

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026896.D
 Acq On : 10 Feb 2022 02:57
 Operator : JC/MD
 Sample : N1446-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 03:54:18 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)

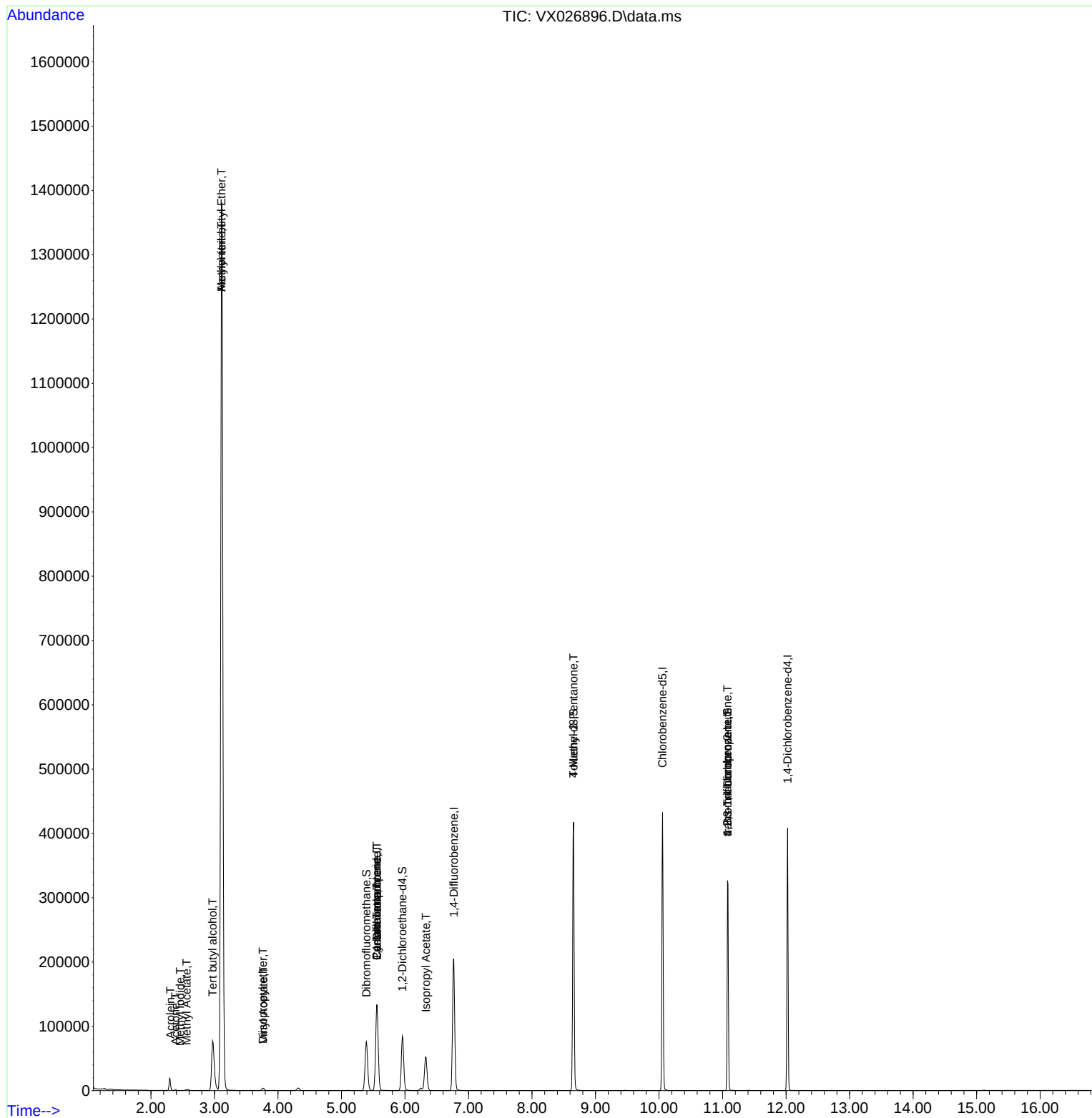
Internal Standards						
1) Pentafluorobenzene	5.556	168	126195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82856	54.696	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.400%	
35) Dibromofluoromethane	5.391	113	66979	52.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	8.653	98	249005	53.538	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	11.079	95	93447	57.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.140%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	105	2.310	ug/l #	37
11) Tert butyl alcohol	2.971	59	120649	440.869	ug/l	96
13) Acrolein	2.306	56	113	0.447	ug/l #	1
15) Acrylonitrile	3.111	53	16206	20.665	ug/l #	30
16) Acetone	2.386	43	1519	2.283	ug/l	97
18) Methyl Acetate	2.562	43	561	0.293	ug/l #	53
19) Methyl tert-butyl Ether	3.111	73	1555505	340.271	ug/l	99
22) Diisopropyl ether	3.763	45	4087	0.887	ug/l #	74
23) Vinyl Acetate	3.769	43	2038	0.526	ug/l #	73
31) Cyclohexane	5.556	56	2516	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9820	4.913	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12772	6.093	ug/l #	18
43) Isopropyl Acetate	6.330	43	19129	5.473	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1099	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46537	25.863	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46537	78.771	ug/l #	3

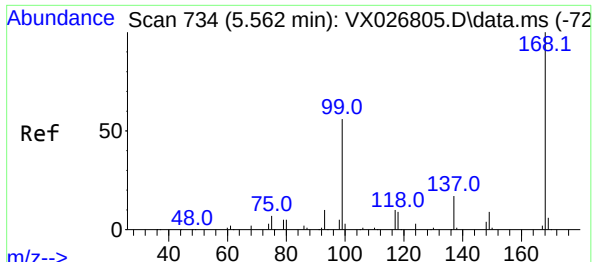
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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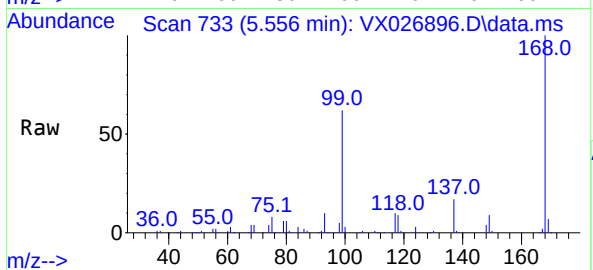
Quant Time: Feb 10 03:54:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



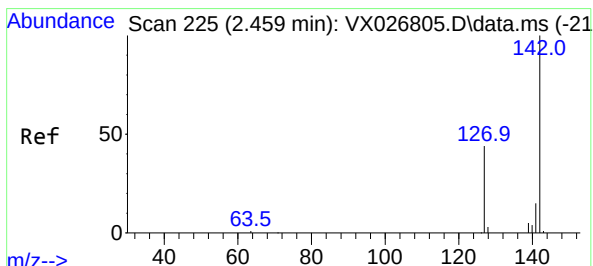
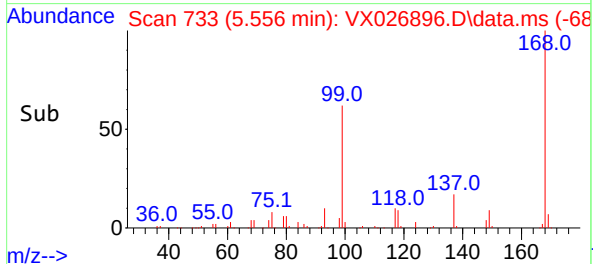
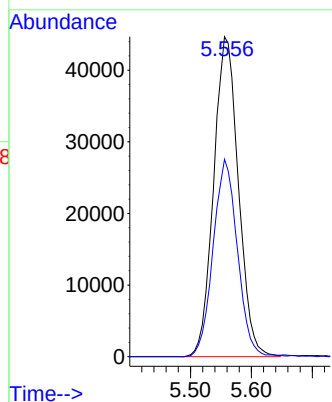


