

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026900.D
 Acq On : 10 Feb 2022 04:29
 Operator : JC/MD
 Sample : N1447-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 07:29:43 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)

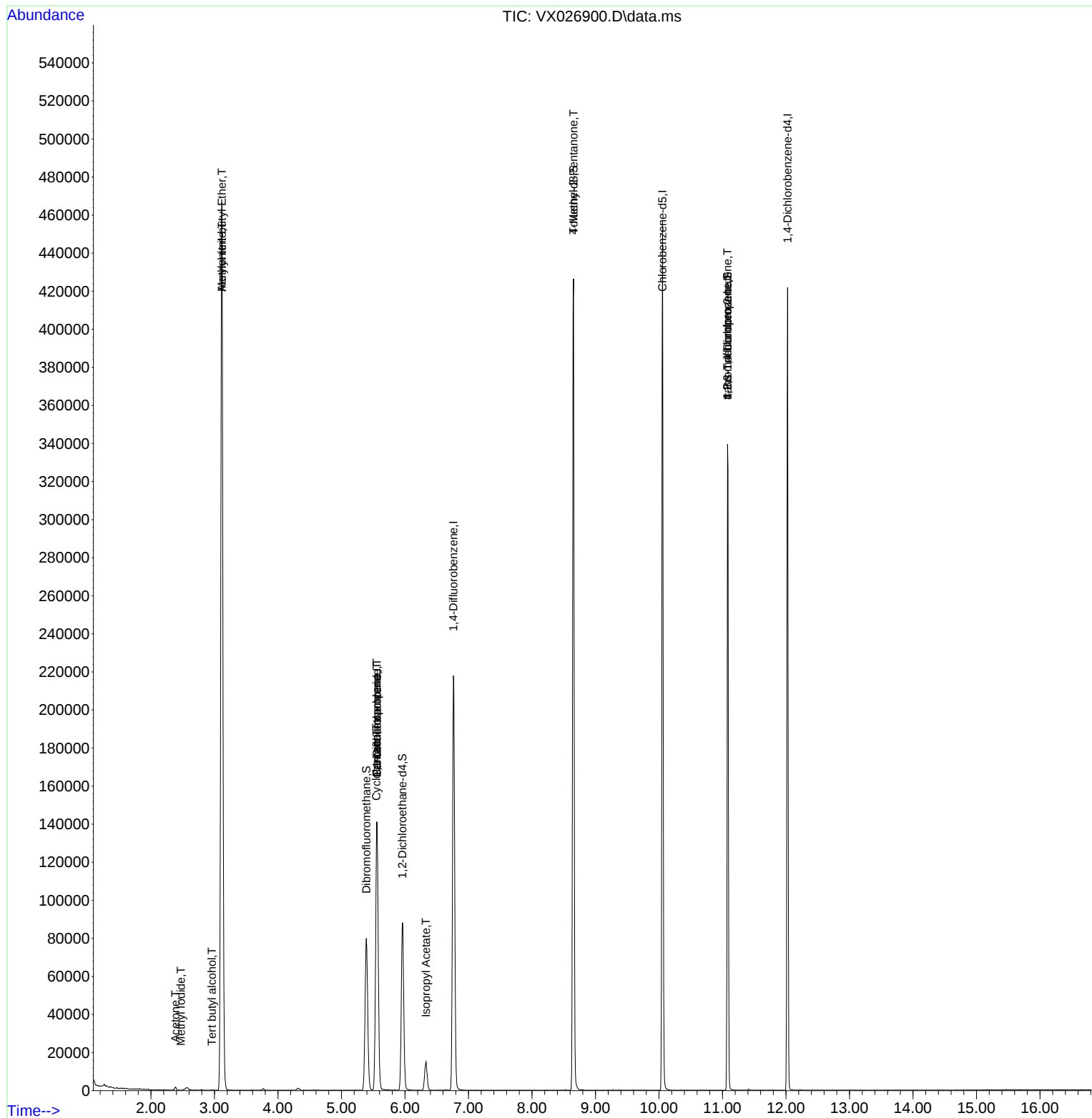
Internal Standards						
1) Pentafluorobenzene	5.556	168	134253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86633	53.757	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.520%	
35) Dibromofluoromethane	5.391	113	70048	52.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	8.653	98	260851	53.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	11.079	95	95010	54.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.760%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.941	64	19	Below Cal	#	43
10) Methyl Iodide	2.471	142	22	2.265	ug/l #	37
11) Tert butyl alcohol	2.959	59	310	1.065	ug/l #	75
15) Acrylonitrile	3.117	53	5384	6.453	ug/l #	27
16) Acetone	2.386	43	1955	2.762	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	519921	106.908	ug/l	98
31) Cyclohexane	5.550	56	2675	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9972	4.719	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13721	6.192	ug/l #	17
43) Isopropyl Acetate	6.330	43	5280	1.429	ug/l #	20
51) 4-Methyl-2-Pentanone	8.653	43	1117	0.499	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47640	25.704	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47640	78.309	ug/l #	3

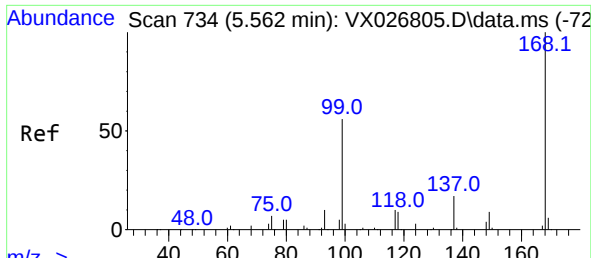
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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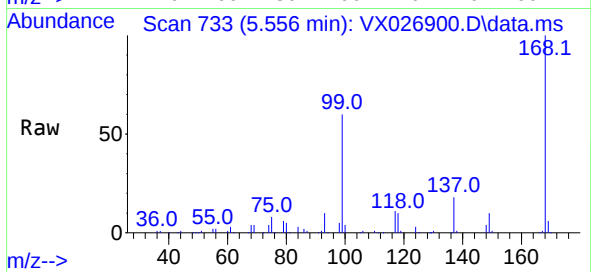
Quant Time: Feb 10 07:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



