

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032883.D
 Acq On : 16 Nov 2022 21:02
 Operator : JC/MD
 Sample : N5650-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:45:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

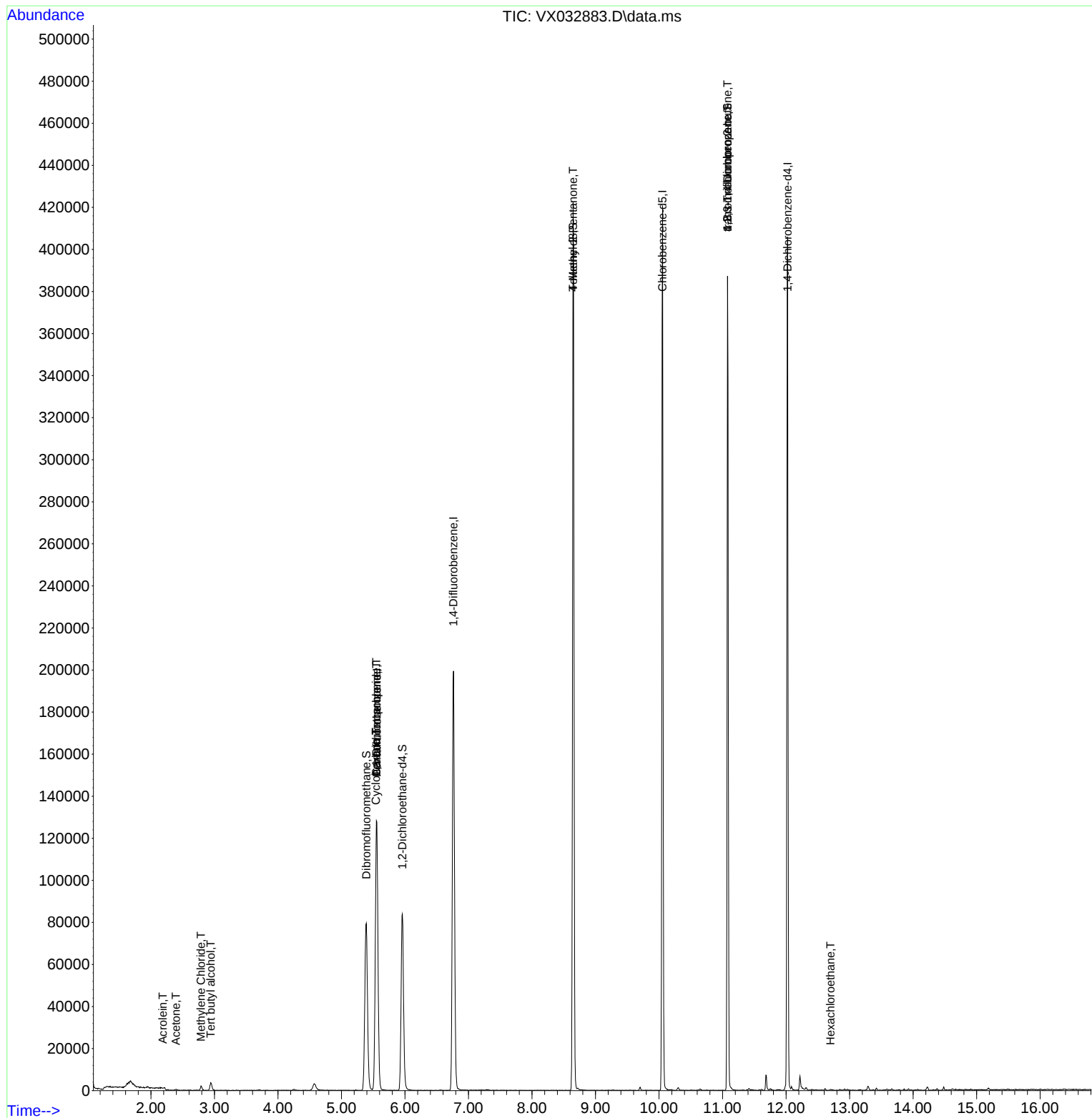
Internal Standards						
1) Pentafluorobenzene	5.556	168	124654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86170	49.751	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.500%
35) Dibromofluoromethane	5.391	113	70502	48.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	8.647	98	255268	49.997	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	98901	49.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2193	8.699	ug/l #	72
13) Acrolein	2.184	56	95	0.377	ug/l #	1
16) Acetone	2.392	43	588	0.934	ug/l #	80
20) Methylene Chloride	2.788	84	1029	0.713	ug/l #	80
31) Cyclohexane	5.544	56	2616	1.246	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	9037	4.420	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12941	5.706	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1172	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52752	27.542	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52752	87.639	ug/l #	6
90) Hexachloroethane	12.701	117	254	0.262	ug/l #	12