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Instrument :
MSVOA_X
ClientSampleId :

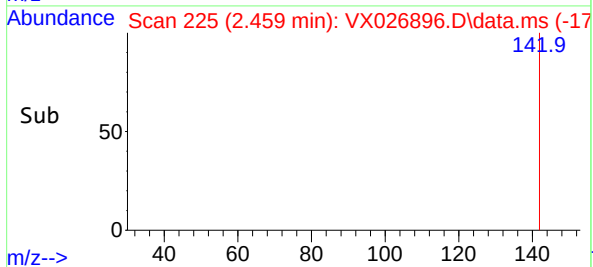
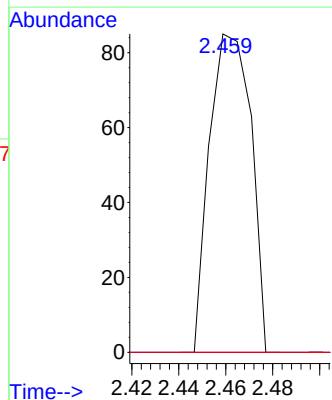
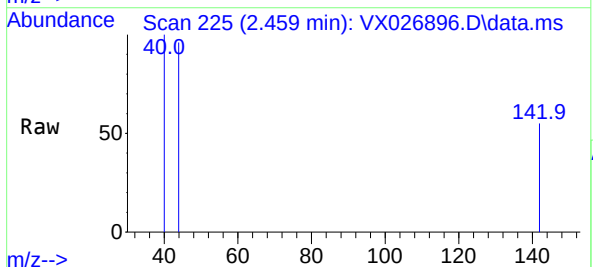


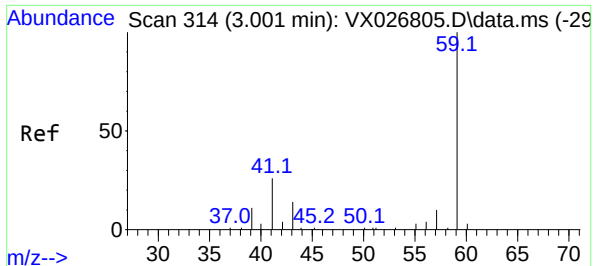
Tgt Ion:168 Resp: 126195
Ion Ratio Lower Upper
168 100
99 61.7 50.3 75.5



#10
Methyl Iodide
Concen: 2.310 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Tgt Ion:142 Resp: 105
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: 440.869 ug/l

RT: 2.971 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX026896.D

Acq: 10 Feb 2022 02:57

Instrument :

MSVOA_X

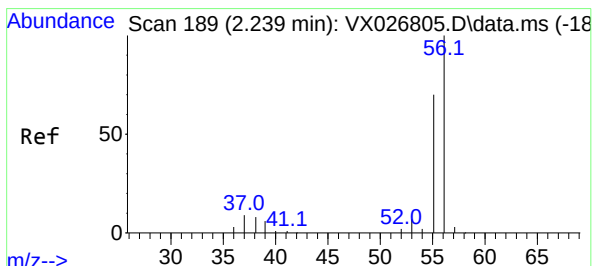
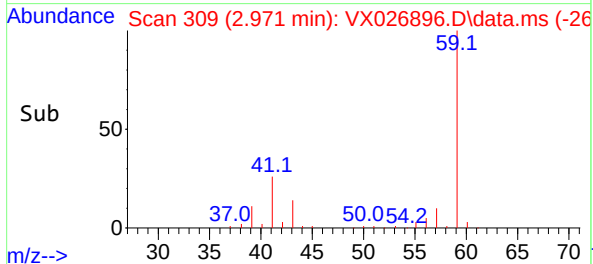
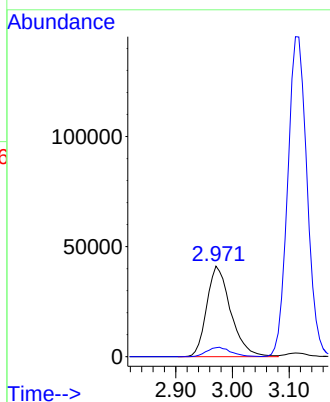
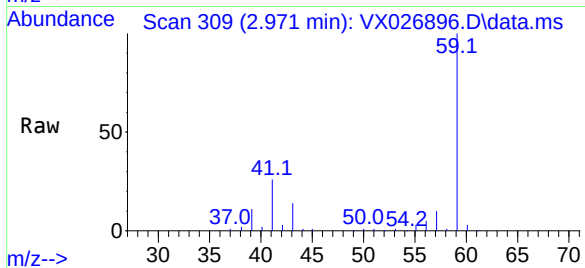
ClientSampleId :

Tgt Ion: 59 Resp: 120649

Ion Ratio Lower Upper

59 100

57 10.6 7.2 10.8



#13

Acrolein

Concen: 0.447 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.067 min

Lab File: VX026896.D

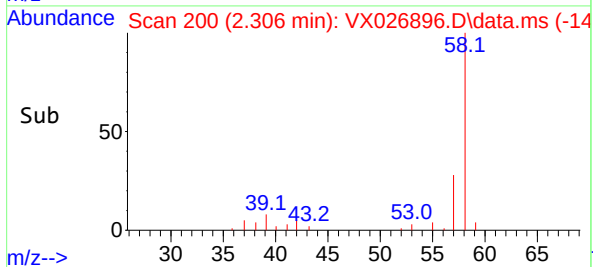
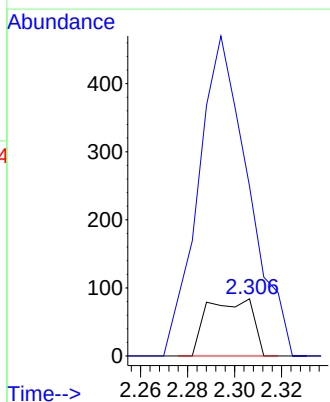
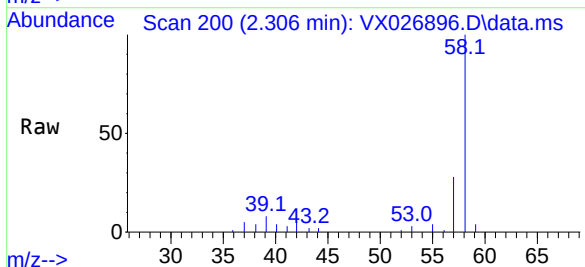
Acq: 10 Feb 2022 02:57