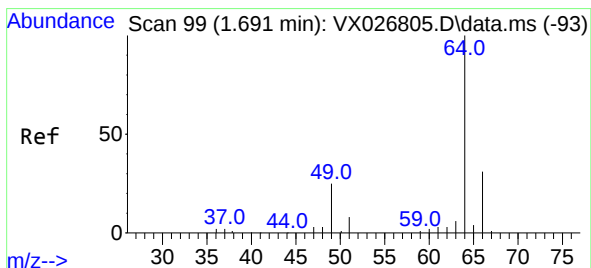
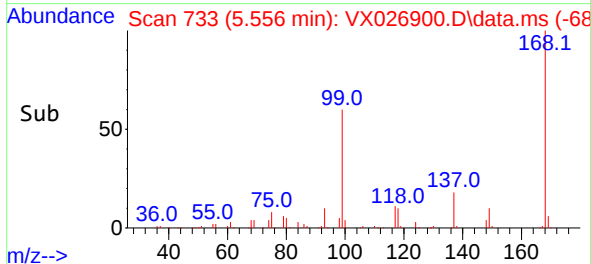
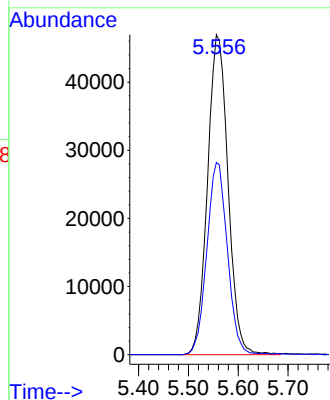


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Instrument :
MSVOA_X
ClientSampleId :

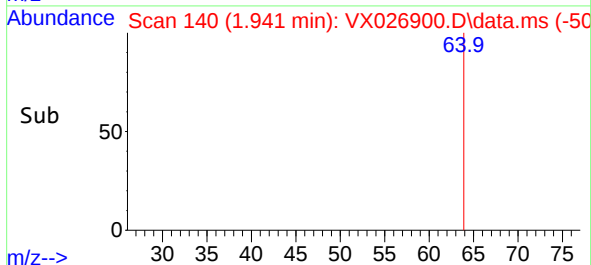
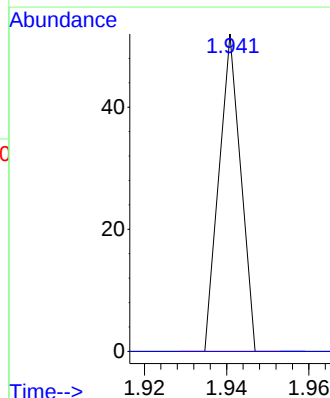
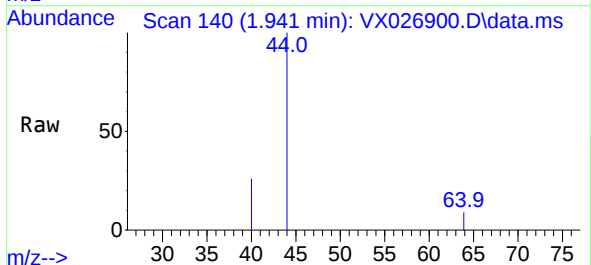


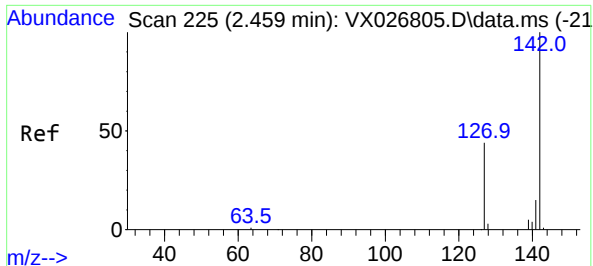
Tgt Ion:168 Resp: 134253
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.941 min Scan# 140
Delta R.T. 0.250 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

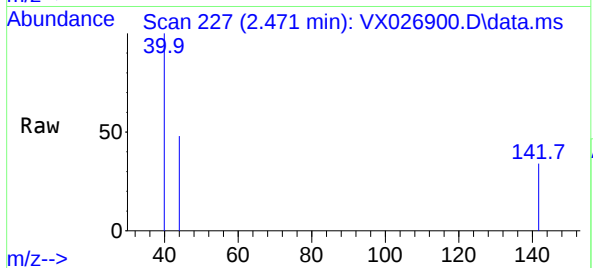
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



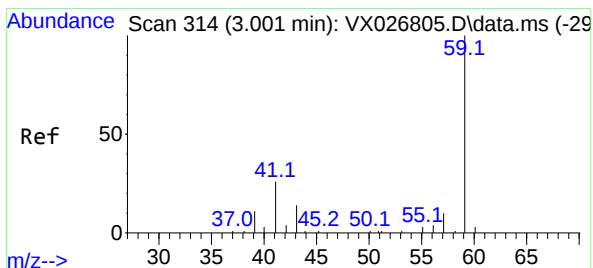
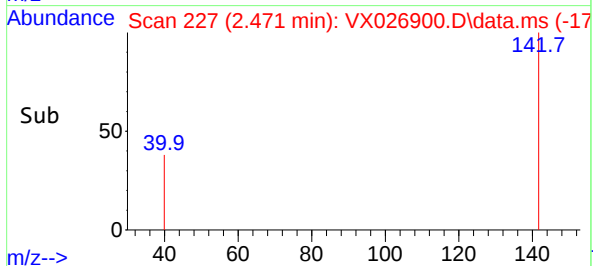
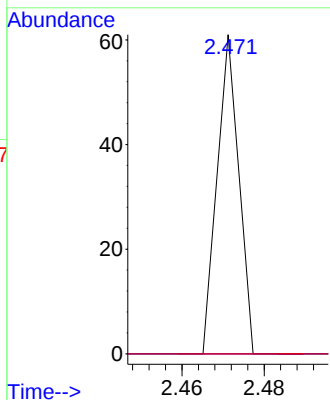


#10
Methyl Iodide
Concen: 2.265 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Instrument :
MSVOA_X
ClientSampleId :