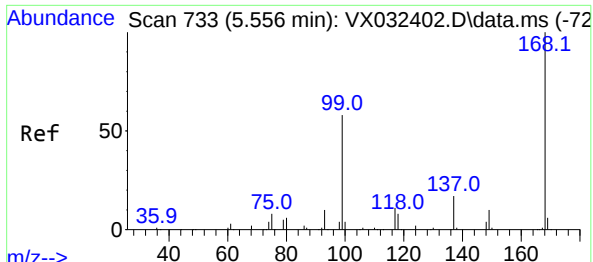
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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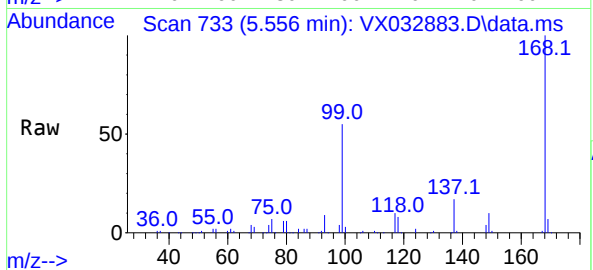
Quant Time: Nov 17 05:45:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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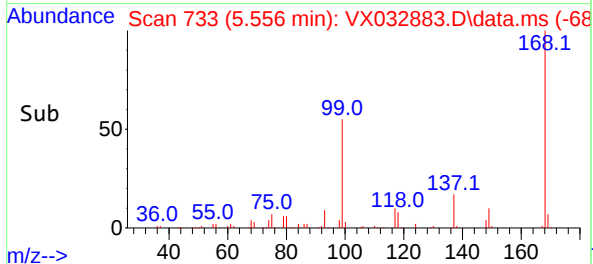
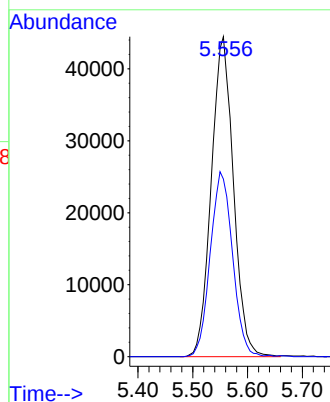


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Instrument :
MSVOA_X
ClientSampleId :

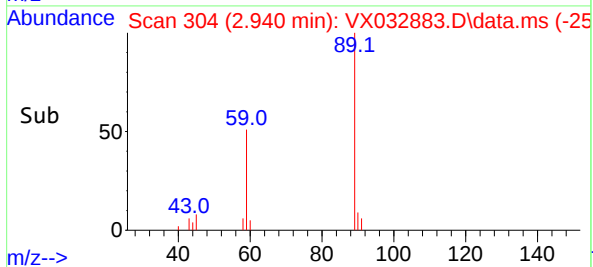
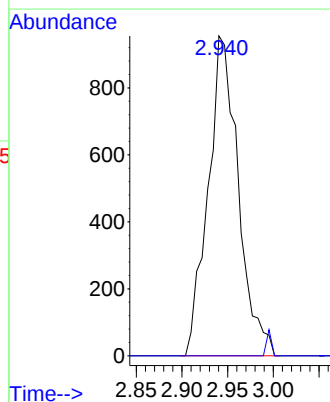
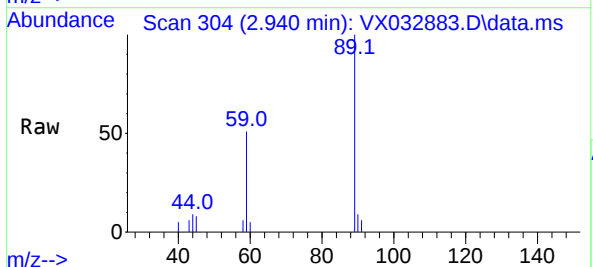


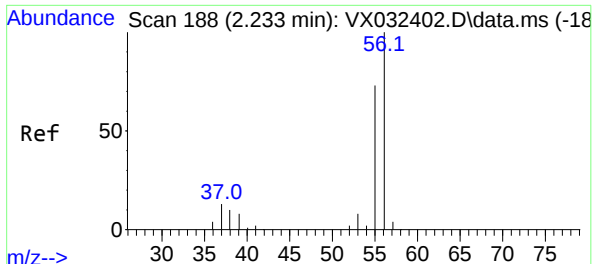
Tgt Ion:168 Resp: 124654
Ion Ratio Lower Upper
168 100
99 55.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 8.699 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Tgt Ion: 59 Resp: 2193
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

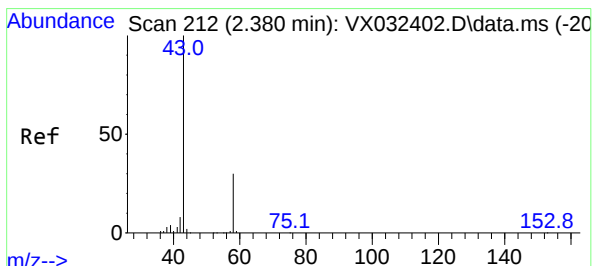
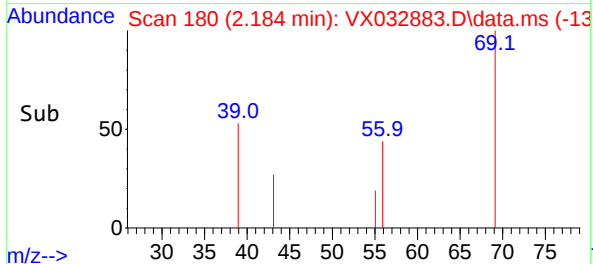
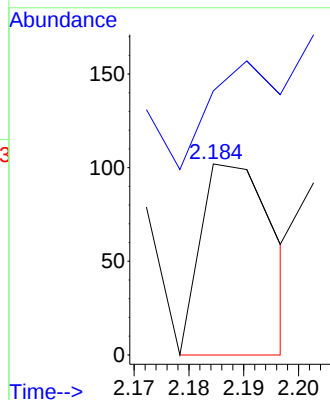
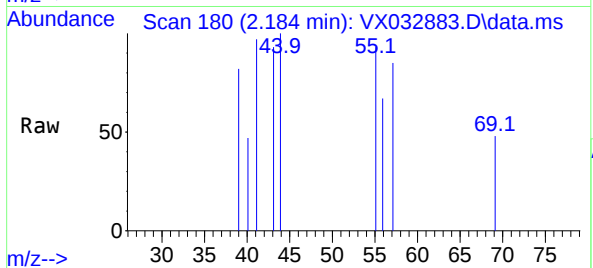