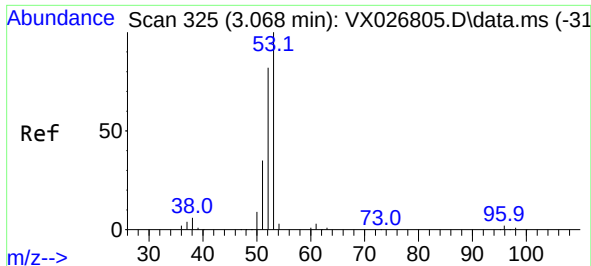
Tgt Ion: 56 Resp: 113

Ion Ratio Lower Upper

56 100

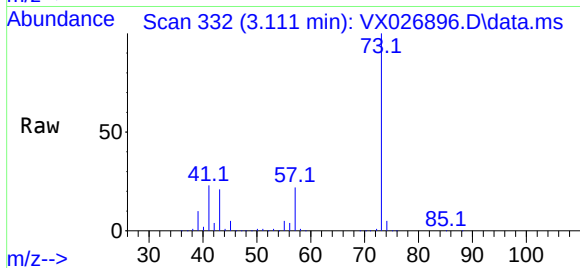
55 619.5 56.9 85.3#



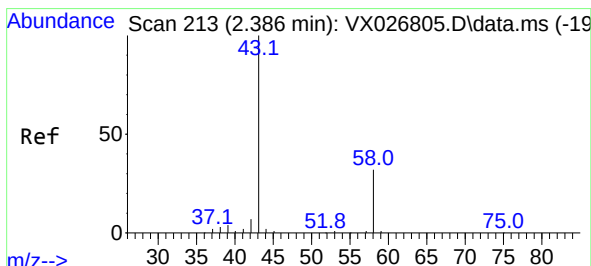
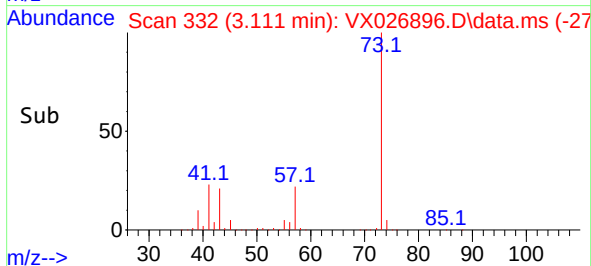
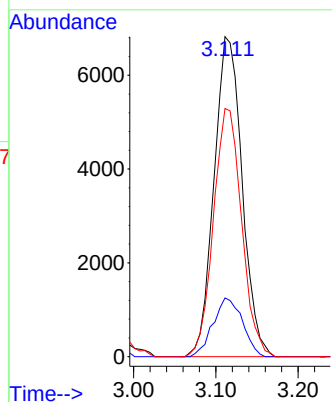


#15
Acrylonitrile
Concen: 20.665 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.043 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Instrument :
MSVOA_X
ClientSampleId :

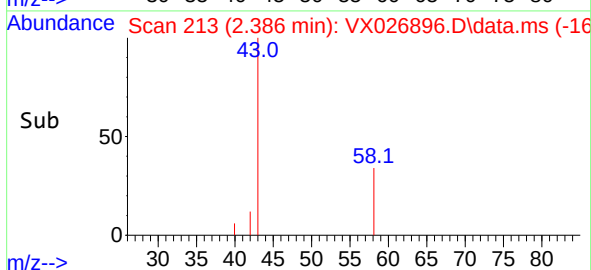
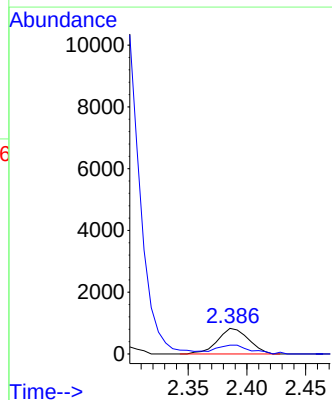
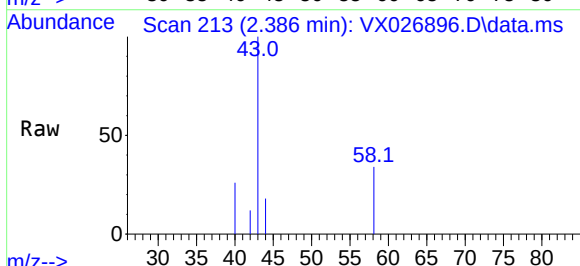


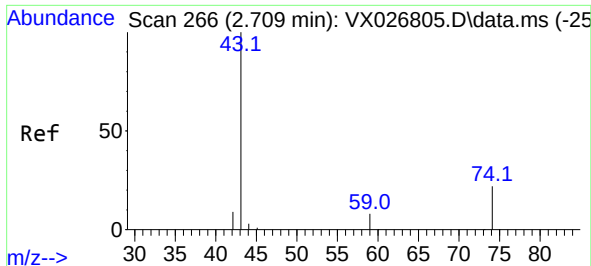
Tgt Ion: 53 Resp: 16206
Ion Ratio Lower Upper
53 100
52 19.2 66.6 100.0#
51 77.7 29.5 44.3#



#16
Acetone
Concen: 2.283 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 27.1 23.0 34.6





#18

Methyl Acetate

Concen: 0.293 ug/l

RT: 2.562 min Scan# 24

Delta R.T. -0.146 min

Lab File: VX026896.D

Acq: 10 Feb 2022 02:57

Instrument :

MSVOA_X

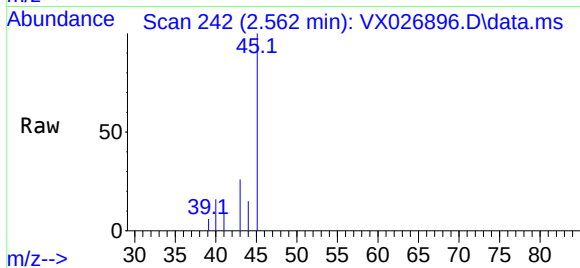
ClientSampleId :

Tgt Ion: 43 Resp: 561

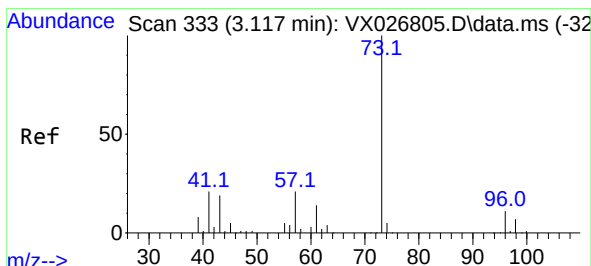
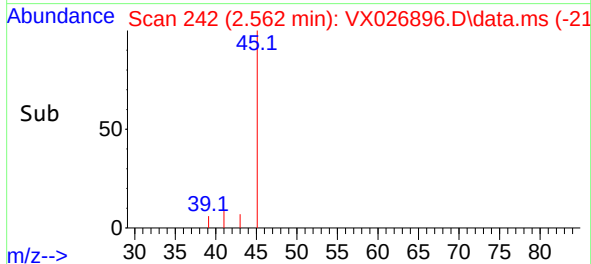
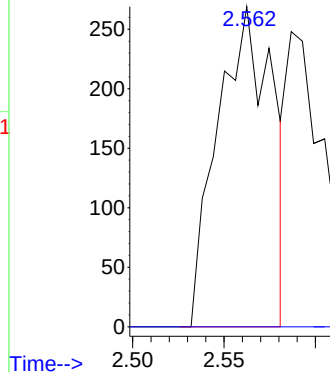
Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



