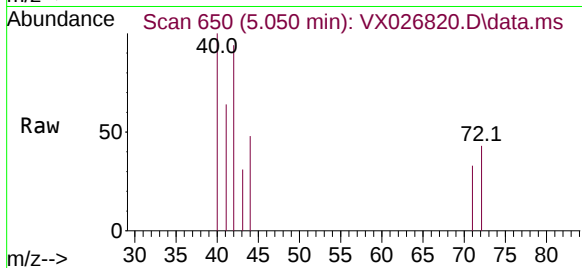
Tgt Ion: 42 Resp: 330

Ion Ratio Lower Upper

42 100

72 63.6 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 1.010 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026820.D

Acq: 08 Feb 2022 14:27

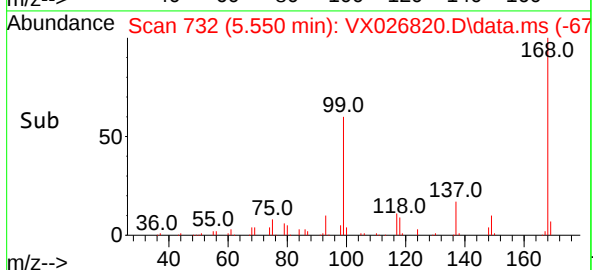
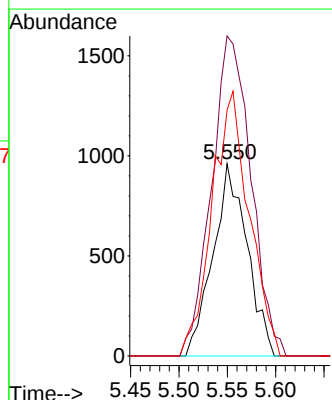
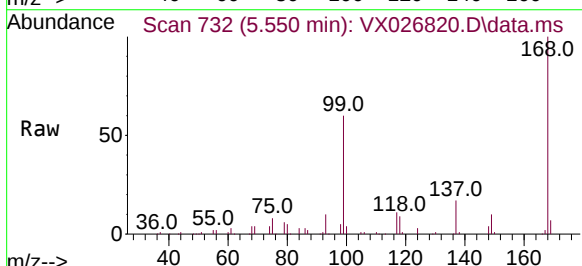
Tgt Ion: 56 Resp: 2349

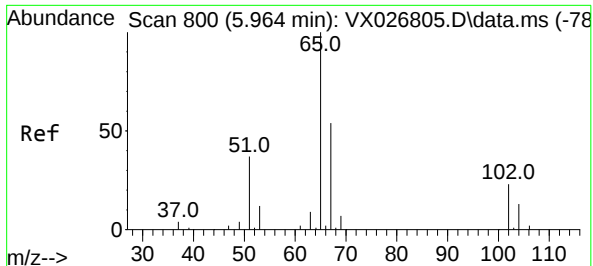
Ion Ratio Lower Upper

56 100

69 166.6 25.8 38.6#

84 128.0 68.9 103.3#

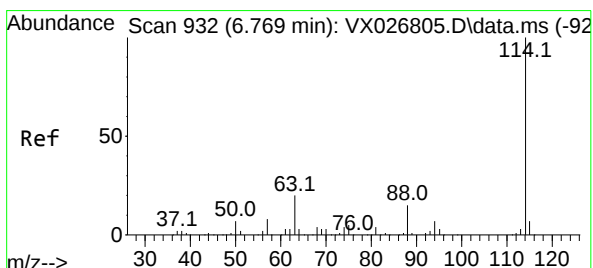
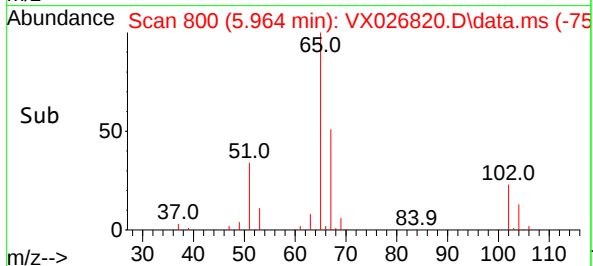
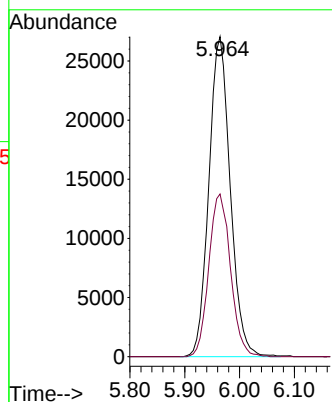
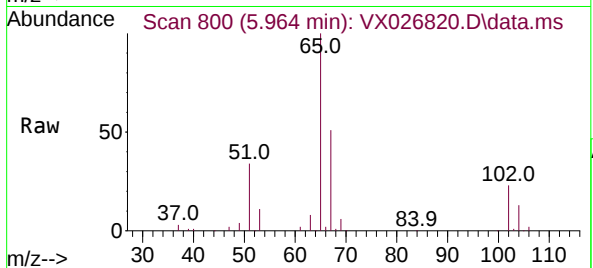