#13
Acrolein
Concen: 0.377 ug/l
RT: 2.184 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

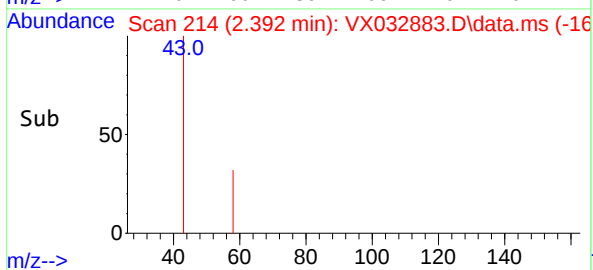
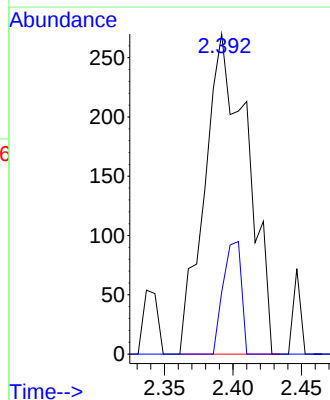
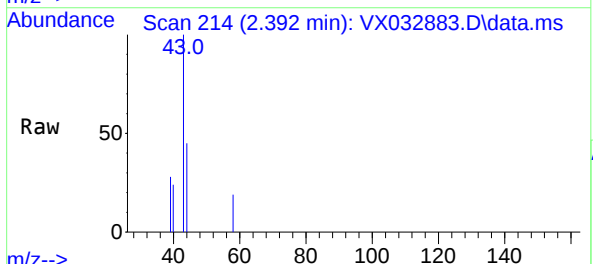
Instrument :
MSVOA_X
ClientSampleId :

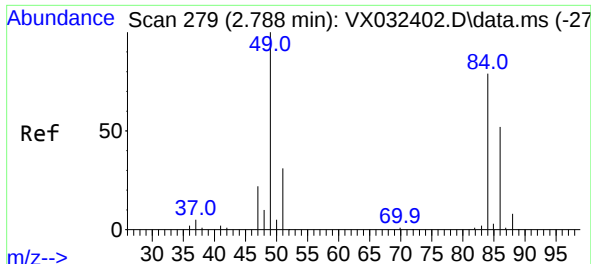
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 376.8 56.9 85.3#



#16
Acetone
Concen: 0.934 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

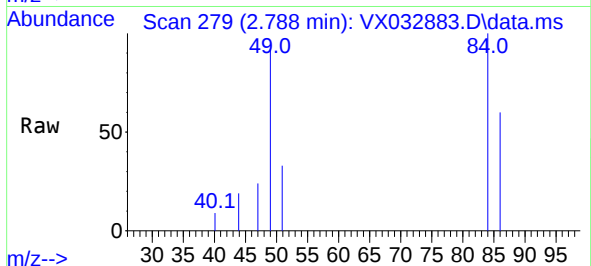
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 19.3 23.8 35.8#





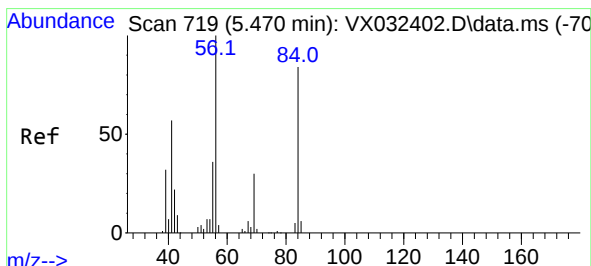
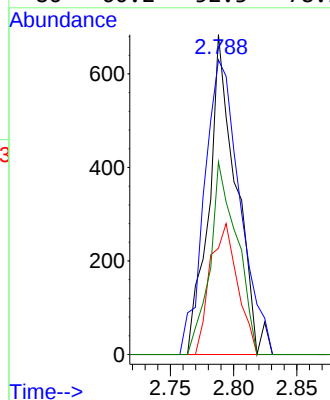
#20
Methylene Chloride
Concen: 0.713 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1029

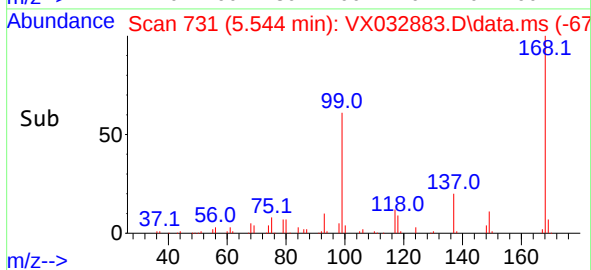
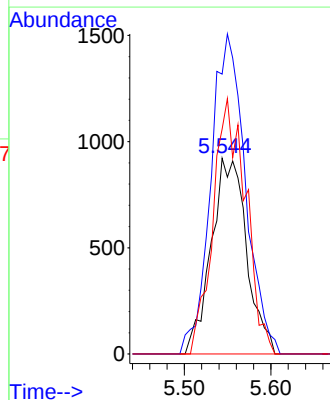
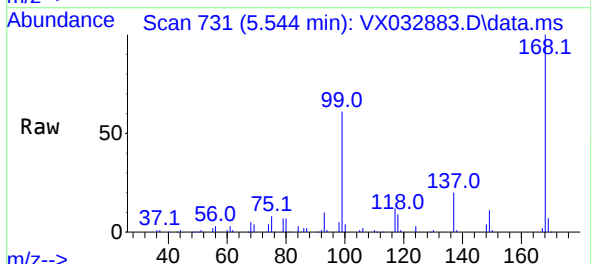
Ion	Ratio	Lower	Upper
84	100		
49	92.1	101.0	151.6#
51	33.2	31.1	46.7
86	60.2	52.3	78.5