Abundance



#19

Methyl tert-butyl Ether

Concen: 340.271 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX026896.D

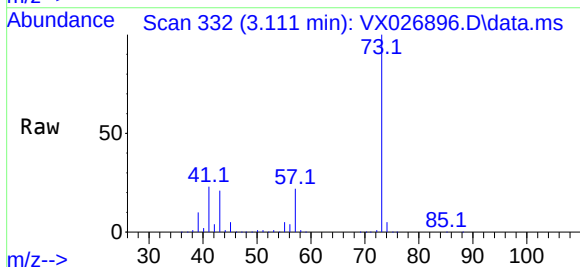
Acq: 10 Feb 2022 02:57

Tgt Ion: 73 Resp: 1555505

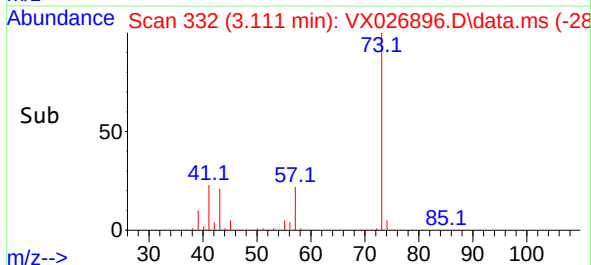
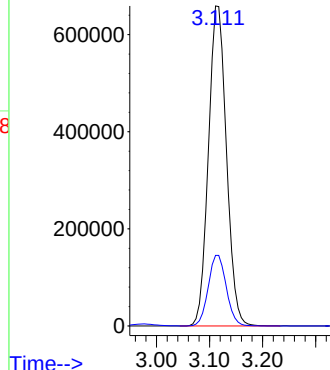
Ion Ratio Lower Upper

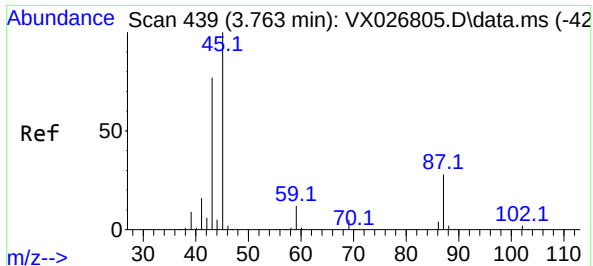
73 100

57 22.0 17.4 26.2



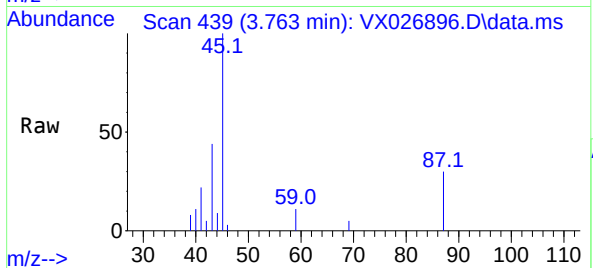
Abundance





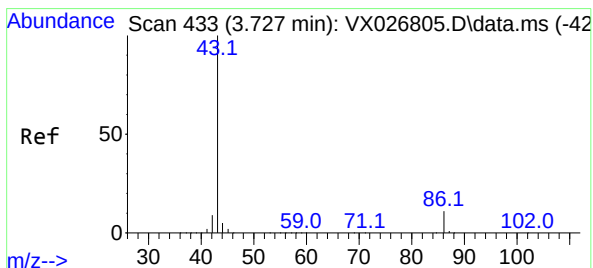
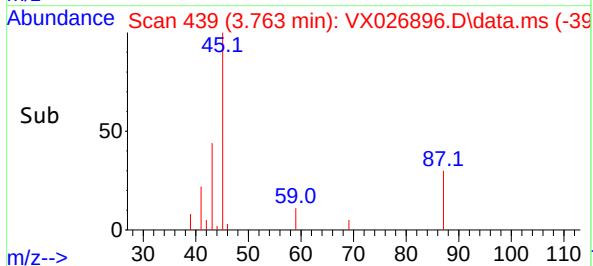
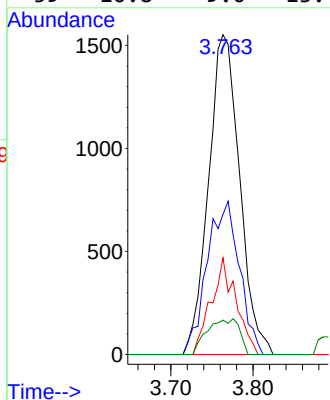
#22
Diisopropyl ether
Concen: 0.887 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 45 Resp: 4087

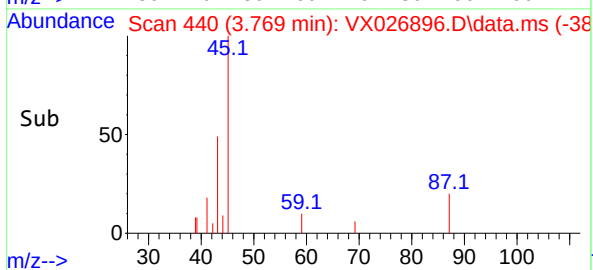
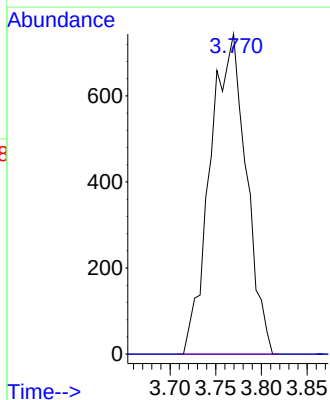
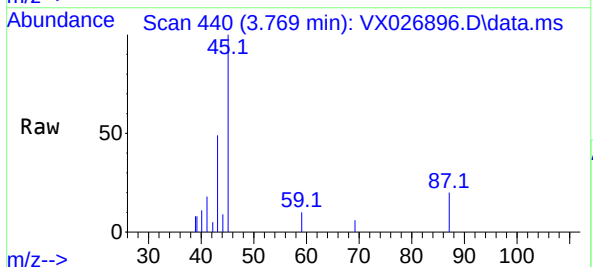
Ion	Ratio	Lower	Upper
45	100		
43	43.8	60.6	91.0#
87	30.2	22.0	33.0
59	10.8	9.0	13.4

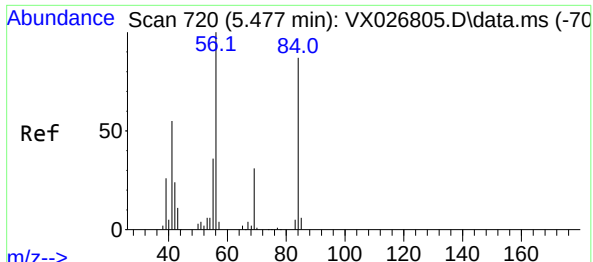


#23
Vinyl Acetate
Concen: 0.526 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.043 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Tgt Ion: 43 Resp: 2038

