

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022935.D
 Acq On : 20 Oct 2021 16:30
 Operator : SY/MD
 Sample : M4246-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 21 02:46:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

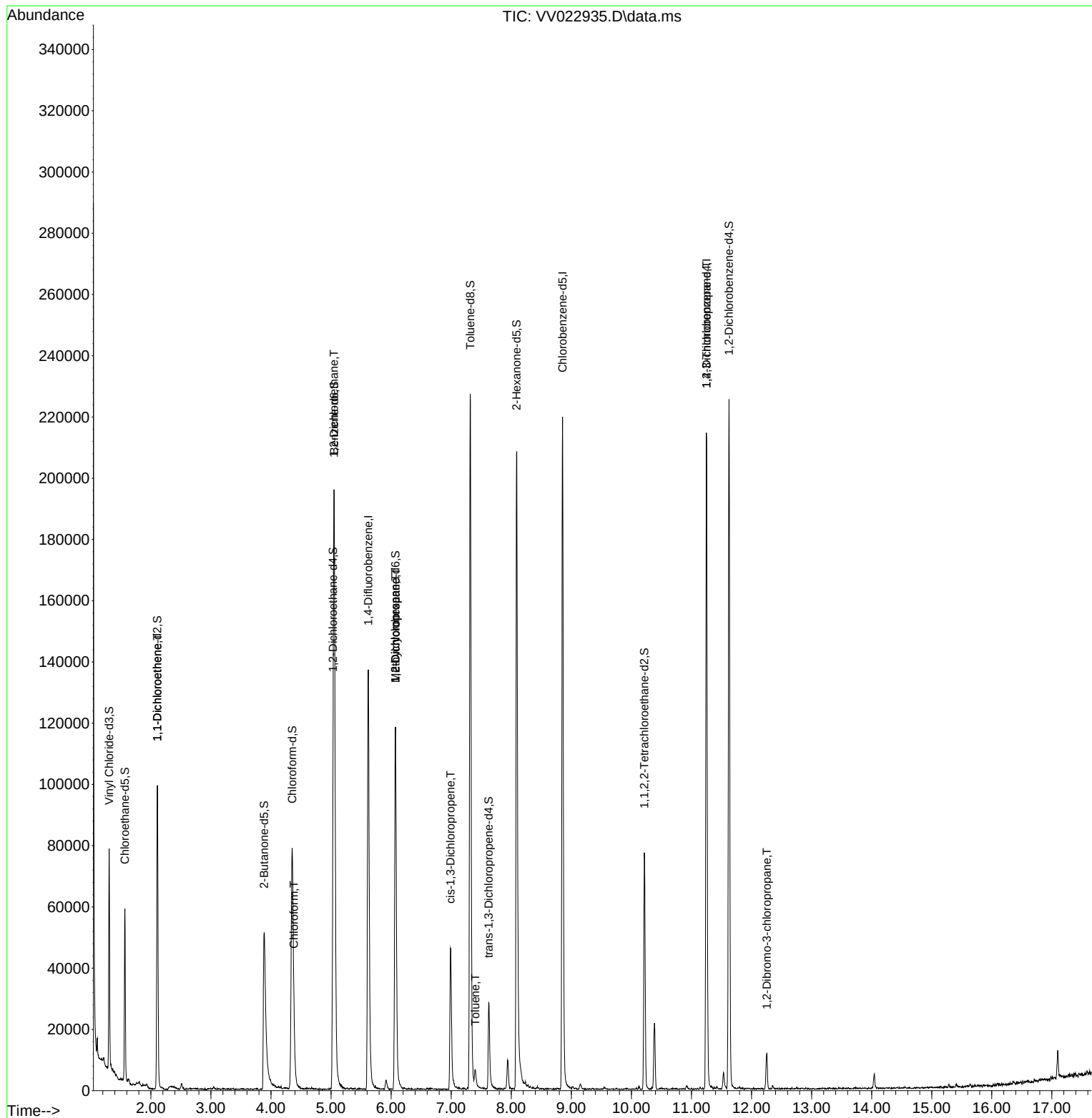
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121432	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	127268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44756	5.357	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.567	69	32608	4.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.108	63	51269	3.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.886	46	91055	41.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.140%
24) Chloroform-d	4.352	84	80860	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.034	65	42150	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	181442	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.072	67	57136	5.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.316	98	153036	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	16425	4.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.088	63	70387	46.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38016	5.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	60164	5.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	489	0.067	ug/L #	1
25) Chloroform	4.381	83	14592	0.876	ug/L	97
27) 1,2-Dichloroethane	5.046	62	1088	0.131	ug/L #	69
35) Methylcyclohexane	6.072	83	13854	1.061	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	6545	0.794	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	1186	0.109	ug/L	99
42) Toluene	7.403	91	4062	0.117	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	6616	1.635	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.252	75	471	0.639	ug/L #	1