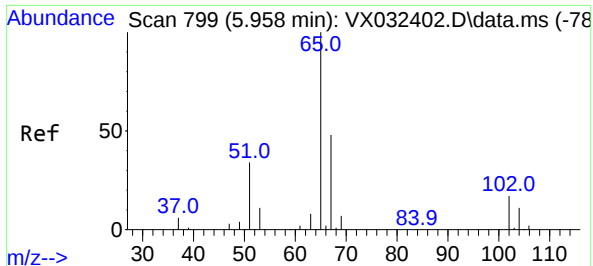


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Tgt Ion: 56 Resp: 2616

Ion	Ratio	Lower	Upper
56	100		
69	143.0	24.1	36.1#
84	114.9	66.9	100.3#

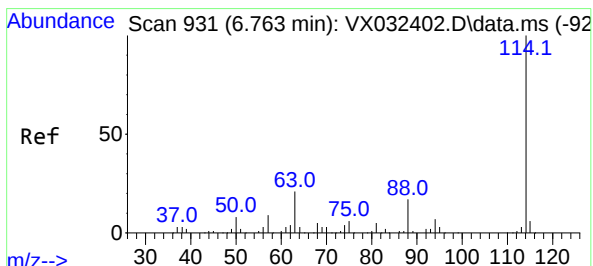
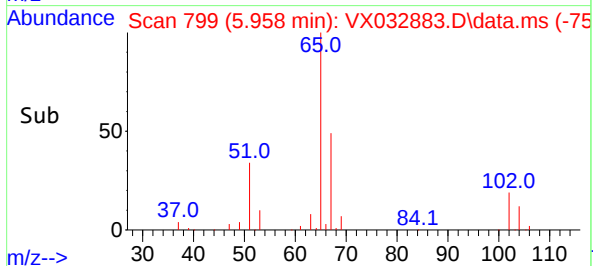
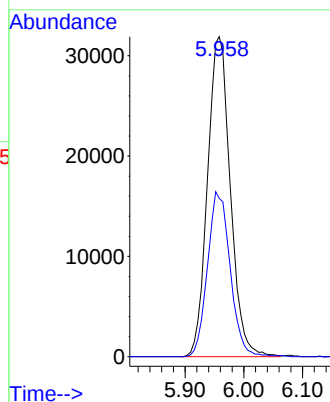
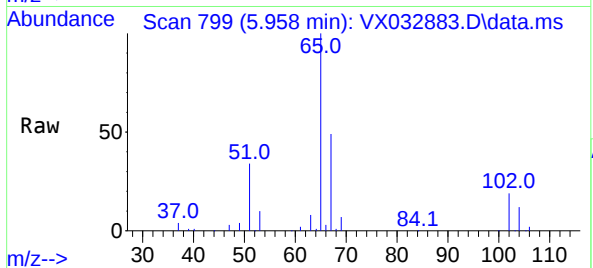




#33
 1,2-Dichloroethane-d4
 Concen: 49.751 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032883.D
 Acq: 16 Nov 2022 21:02

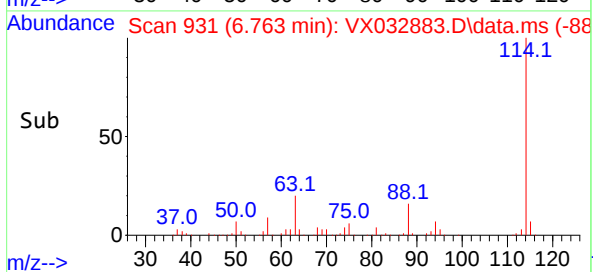
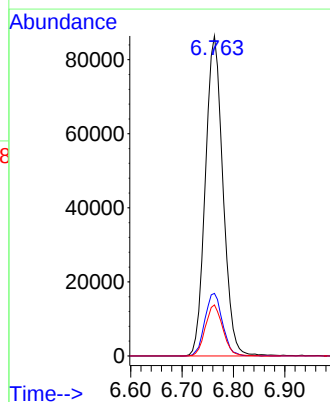
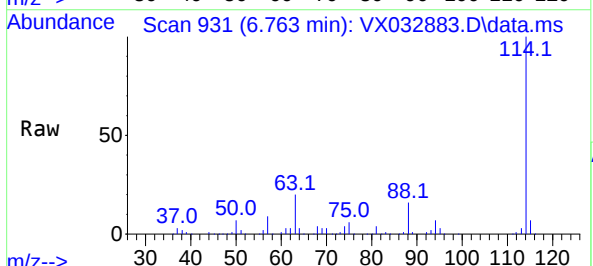
Instrument :
 MSVOA_X
 ClientSampleId :

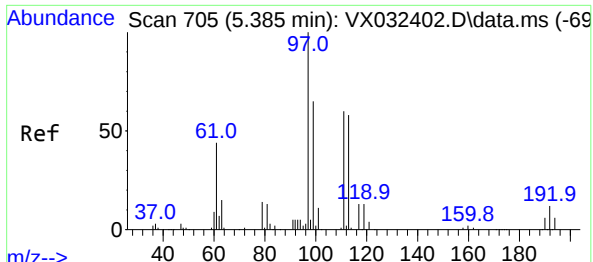
Tgt Ion: 65 Resp: 86170
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032883.D
 Acq: 16 Nov 2022 21:02

Tgt Ion: 114 Resp: 205845
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.6
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.016 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032883.D

Acq: 16 Nov 2022 21:02

Instrument :

MSVOA_X

ClientSampleId :