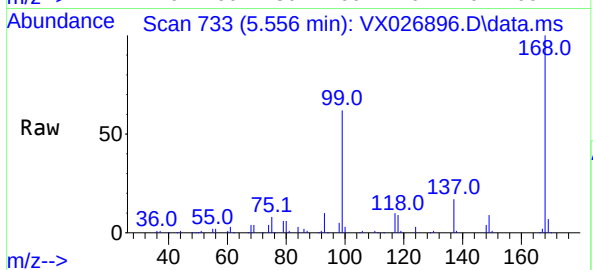
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#



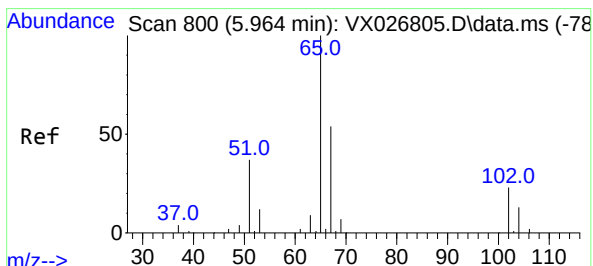
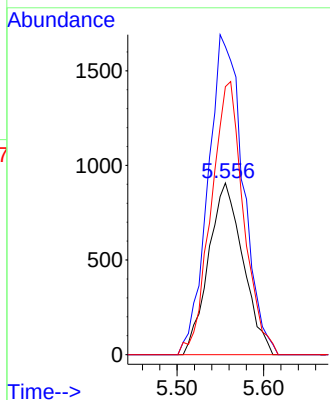
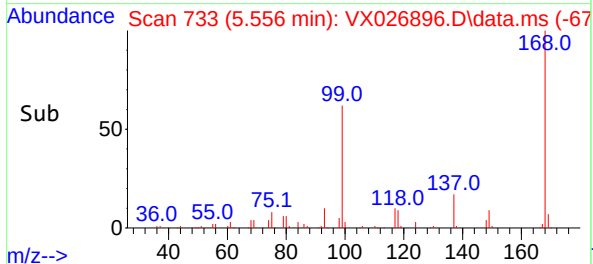


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

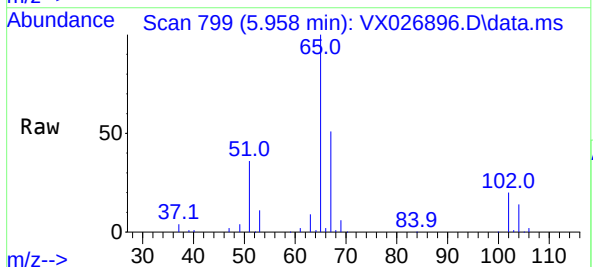
Instrument :
MSVOA_X
ClientSampleId :



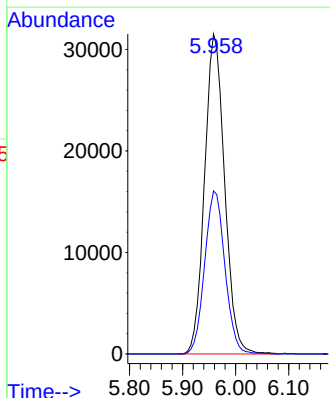
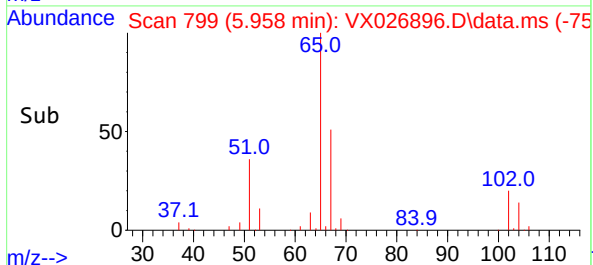
Tgt Ion: 56 Resp: 2516
Ion Ratio Lower Upper
56 100
69 179.5 25.8 38.6#
84 156.1 68.9 103.3#

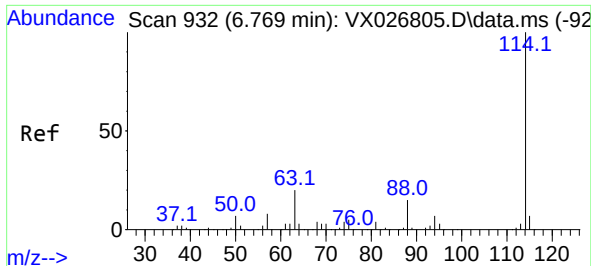


#33
1,2-Dichloroethane-d4
Concen: 54.696 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57



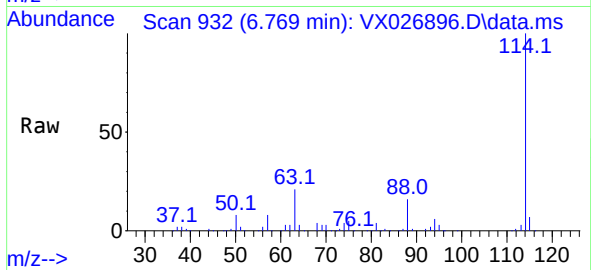
Tgt Ion: 65 Resp: 82856
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8



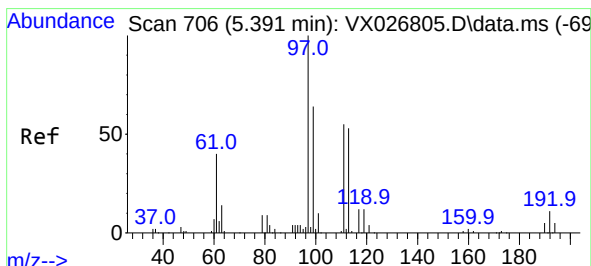
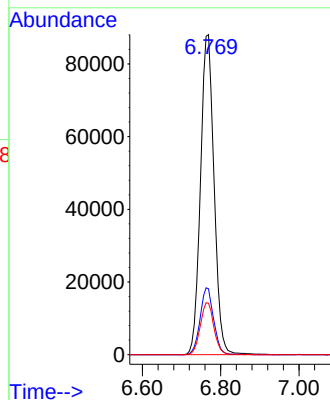
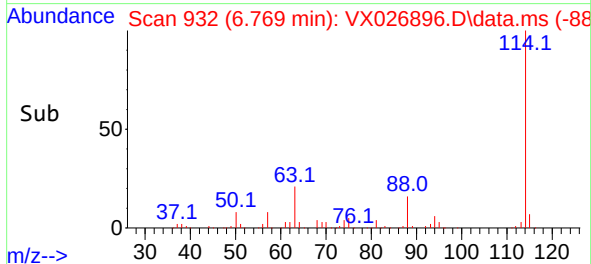


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

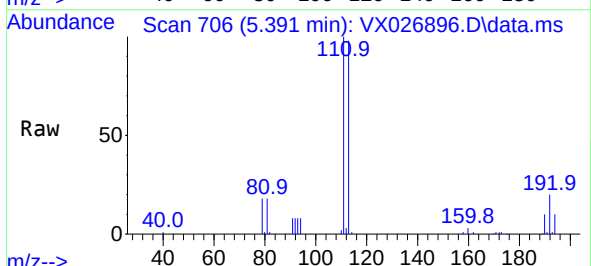
Instrument :
MSVOA_X
ClientSampleId :