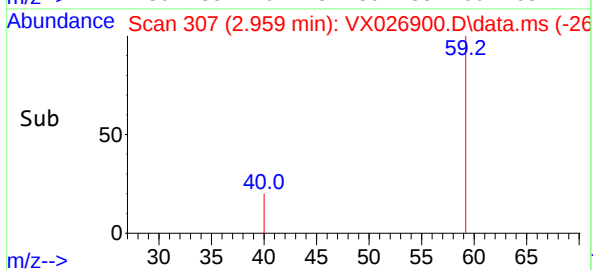
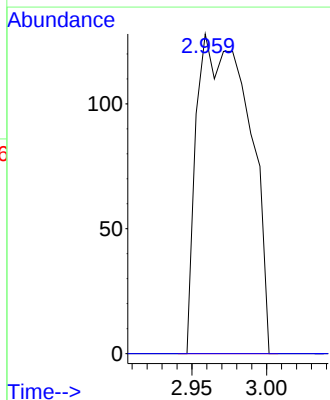
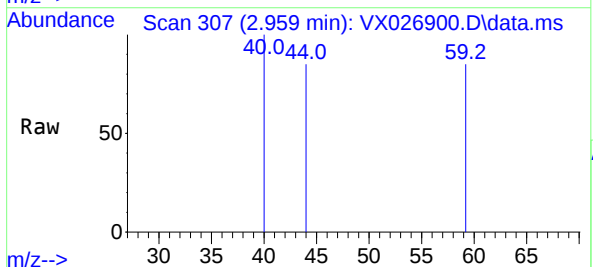


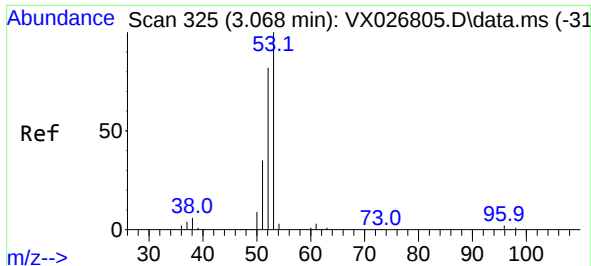
Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.065 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.042 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

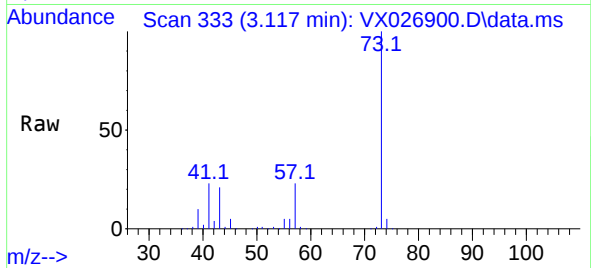
Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



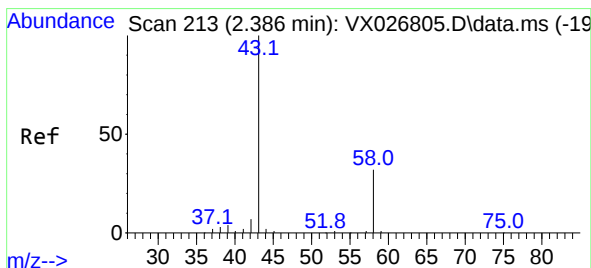
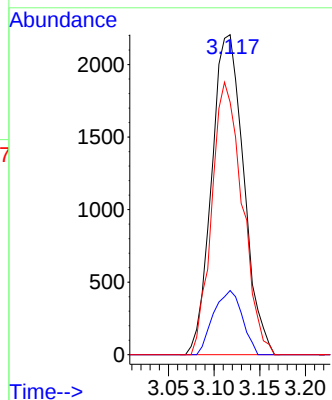


#15
Acrylonitrile
Concen: 6.453 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.049 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Instrument :
MSVOA_X
ClientSampleId :

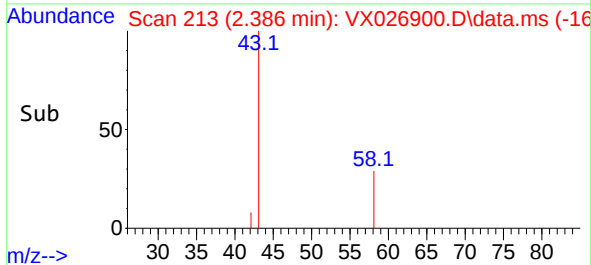
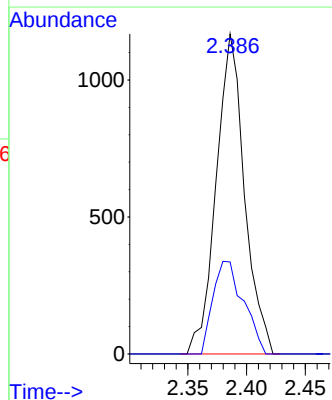
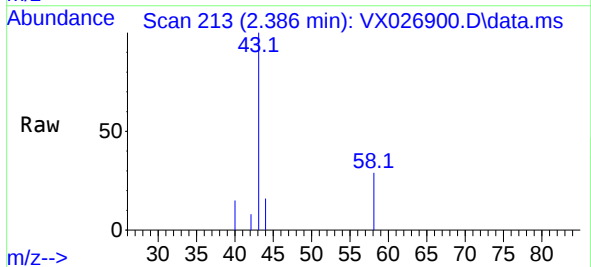


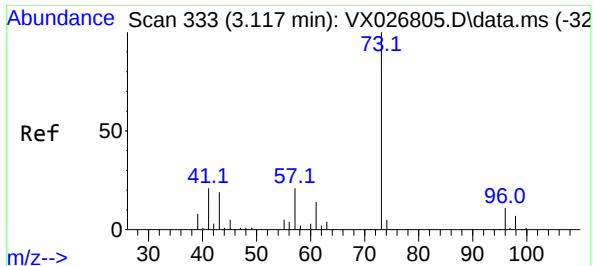
Tgt Ion: 53 Resp: 5384
Ion Ratio Lower Upper
53 100
52 17.9 66.6 100.0#
51 81.1 29.5 44.3#



#16
Acetone
Concen: 2.762 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
58 28.8 23.0 34.6