#33
 1,2-Dichloroethane-d4
 Concen: 50.028 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX026820.D
 Acq: 08 Feb 2022 14:27

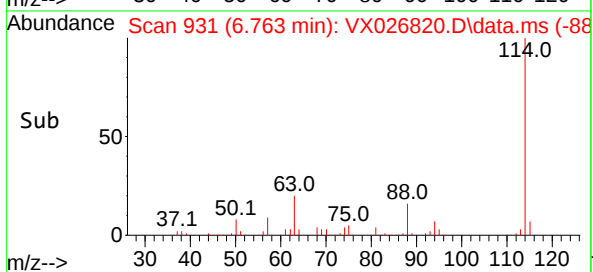
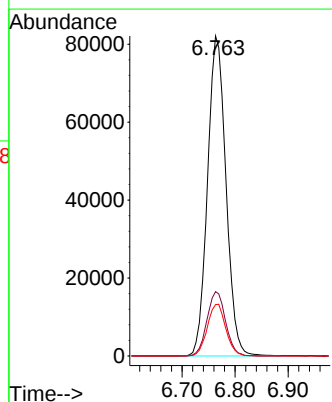
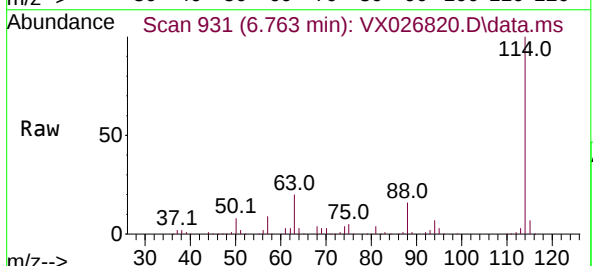
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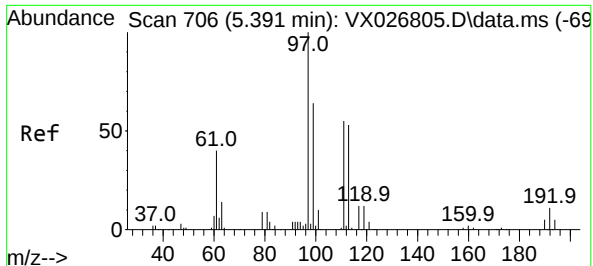
Tgt Ion: 65 Resp: 73192
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026820.D
 Acq: 08 Feb 2022 14:27

Tgt Ion: 114 Resp: 198315
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 16.1 0.0 33.0