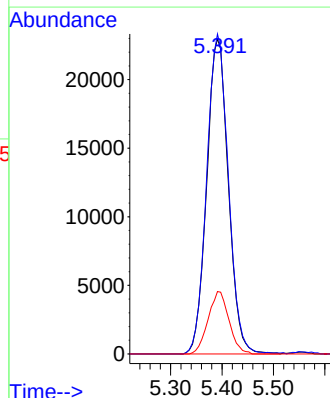
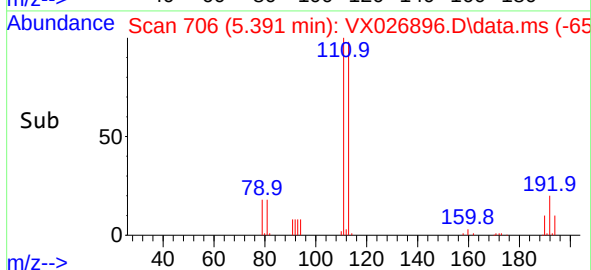
Tgt Ion:114 Resp: 212671
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 16.0 0.0 33.0

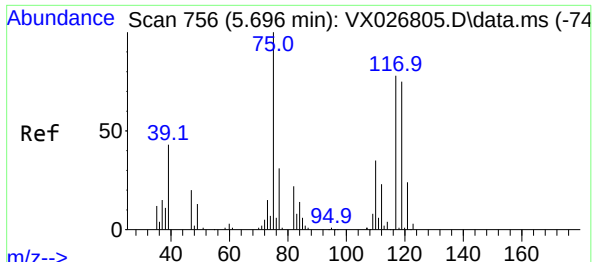


#35
Dibromofluoromethane
Concen: 52.862 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57



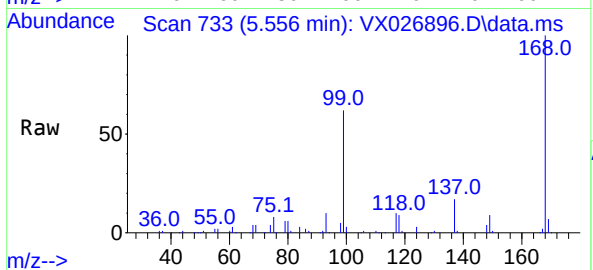
Tgt Ion:113 Resp: 66979
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.1 15.0 22.4



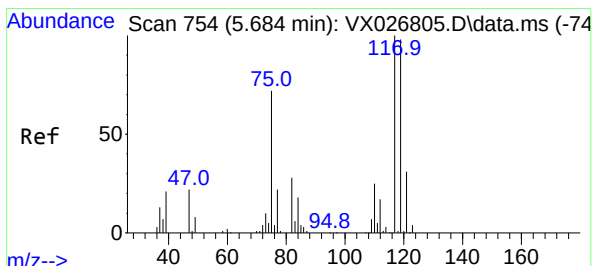
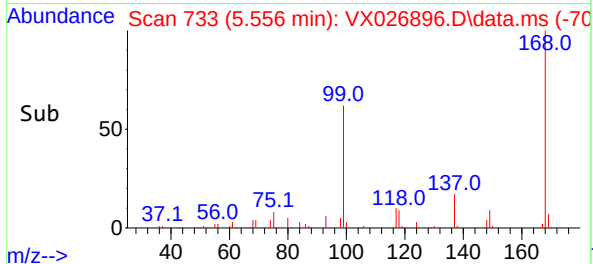
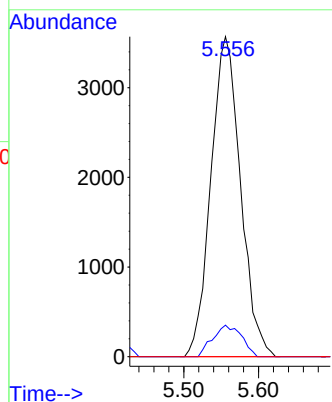


#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Instrument :
MSVOA_X
ClientSampleId :

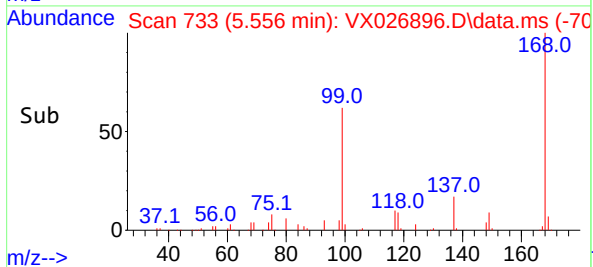
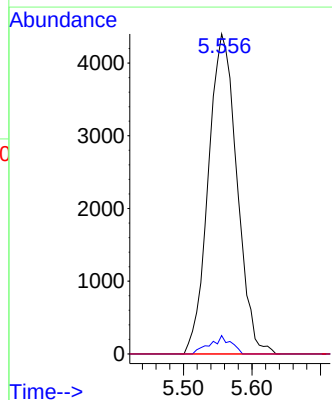
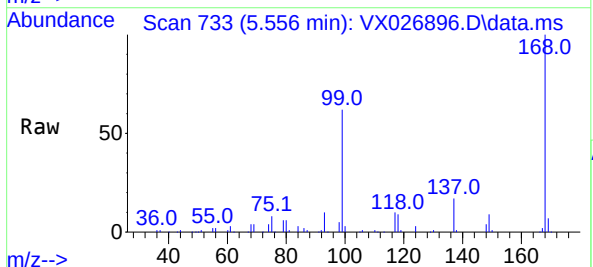


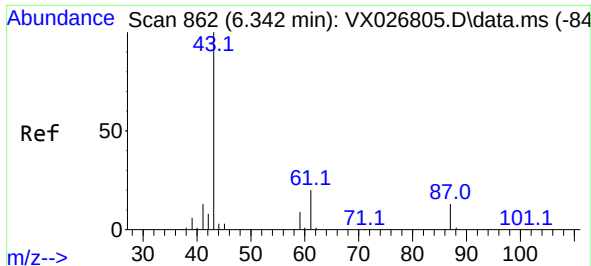
Tgt Ion: 75 Resp: 9820
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

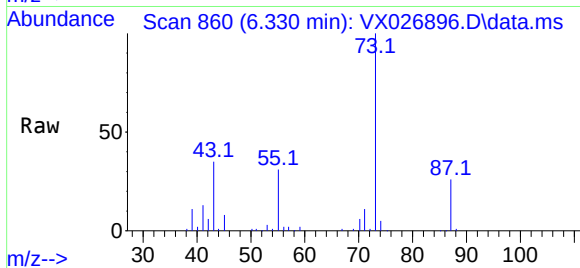
Tgt Ion: 117 Resp: 12772
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.4 38.0#