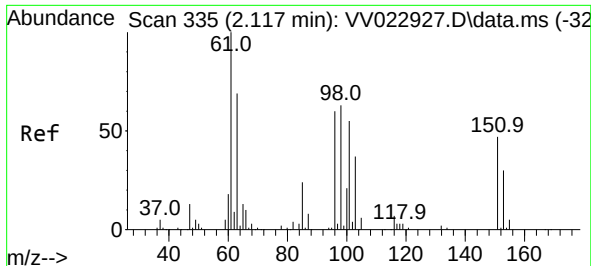
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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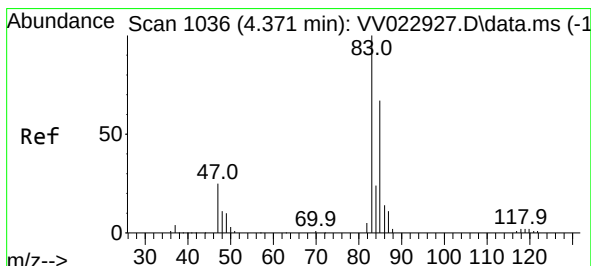
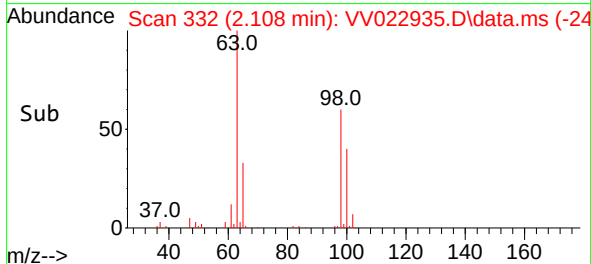
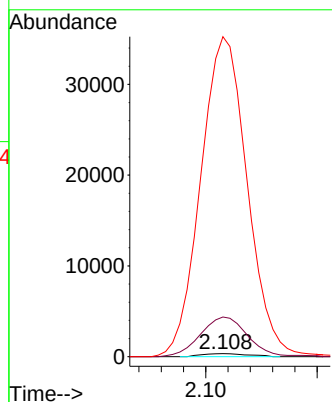
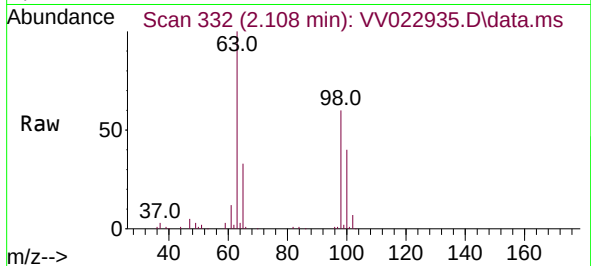




#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV022935.D
Acq: 20 Oct 2021 16:30