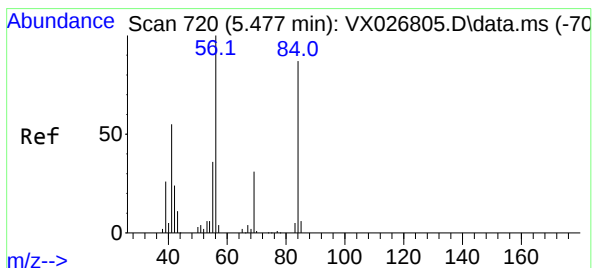
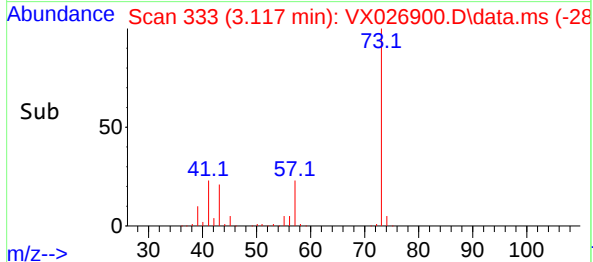
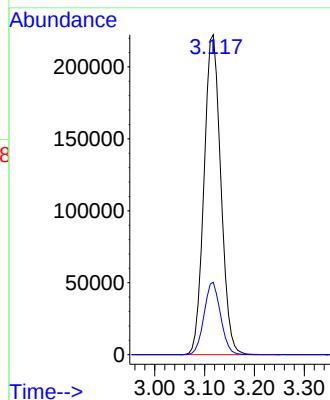
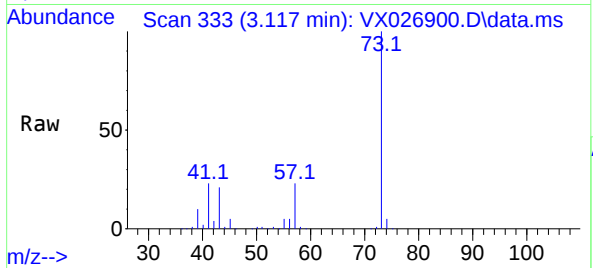




#19
Methyl tert-butyl Ether
Concen: 106.908 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

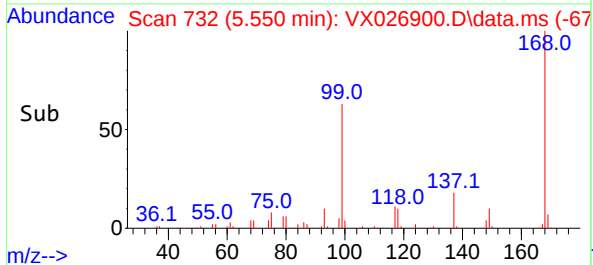
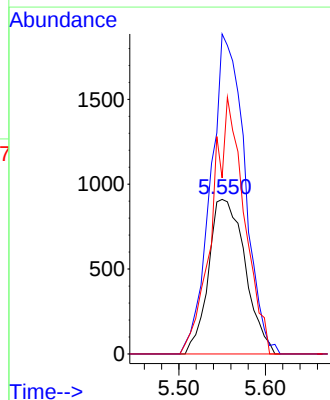
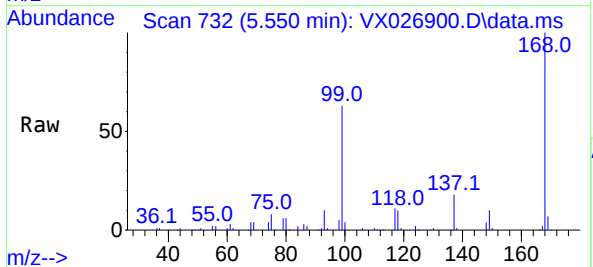
Instrument :
MSVOA_X
ClientSampleId :

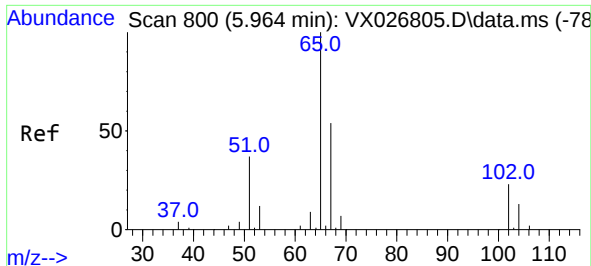
Tgt Ion: 73 Resp: 519921
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2



#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Tgt Ion: 56 Resp: 2675
Ion Ratio Lower Upper
56 100
69 207.0 25.8 38.6#
84 113.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.757 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026900.D

Acq: 10 Feb 2022 04:29

Instrument :

MSVOA_X

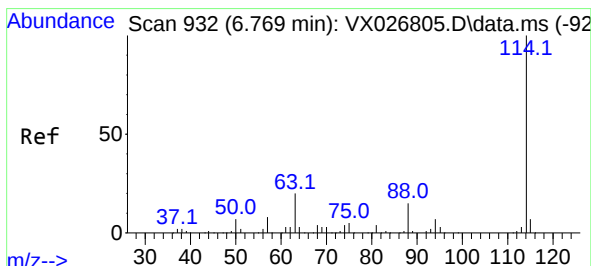
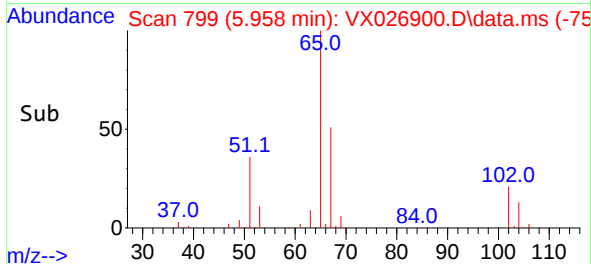
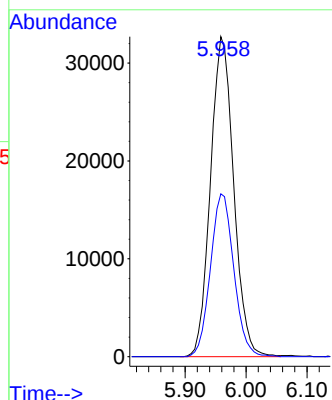
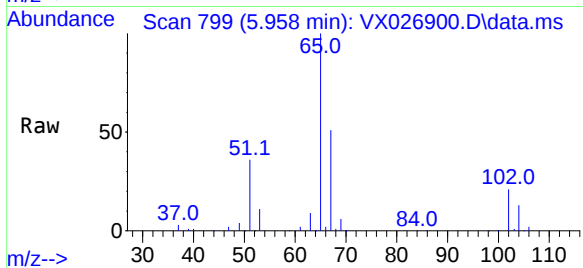
ClientSampleId :