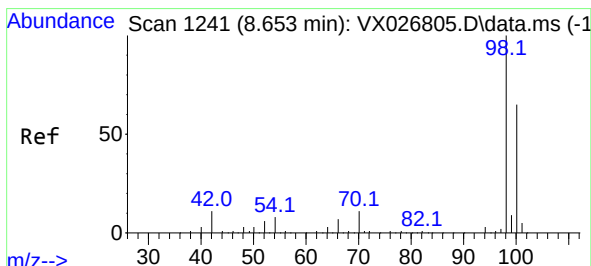
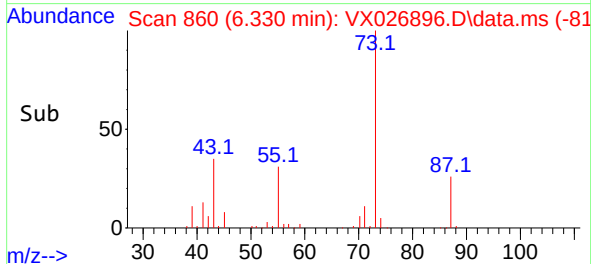
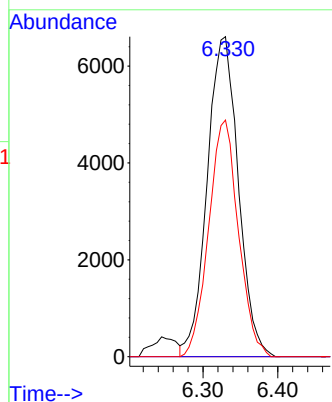


#43
Isopropyl Acetate
Concen: 5.473 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Instrument :
MSVOA_X
ClientSampleId :

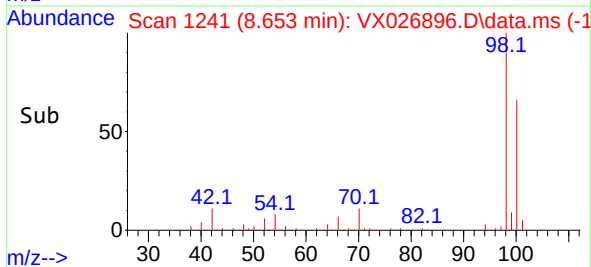
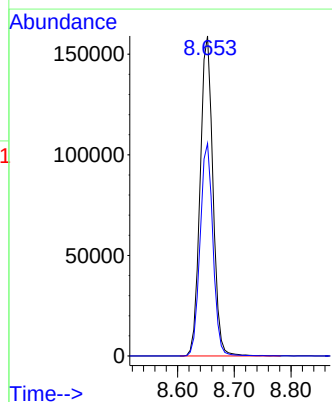
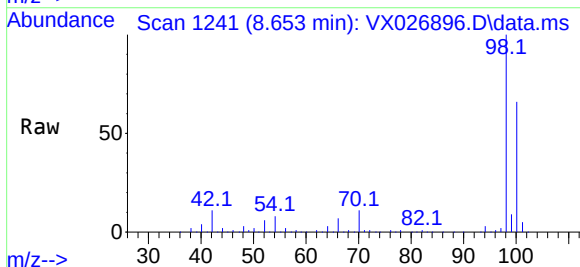


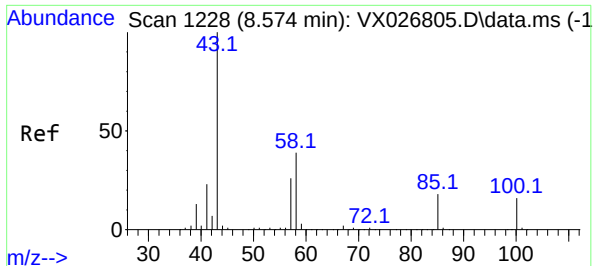
Tgt Ion: 43 Resp: 19129
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 70.7 10.2 15.2#



#50
Toluene-d8
Concen: 53.538 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Tgt Ion: 98 Resp: 249005
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.519 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX026896.D

Acq: 10 Feb 2022 02:57

Instrument :

MSVOA_X

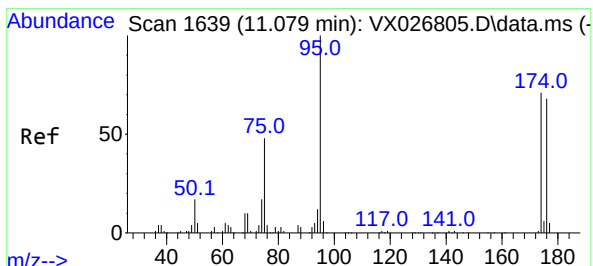
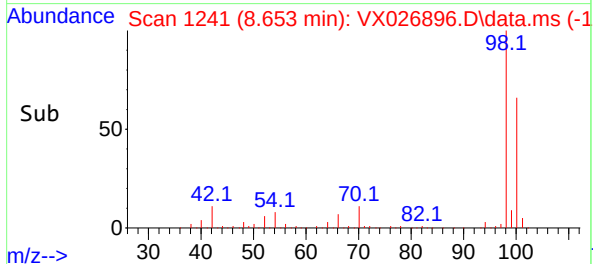
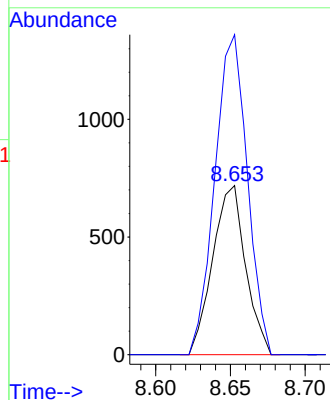
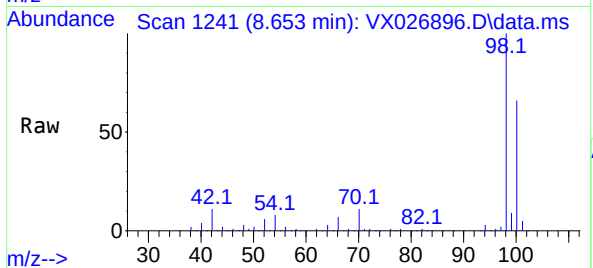
ClientSampleId :

Tgt Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

58 186.8 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 57.068 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026896.D

Acq: 10 Feb 2022 02:57

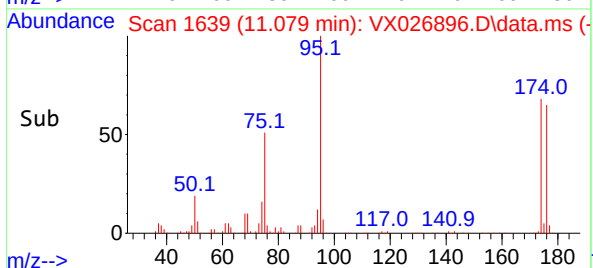
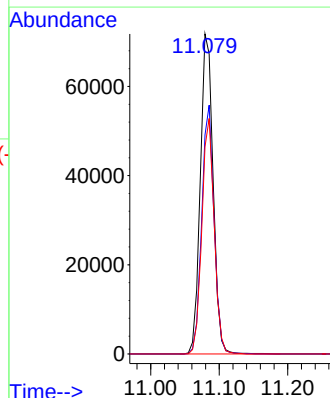
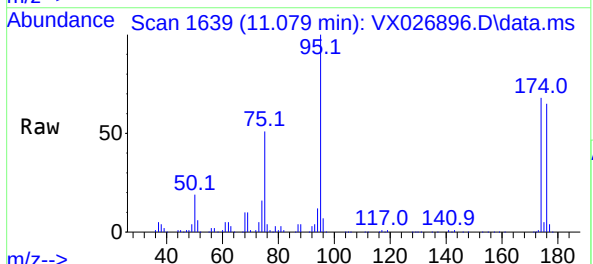
Tgt Ion: 95 Resp: 93447