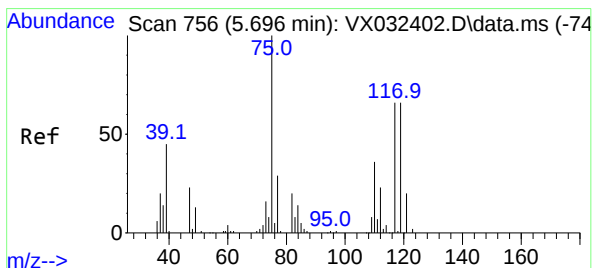
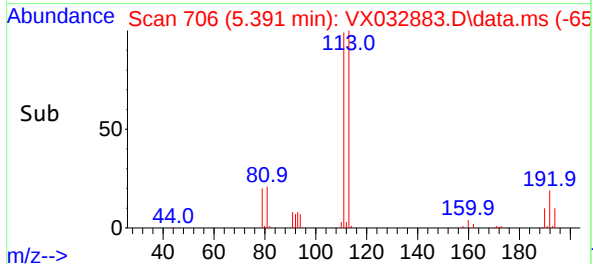
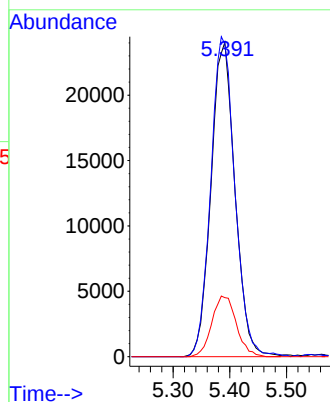
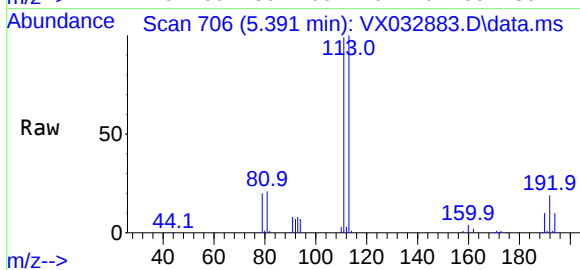
Tgt Ion:113 Resp: 70502

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032883.D

Acq: 16 Nov 2022 21:02

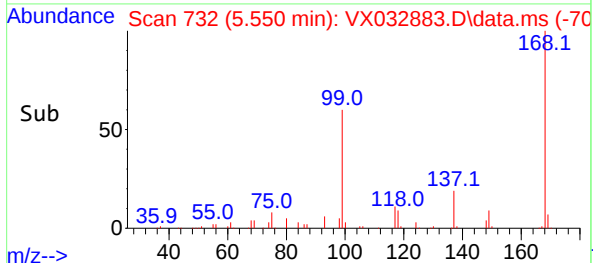
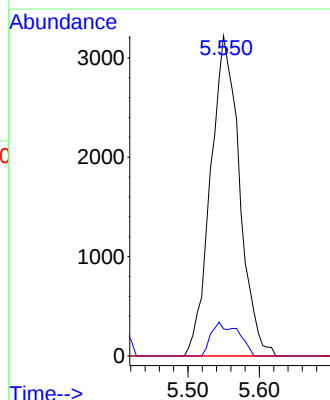
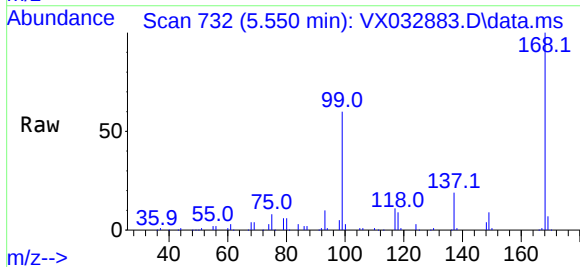
Tgt Ion: 75 Resp: 9037

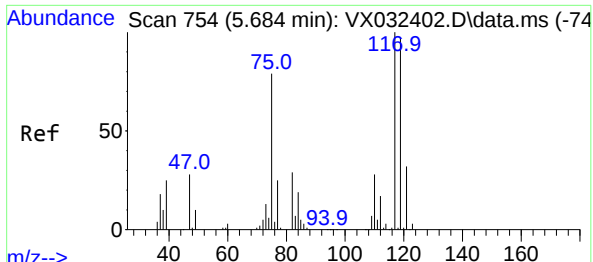
Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.2#

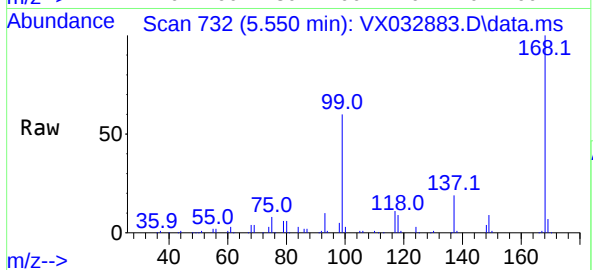
77 0.0 24.5 36.7#



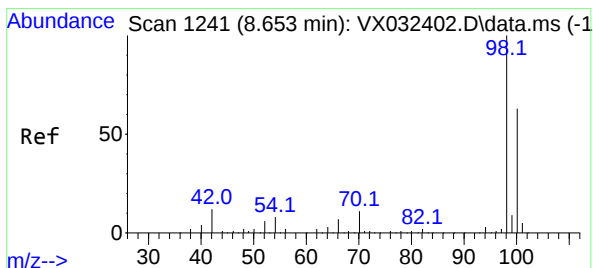
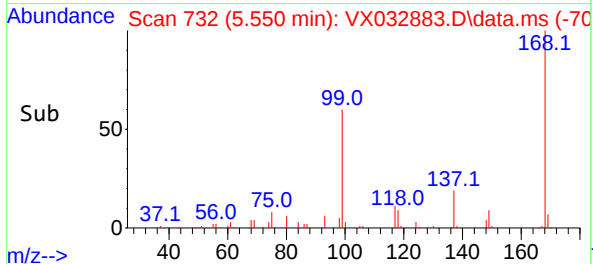
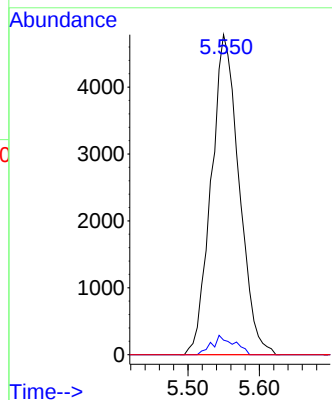