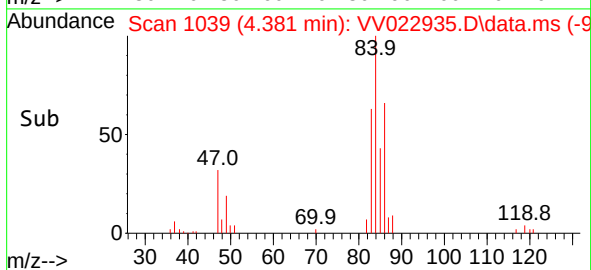
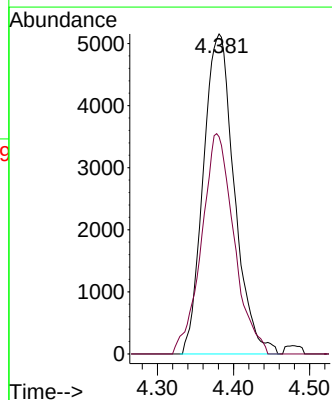
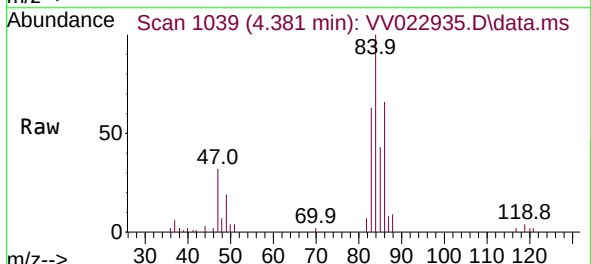
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

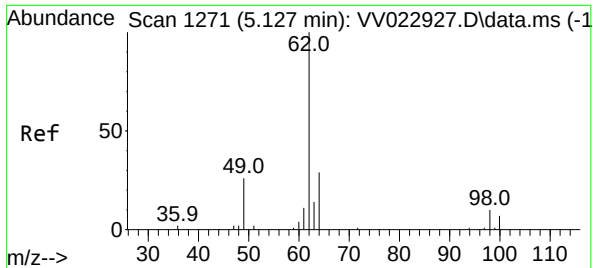
Tgt Ion: 96 Resp: 489
Ion Ratio Lower Upper
96 100
61 1291.4 127.3 236.5#
63 10430.8 106.2 197.2#



#25
Chloroform
Concen: 0.876 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.009 min
Lab File: VV022935.D
Acq: 20 Oct 2021 16:30

Tgt Ion: 83 Resp: 14592
Ion Ratio Lower Upper
83 100
85 67.9 45.7 84.9





#27

1,2-Dichloroethane

Concen: 0.131 ug/L

RT: 5.046 min Scan# 1246

Delta R.T. -0.081 min

Lab File: VV022935.D

Acq: 20 Oct 2021 16:30

Tgt Ion: 62 Resp: 1088

Ion Ratio Lower Upper

62 100

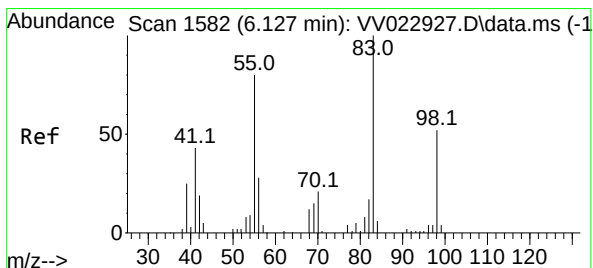
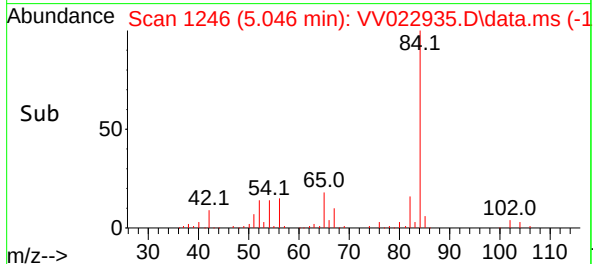
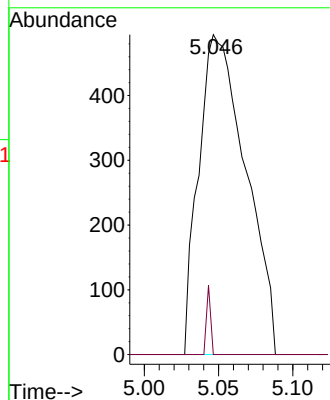
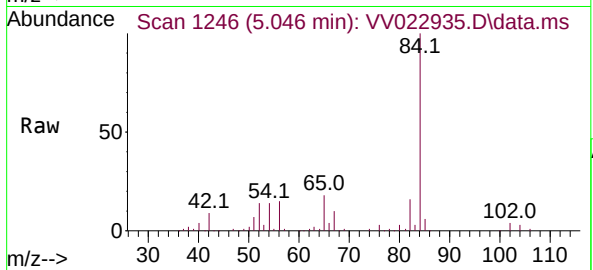
98 0.0 9.7 14.5#