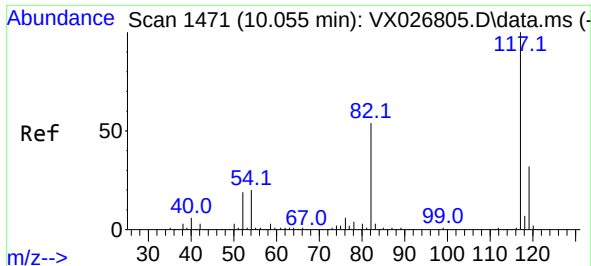
Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.6

176 71.0 0.0 141.4

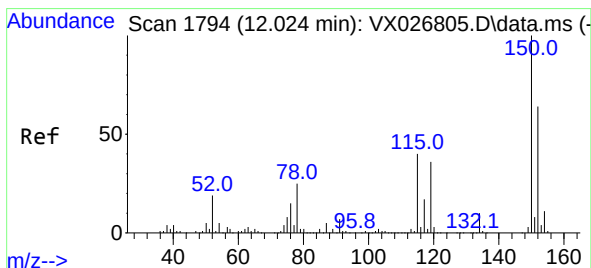
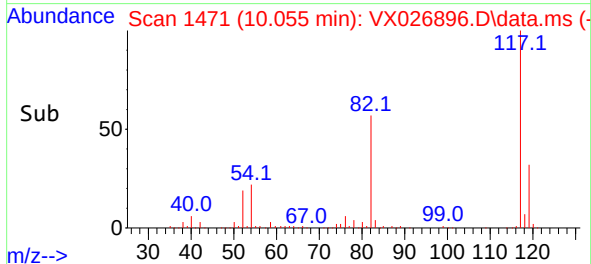
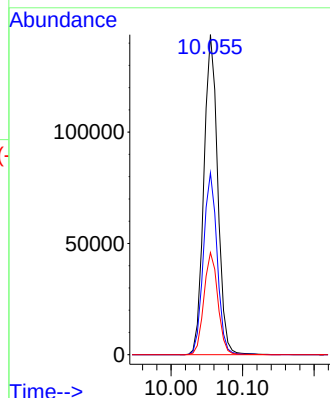
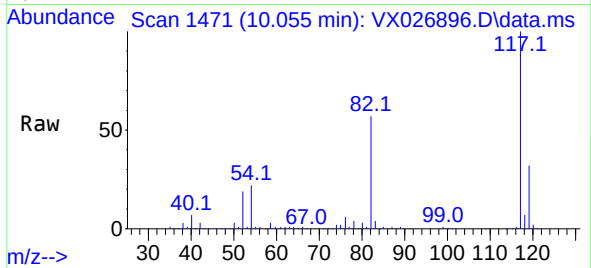




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

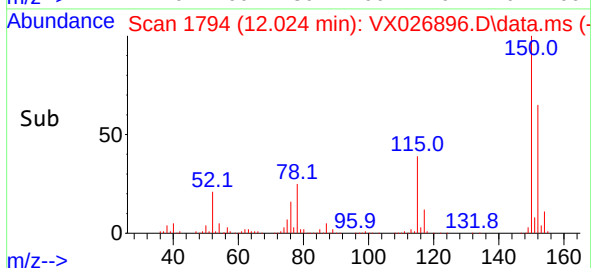
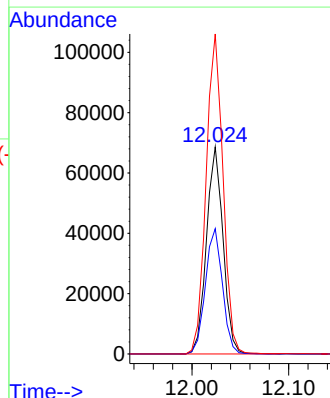
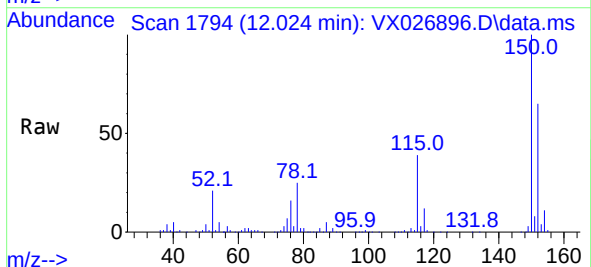
Instrument :
MSVOA_X
ClientSampleId :

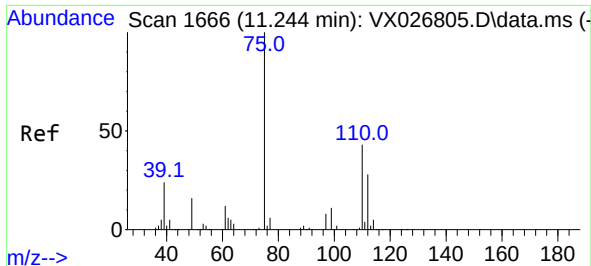
Tgt Ion:117 Resp: 193574
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Tgt Ion:152 Resp: 82199
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 157.3 0.0 348.2

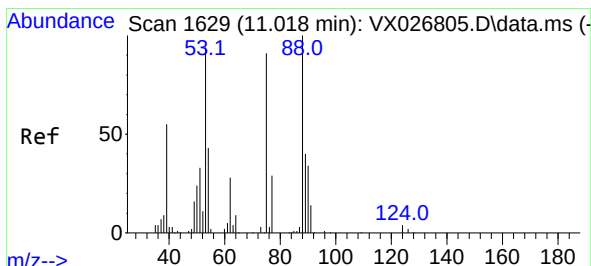
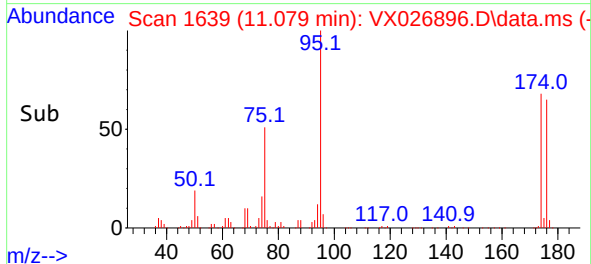
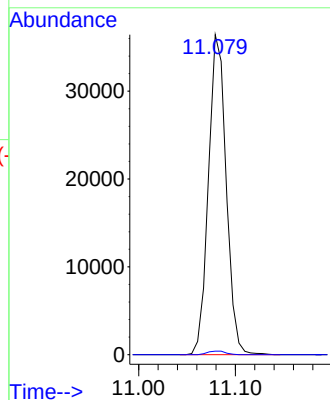
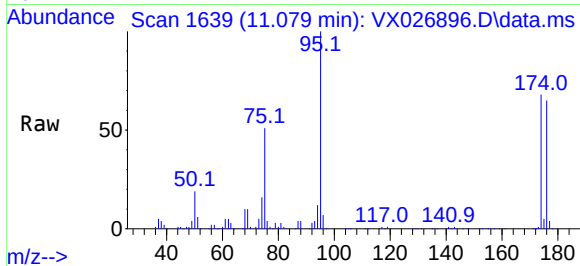




#76
1,2,3-Trichloropropane
Concen: 25.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46537
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.771 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026896.D
Acq: 10 Feb 2022 02:57

Tgt Ion: 75 Resp: 46537
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