#38
Carbon Tetrachloride
Concen: 5.706 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Instrument :
MSVOA_X
ClientSampleId :

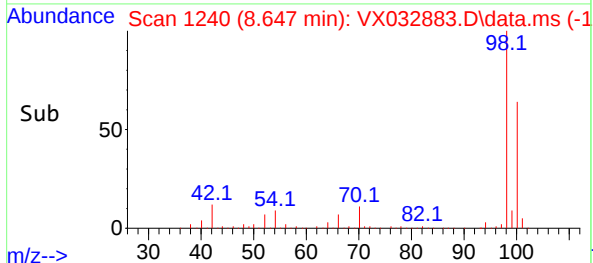
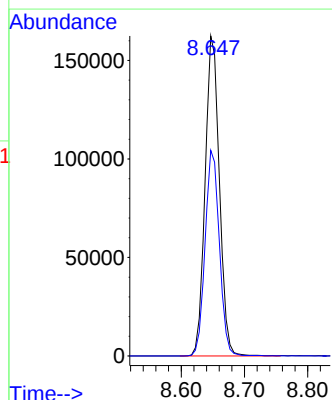
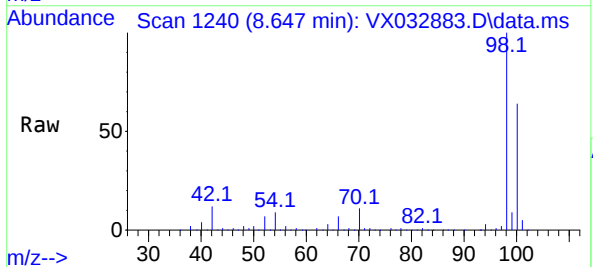


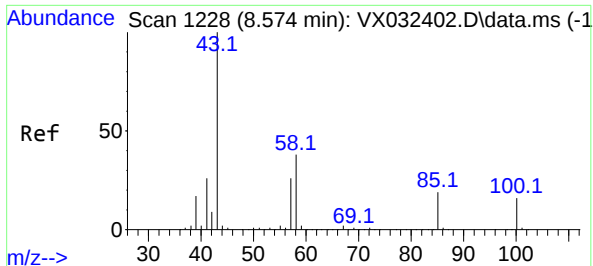
Tgt Ion:117 Resp: 12941
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.997 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Tgt Ion: 98 Resp: 255268
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.569 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032883.D

Acq: 16 Nov 2022 21:02

Instrument :

MSVOA_X

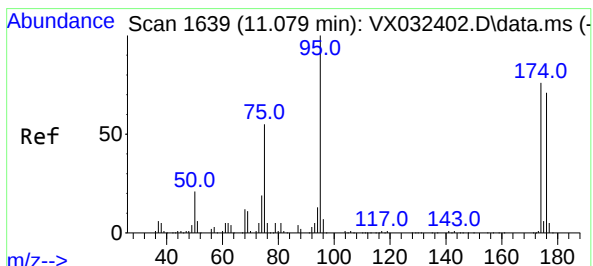
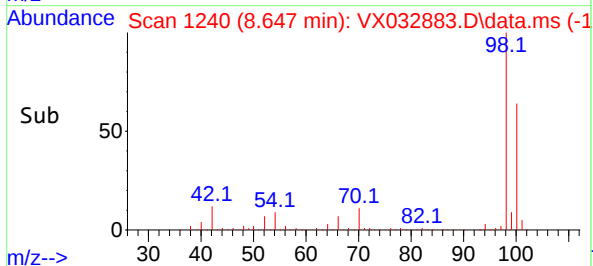
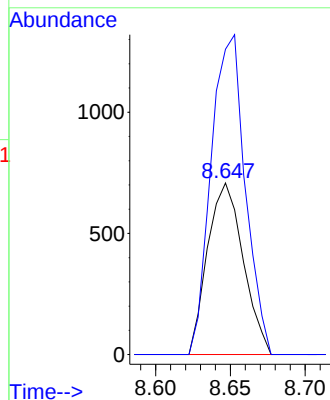
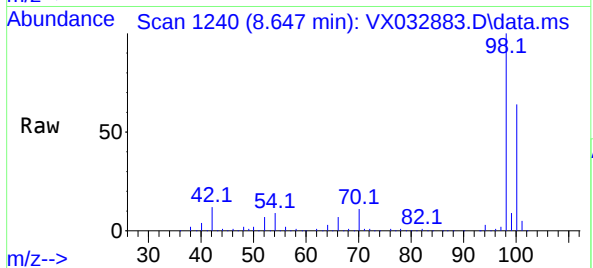
ClientSampleId :

Tgt Ion: 43 Resp: 1172

Ion Ratio Lower Upper

43 100

58 178.7 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 49.590 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032883.D