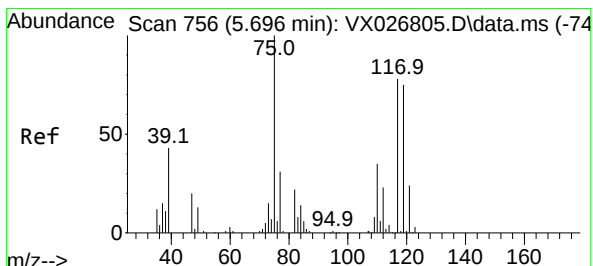
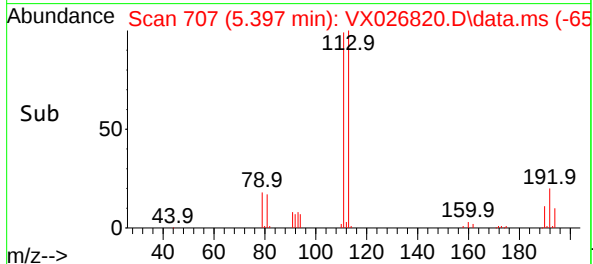
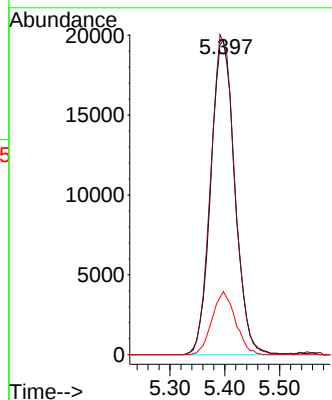
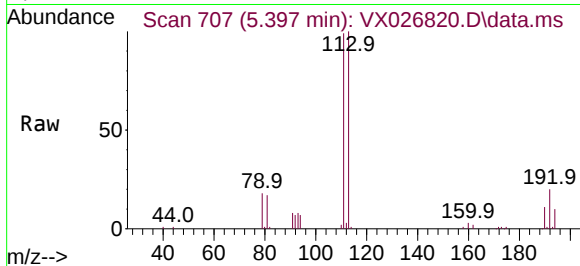




#35
Dibromofluoromethane
Concen: 50.718 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

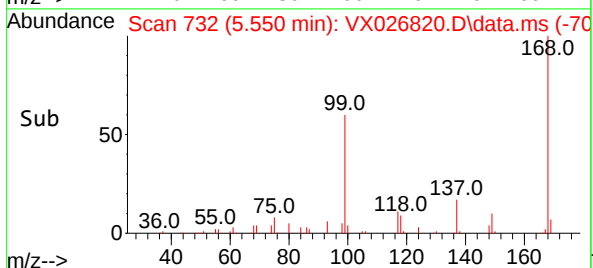
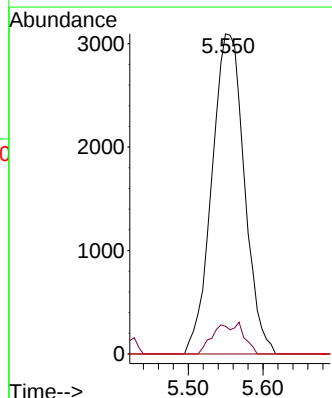
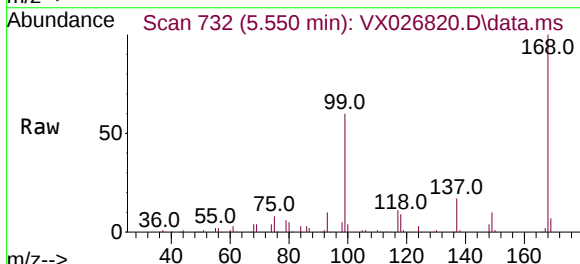
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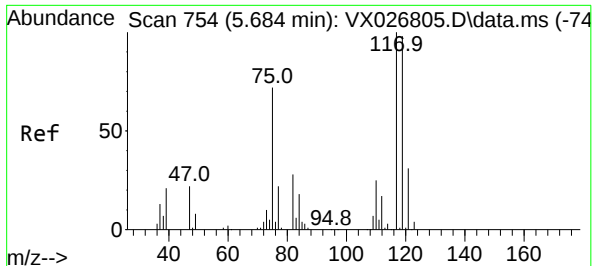
Tgt Ion:113 Resp: 59924
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 19.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Tgt Ion: 75 Resp: 9348
Ion Ratio Lower Upper
75 100
110 5.3 17.2 51.6#
77 0.0 24.6 36.8#