Instrument :

MSVOA_V

ClientSampled :

VHBLK001



#35

Methylcyclohexane

Concen: 1.061 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022935.D

Acq: 20 Oct 2021 16:30

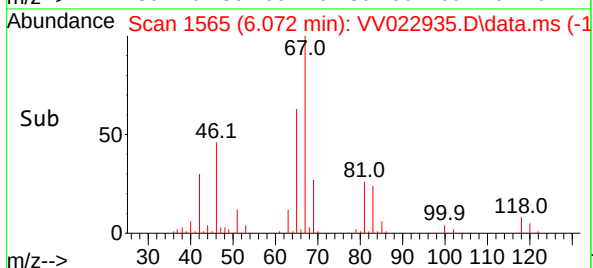
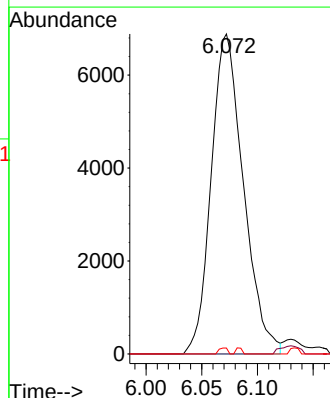
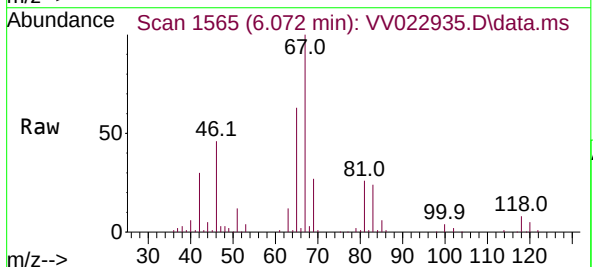
Tgt Ion: 83 Resp: 13854

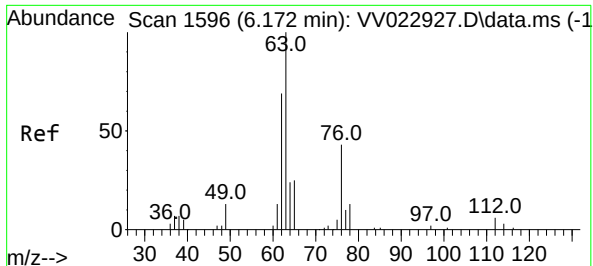
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.5 42.1 63.1#



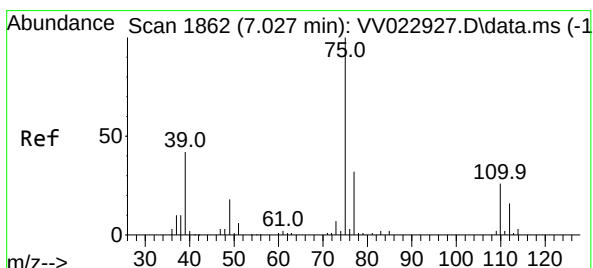
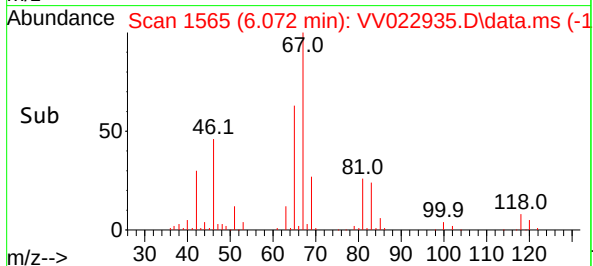
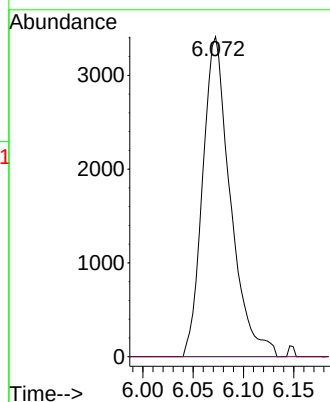
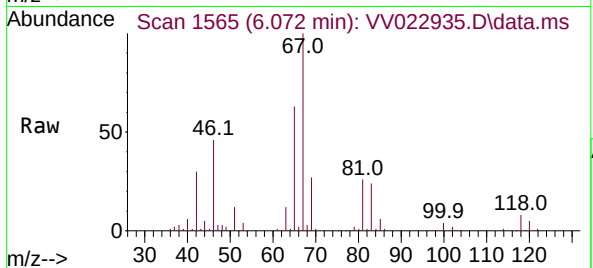