Tgt Ion: 65 Resp: 86633

Ion Ratio Lower Upper

65 100

67 51.2 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: VX026900.D

Acq: 10 Feb 2022 04:29

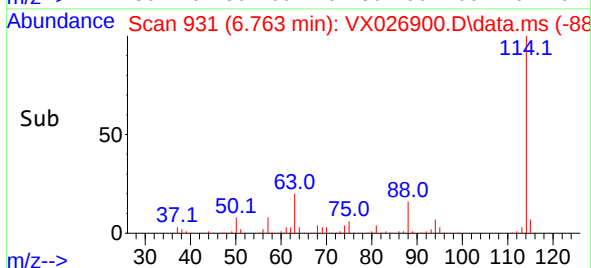
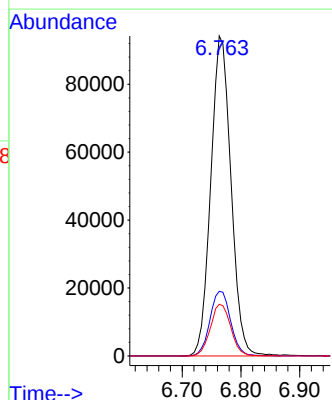
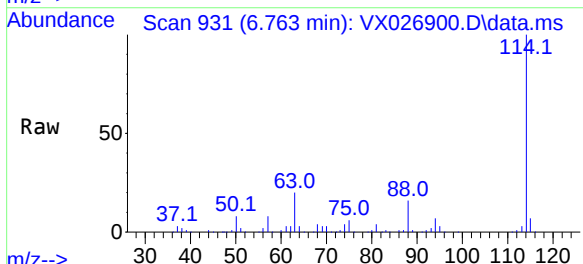
Tgt Ion: 114 Resp: 224843

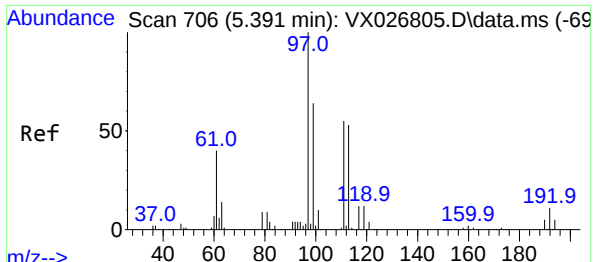
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

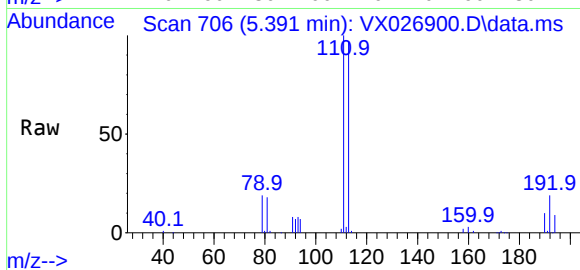
88 16.2 0.0 33.0





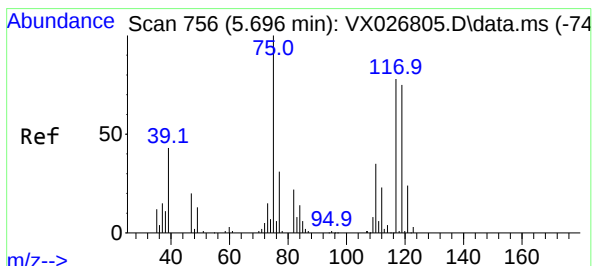
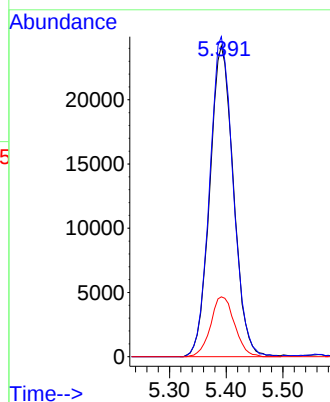
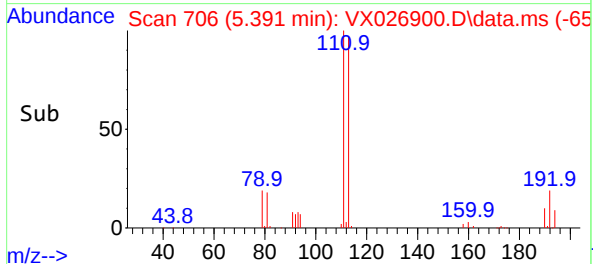
#35
Dibromofluoromethane
Concen: 52.292 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Instrument :
MSVOA_X
ClientSampleId :

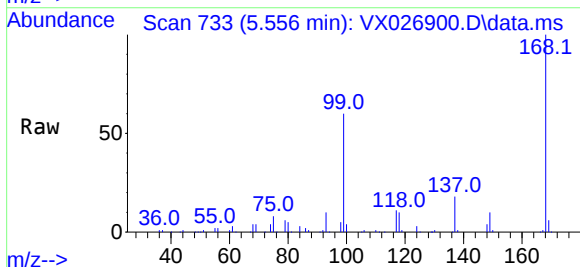


Tgt Ion:113 Resp: 70048

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	19.5	15.0	22.4

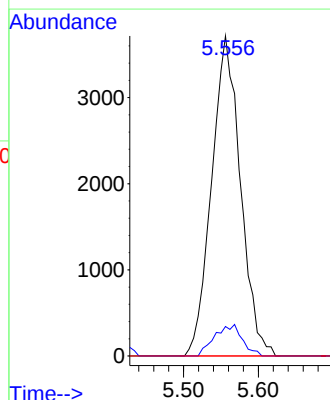
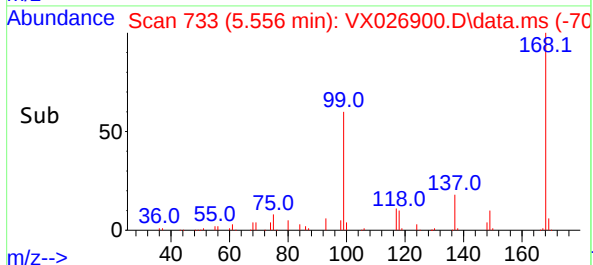