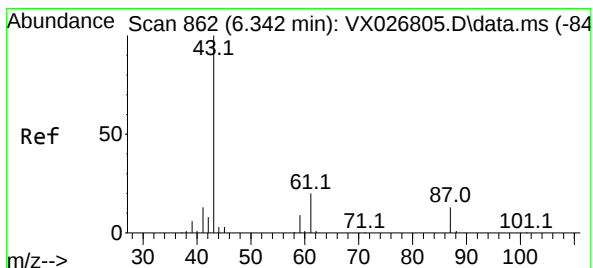
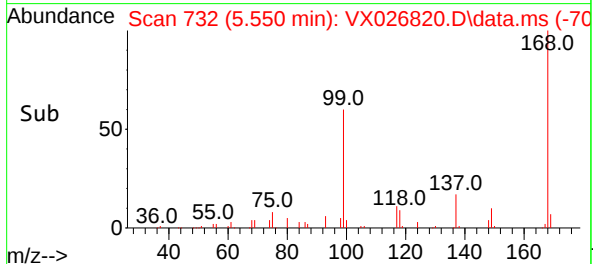
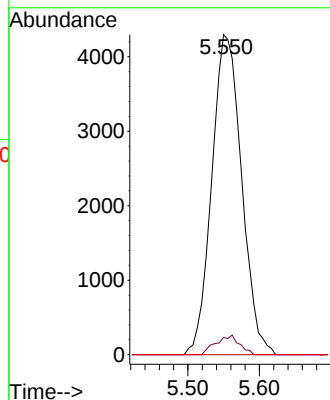
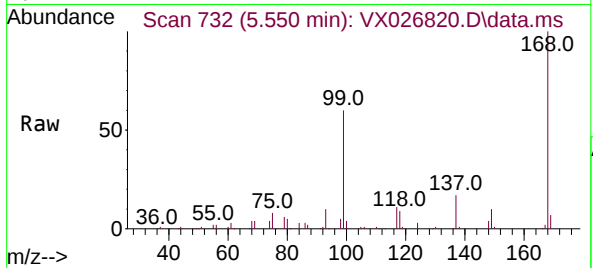




#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

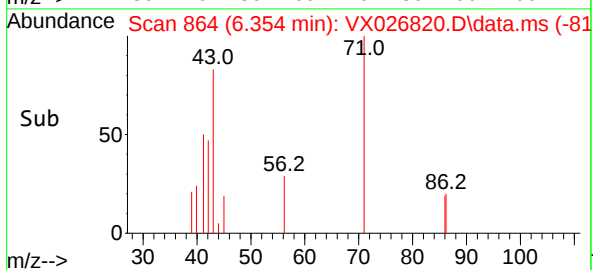
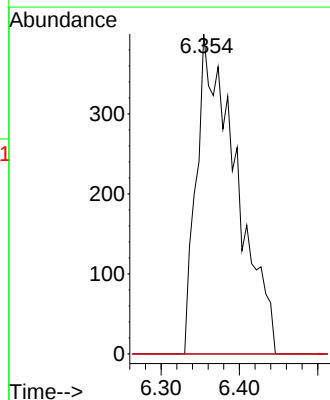
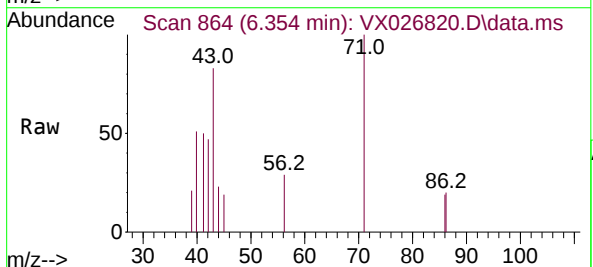
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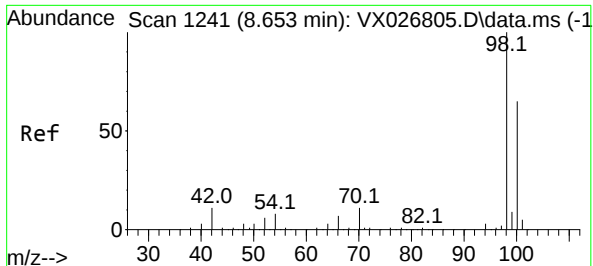
Tgt Ion:117 Resp: 12448
Ion Ratio Lower Upper
117 100
119 5.4 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.431 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.2 15.2#