Acq: 16 Nov 2022 21:02

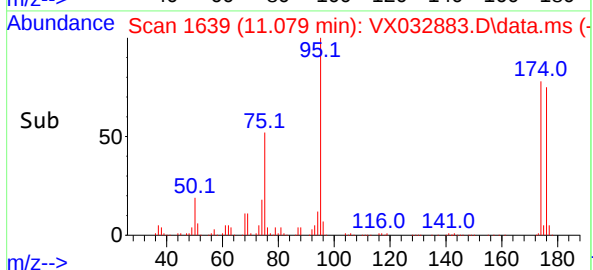
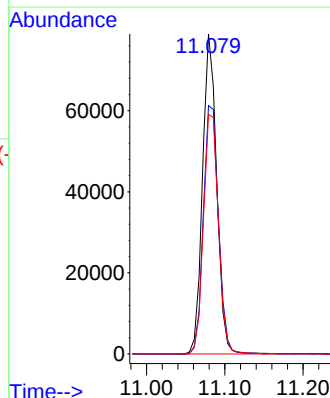
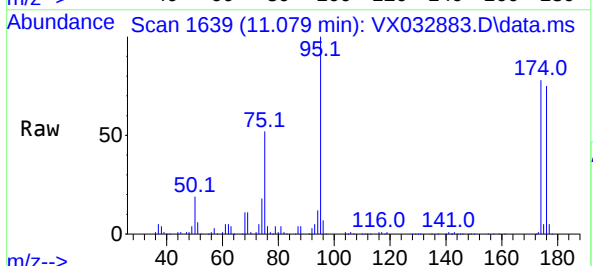
Tgt Ion: 95 Resp: 98901

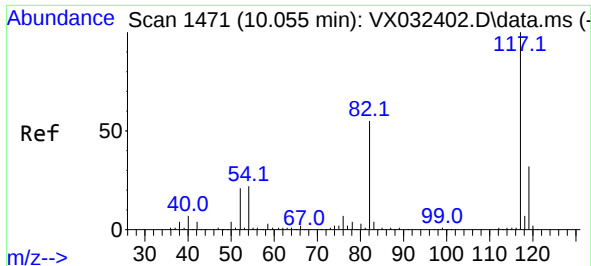
Ion Ratio Lower Upper

95 100

174 83.1 0.0 164.0

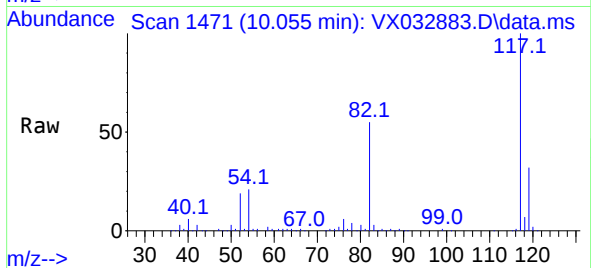
176 79.5 0.0 154.4



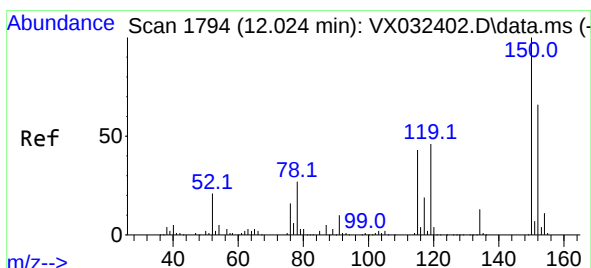
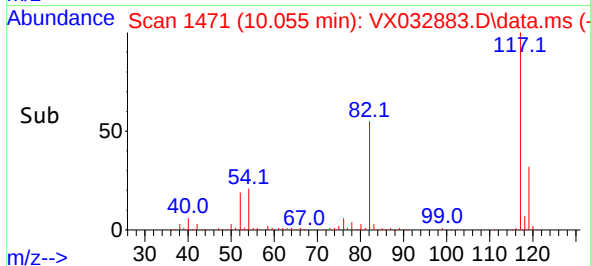
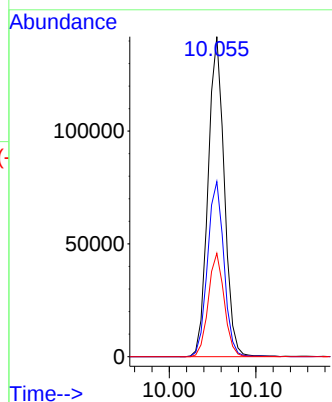


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Instrument :
MSVOA_X
ClientSampleId :

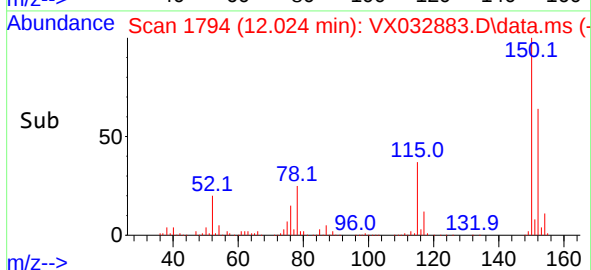
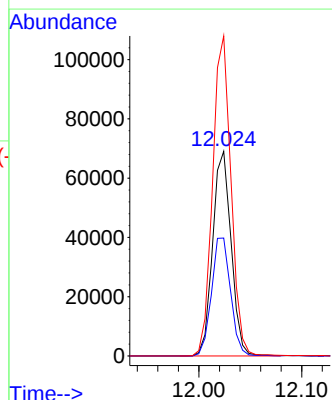
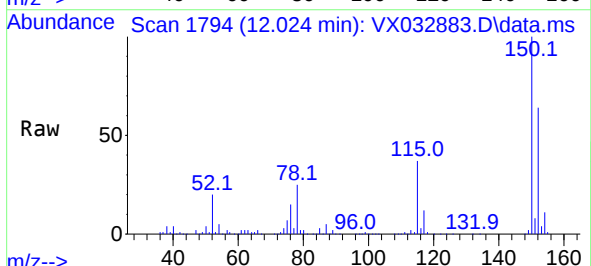