#37

1,2-Dichloropropane
Concen: 0.794 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022935.D
Acq: 20 Oct 2021 16:30

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

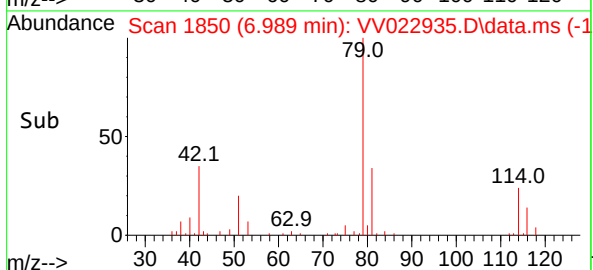
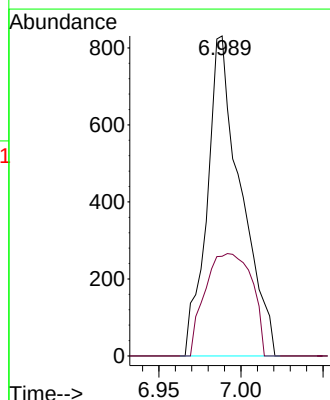
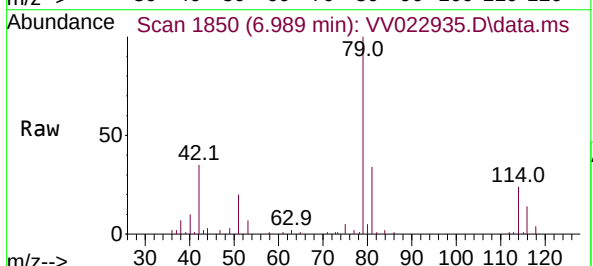
Tgt Ion: 63 Resp: 6545
Ion Ratio Lower Upper
63 100
112 1.7 4.4 6.6#

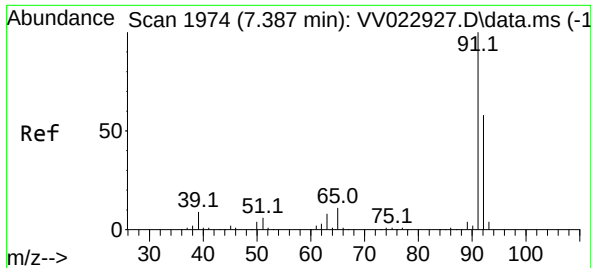


#39

cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022935.D
Acq: 20 Oct 2021 16:30