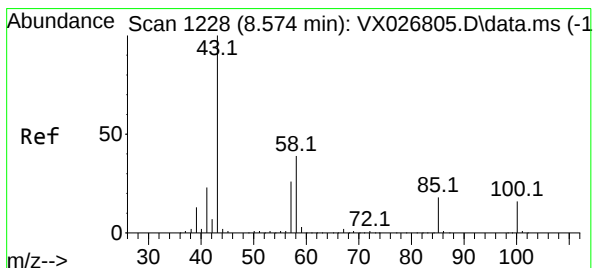
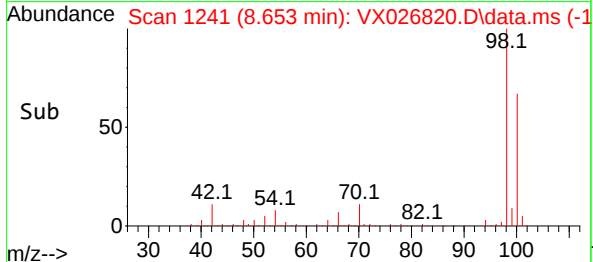
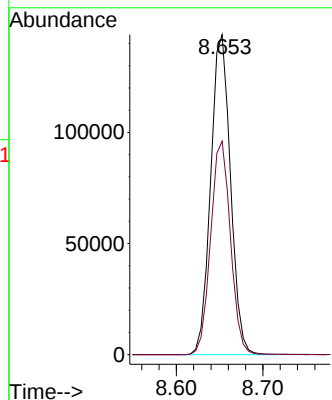
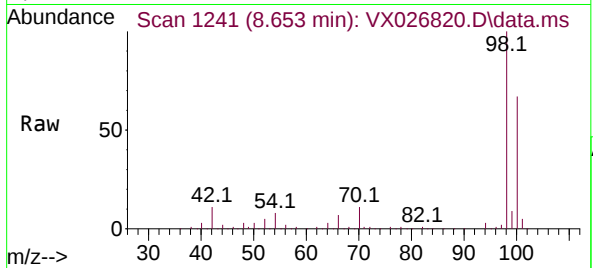




#50
Toluene-d8
Concen: 52.726 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

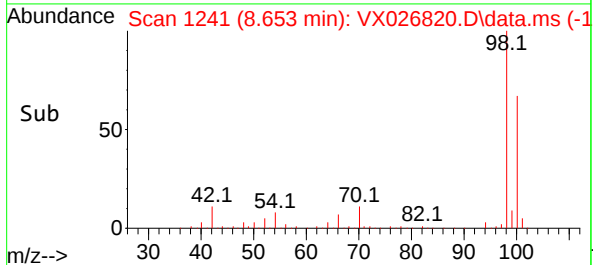
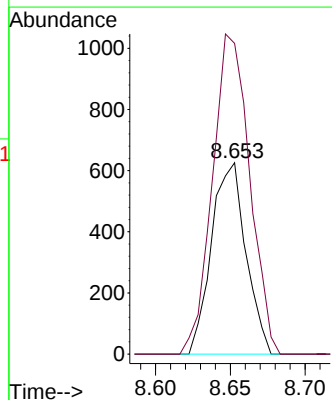
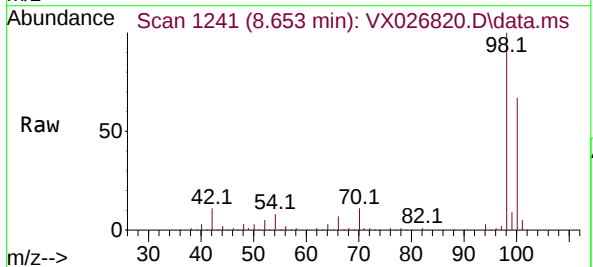
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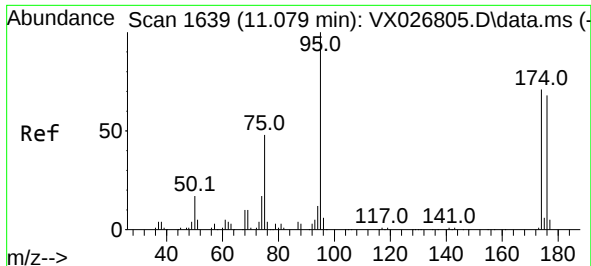
Tgt Ion: 98 Resp: 228675
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.506 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 181.3 30.5 45.7#