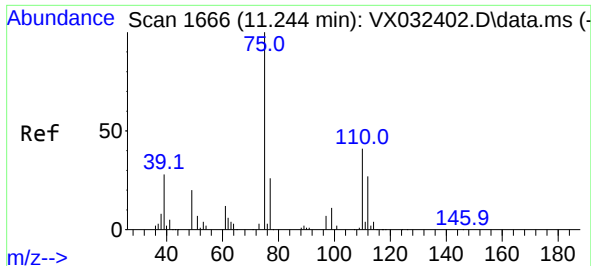
Tgt Ion:117 Resp: 184648
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Tgt Ion:152 Resp: 86092
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 155.9 0.0 351.8

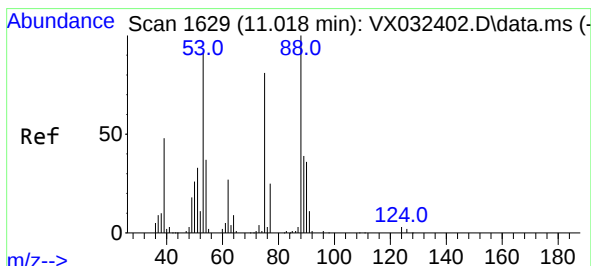
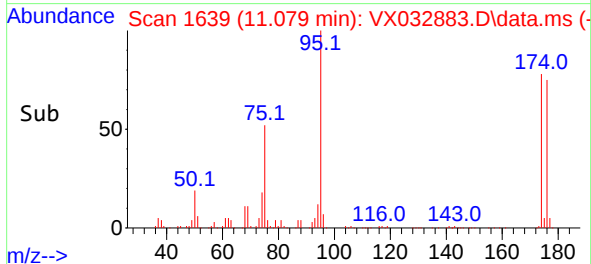
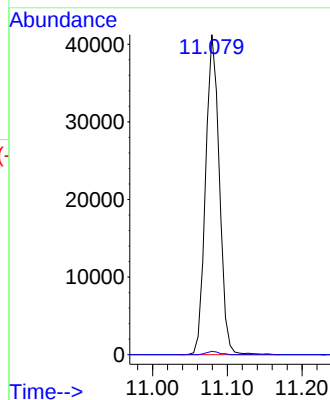
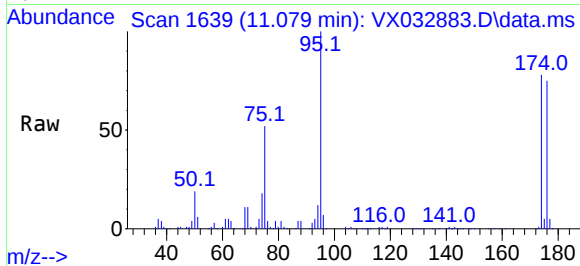




#76
1,2,3-Trichloropropane
Concen: 27.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

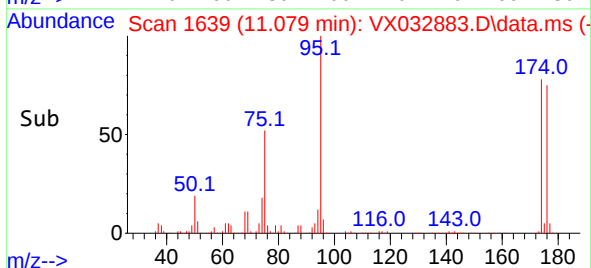
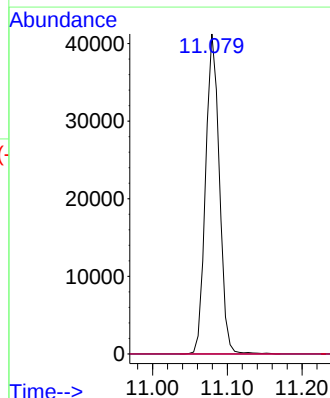
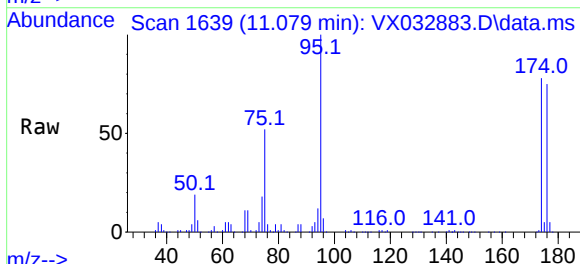
Instrument :
MSVOA_X
ClientSampleId :

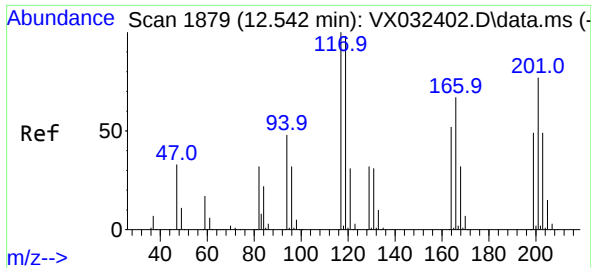
Tgt Ion: 75 Resp: 52752
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

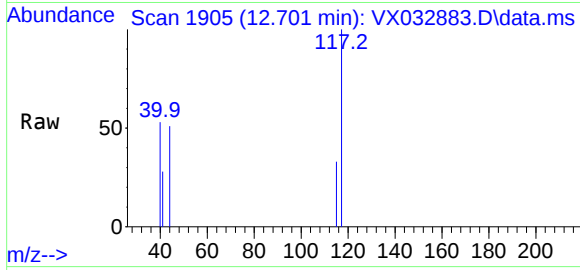
Tgt Ion: 75 Resp: 52752
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#90
Hexachloroethane
Concen: 0.262 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.158 min
Lab File: VX032883.D
Acq: 16 Nov 2022 21:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:117 Resp: 254
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