Tgt Ion: 75 Resp: 1186
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.3

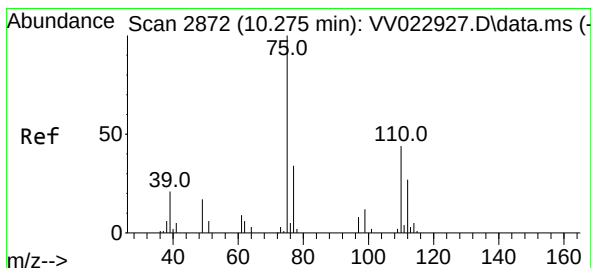
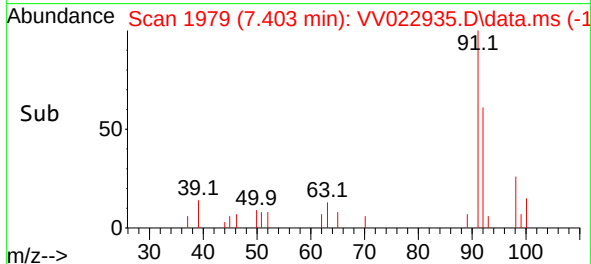
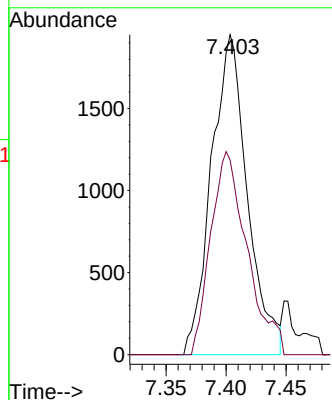
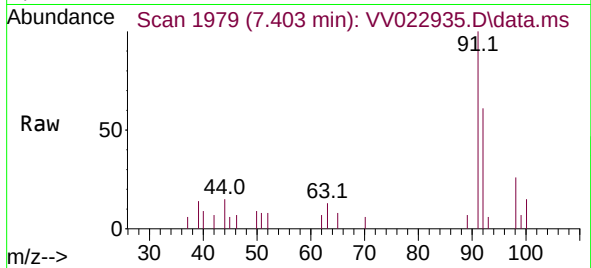




#42
Toluene
Concen: 0.117 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022935.D
Acq: 20 Oct 2021 16:30

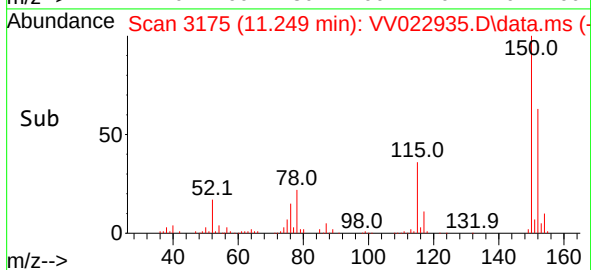
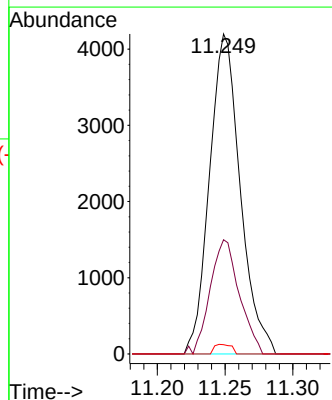
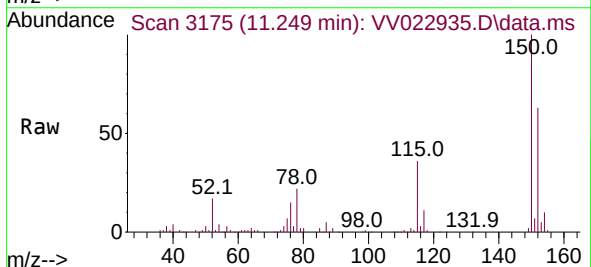
Instrument :
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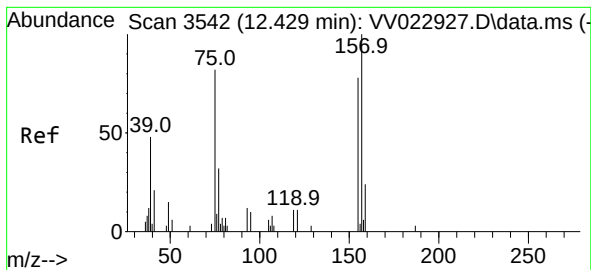
Tgt Ion: 91 Resp: 4062
Ion Ratio Lower Upper
91 100
92 60.8 40.7 75.7



#61
1,2,3-Trichloropropane
Concen: 1.635 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022935.D
Acq: 20 Oct 2021 16:30

Tgt Ion: 75 Resp: 6616
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2
110 1.7 34.2 51.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.639 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.177 min
 Lab File: VV022935.D
 Acq: 20 Oct 2021 16:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 471
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