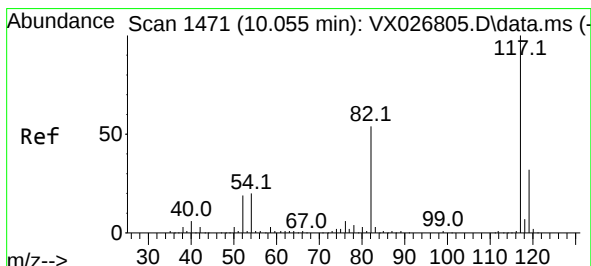
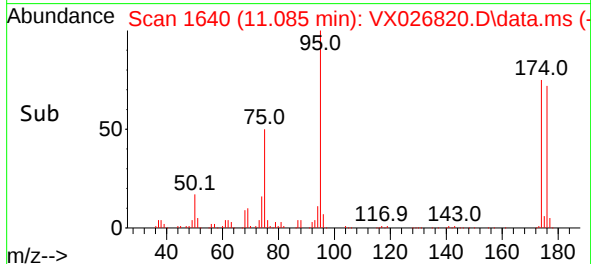
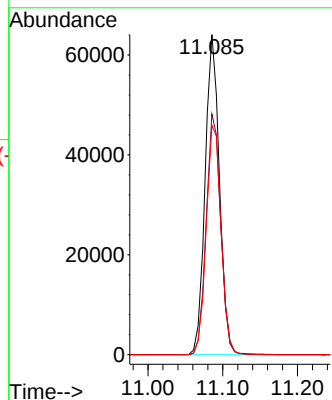
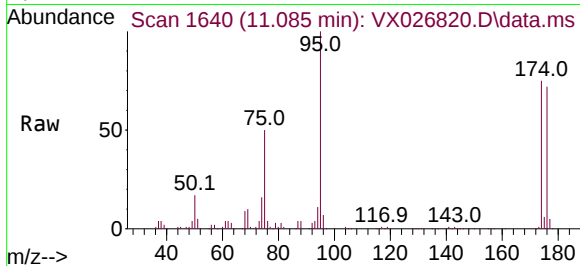




#62
4-Bromofluorobenzene
Concen: 55.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

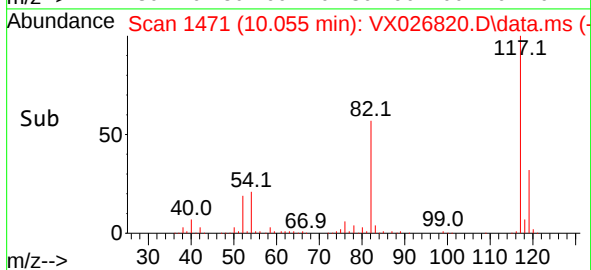
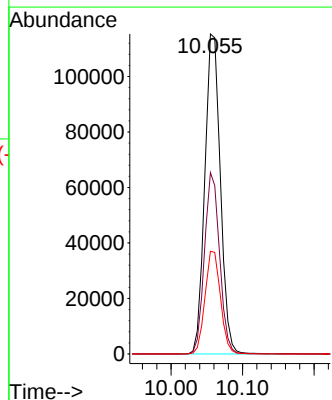
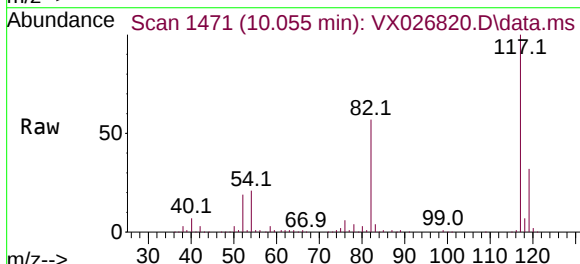
Instrument :
MSVOA_X
ClientSampleId :
282-284