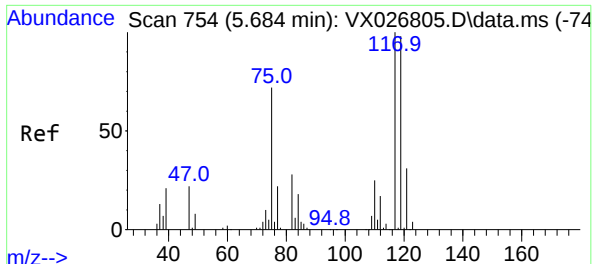
#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29



Tgt Ion: 75 Resp: 9972

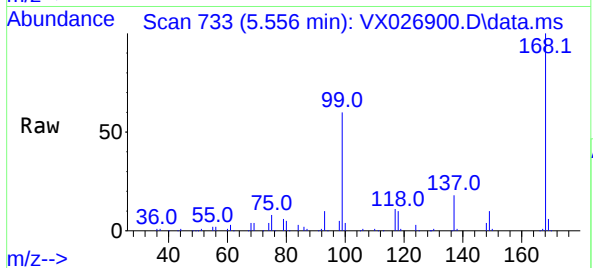
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.2	51.6#
77	0.0	24.6	36.8#



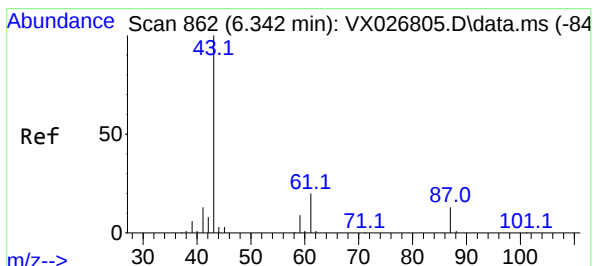
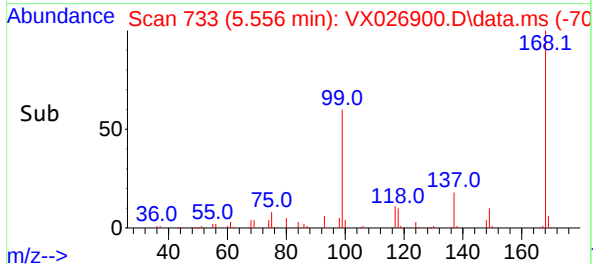
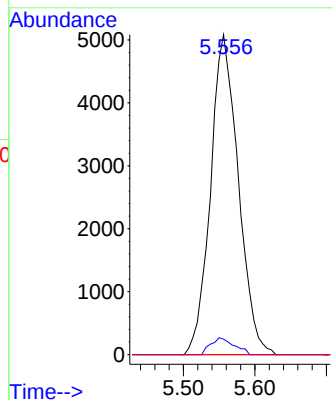


#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Instrument :
MSVOA_X
ClientSampleId :

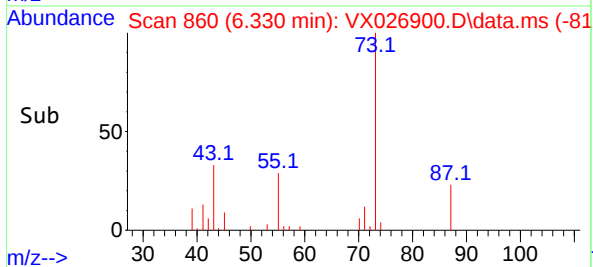
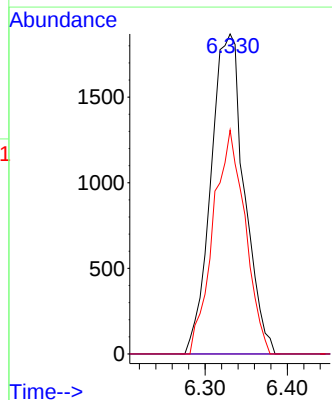
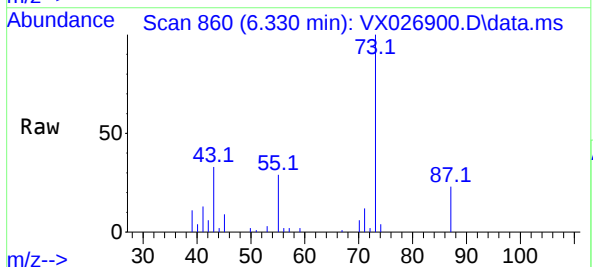


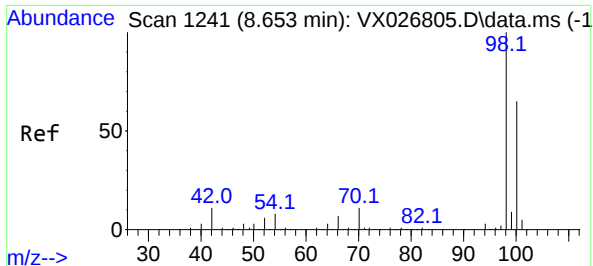
Tgt Ion:117 Resp: 13721
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 1.429 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Tgt Ion: 43 Resp: 5280
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 67.0 10.2 15.2#

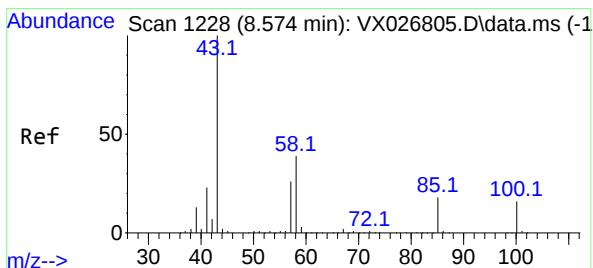
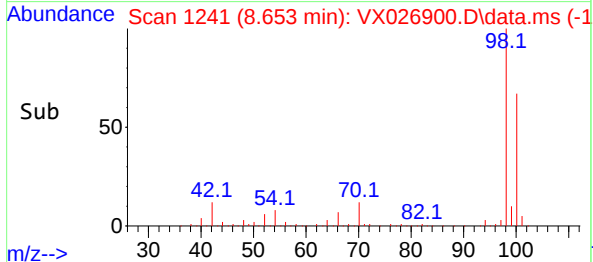
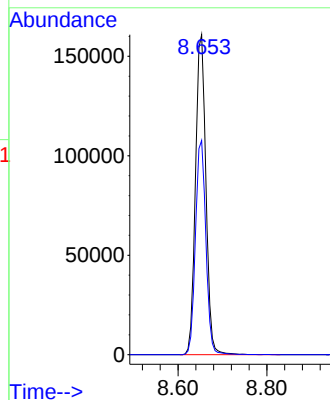
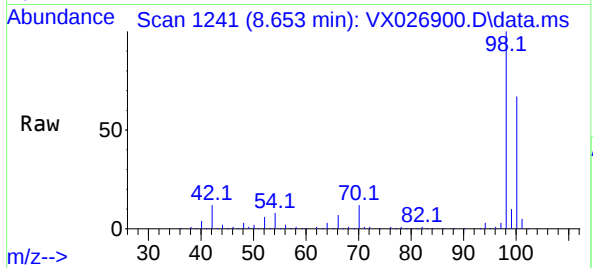