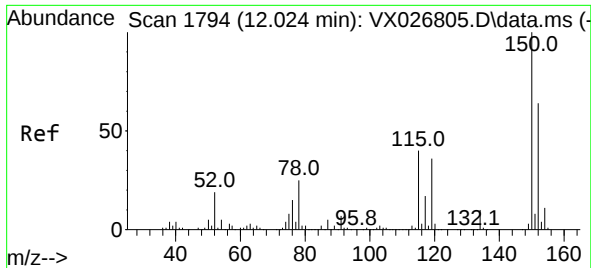
Tgt Ion: 95 Resp: 85062
Ion Ratio Lower Upper
95 100
174 76.8 0.0 148.6
176 74.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Tgt Ion: 117 Resp: 174445
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 32.1 26.2 39.2

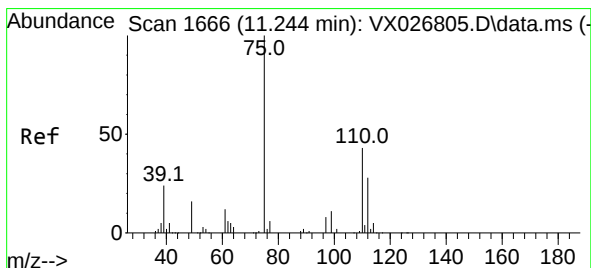
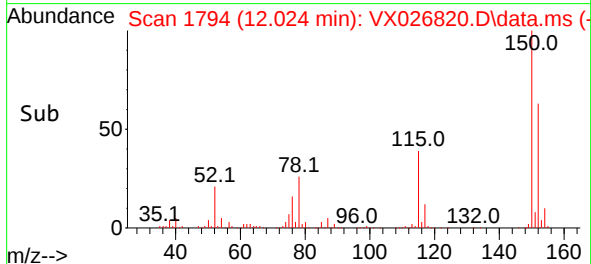
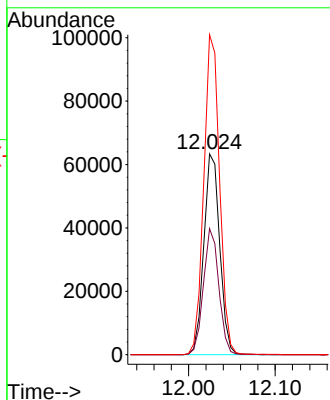
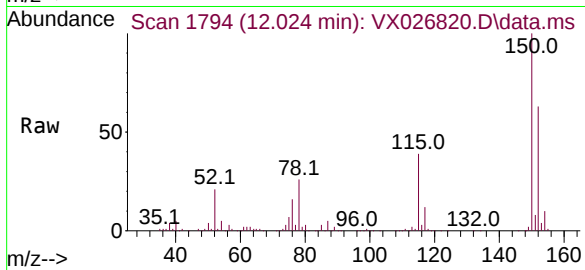




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026820.D
 Acq: 08 Feb 2022 14:27

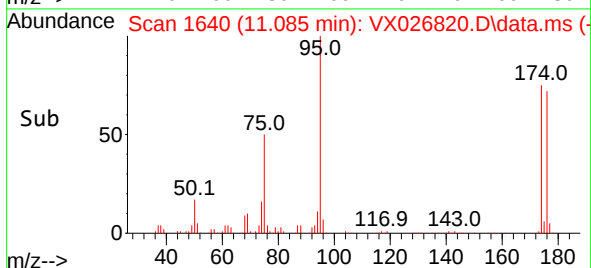
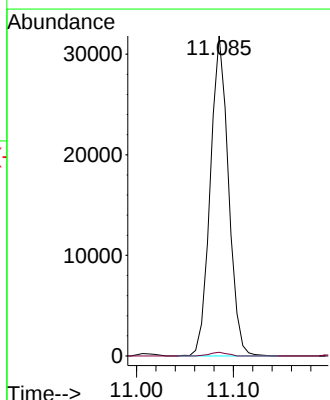
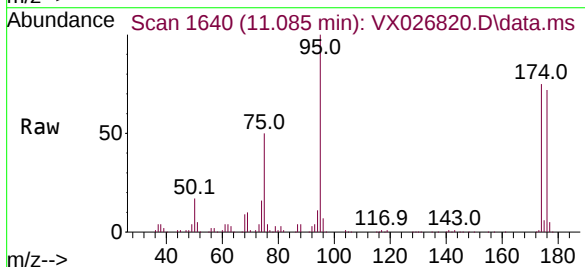
Instrument :
 MSVOA_X
 ClientSampleId :
 282-284

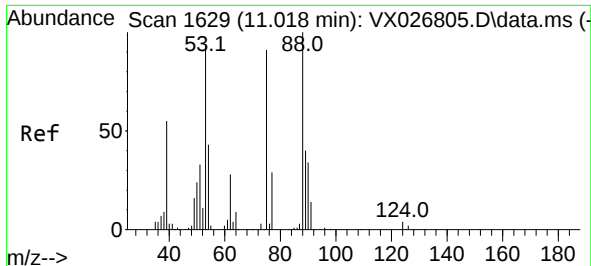
Tgt Ion:152 Resp: 80813
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.2 132.6
 150 158.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 23.483 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX026820.D
 Acq: 08 Feb 2022 14:27

Tgt Ion: 75 Resp: 41542
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#

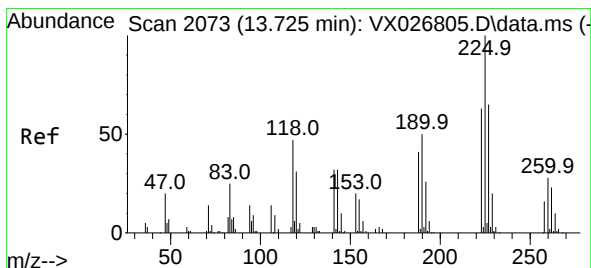
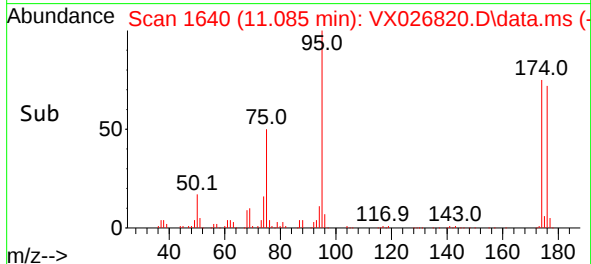
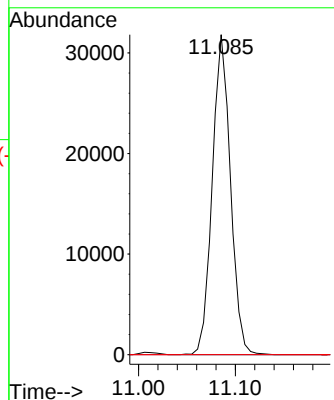
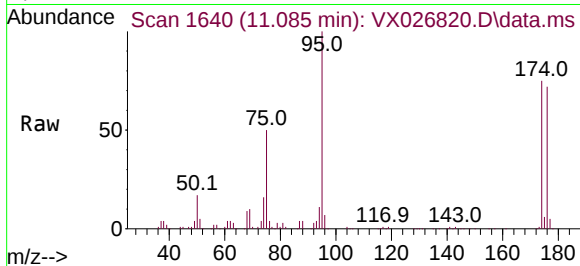




#81
trans-1,4-Dichloro-2-butene
Concen: 71.834 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
282-284

Tgt Ion: 75 Resp: 41542
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.251 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026820.D
Acq: 08 Feb 2022 14:27

Tgt Ion: 225 Resp: 179
Ion Ratio Lower Upper
225 100
223 63.1 32.0 96.0
227 48.0 32.3 96.9