#50
Toluene-d8
Concen: 53.049 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

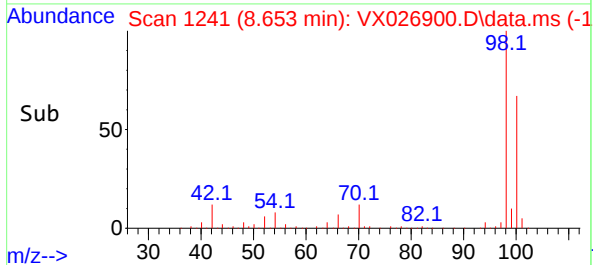
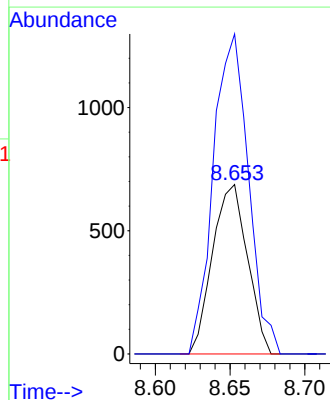
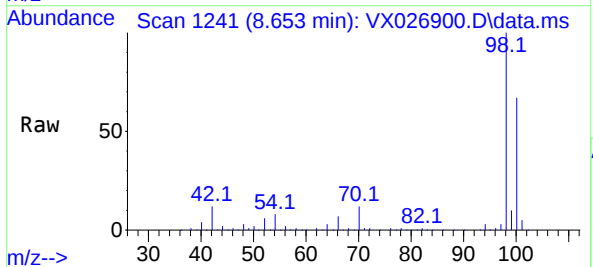
Instrument :
MSVOA_X
ClientSampleId :

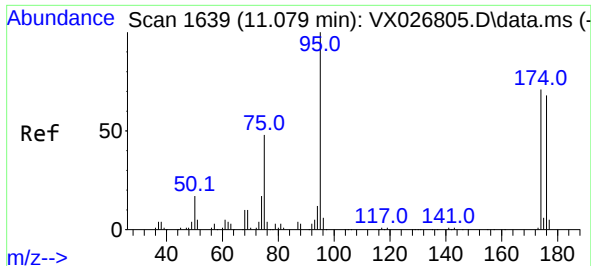
Tgt Ion: 98 Resp: 260851
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 189.7 30.5 45.7#

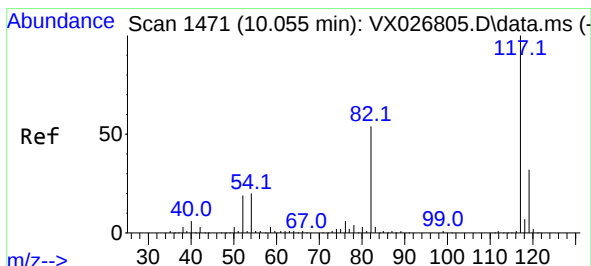
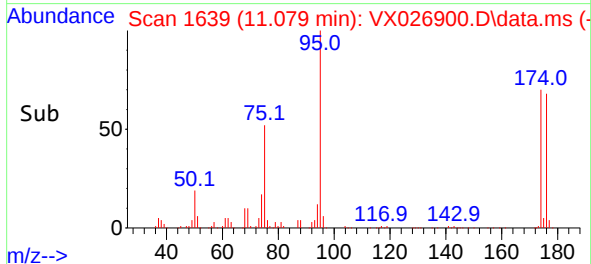
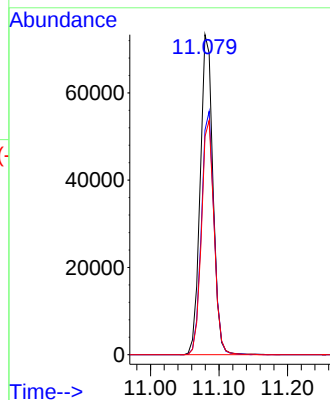
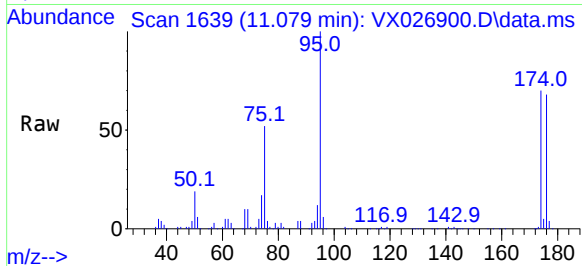




#62
4-Bromofluorobenzene
Concen: 54.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

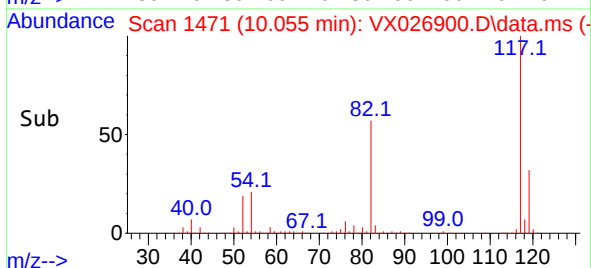
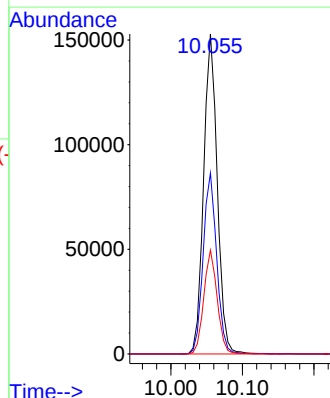
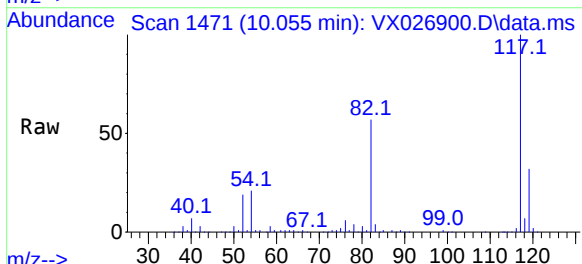
Instrument :
MSVOA_X
ClientSampleId :

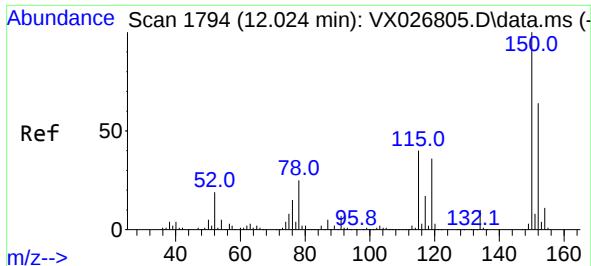
Tgt Ion: 95 Resp: 95010
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 72.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

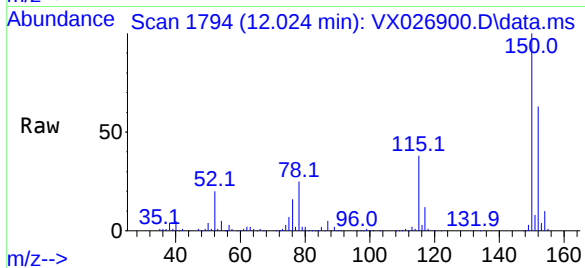
Tgt Ion: 117 Resp: 202691
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.4 26.2 39.2



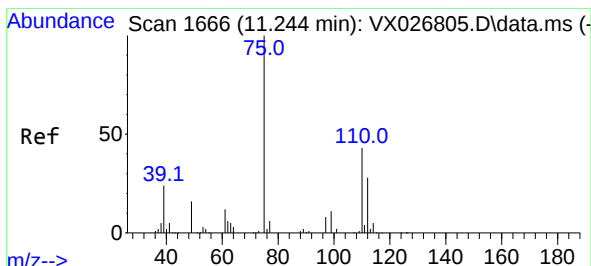
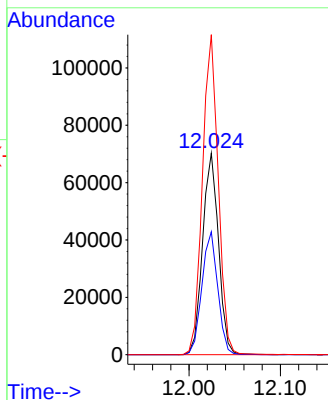
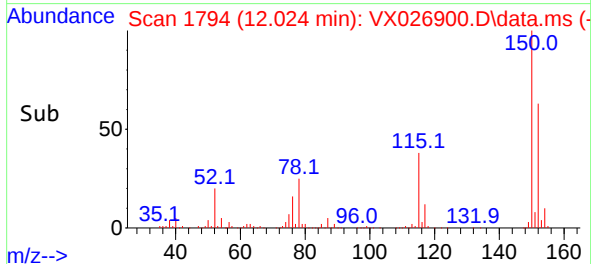


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026900.D
 Acq: 10 Feb 2022 04:29

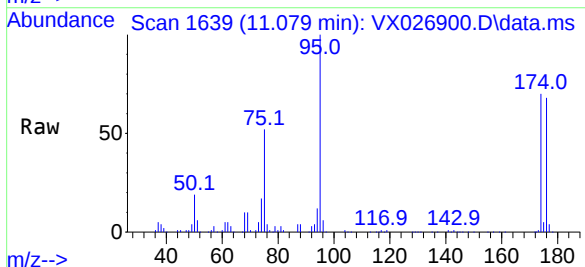
Instrument :
 MSVOA_X
 ClientSampleId :



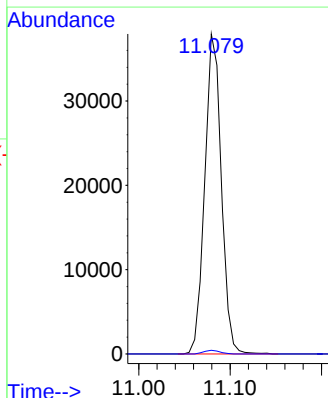
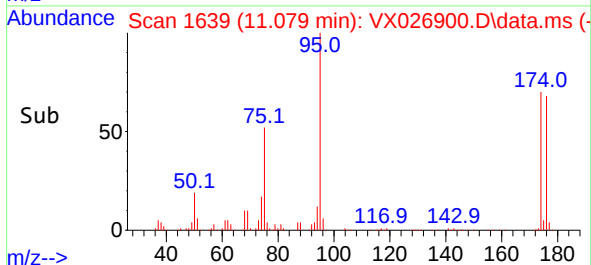
Tgt Ion:152 Resp: 84666
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.2 132.6
 150 158.0 0.0 348.2

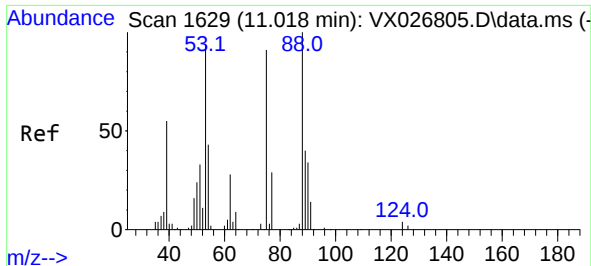


#76
 1,2,3-Trichloropropane
 Concen: 25.704 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026900.D
 Acq: 10 Feb 2022 04:29



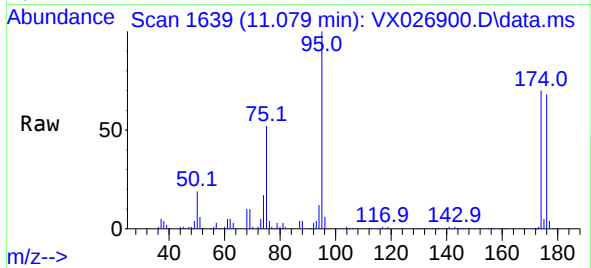
Tgt Ion: 75 Resp: 47640
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.309 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026900.D
Acq: 10 Feb 2022 04:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 47640
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

