

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025135.D
 Acq On : 23 Mar 2022 16:20
 Operator : SY/MD
 Sample : N2083-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:17:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

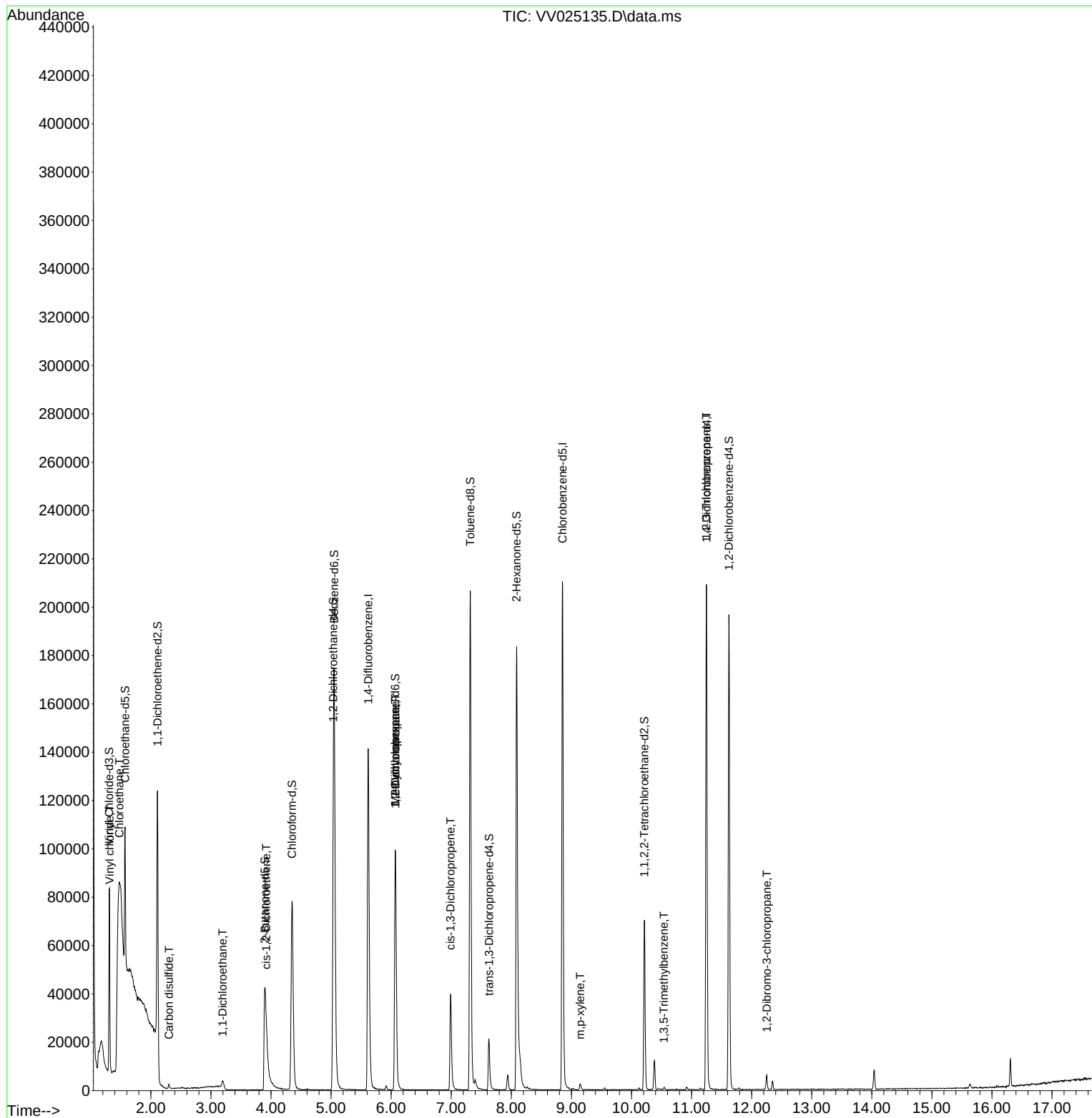
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129712	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41103	4.014	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.571	69	36909	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.111	63	53571	3.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.896	46	88736	71.700	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.400%#
24) Chloroform-d	4.349	84	85360	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.037	65	37860	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.050	84	169849	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	52593	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	142338	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.629	79	14506	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.088	63	69137	56.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36038	5.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	50589	5.417	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	8579	0.752	ug/L	94
8) Chloroethane	1.478	64	153924	22.259	ug/L #	51
14) Carbon disulfide	2.301	76	2566	0.087	ug/L #	93
19) 1,1-Dichloroethane	3.195	63	2823	0.167	ug/L #	83
22) cis-1,2-Dichloroethene	3.918	96	2575	0.256	ug/L	94
35) Methylcyclohexane	6.069	83	12294	0.729	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5375	0.585	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	925	0.072	ug/L #	69
53) m,p-xylene	9.146	106	1062	0.062	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	6504	1.402	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.542	105	744	0.039	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.252	75	171	0.215	ug/L #	1

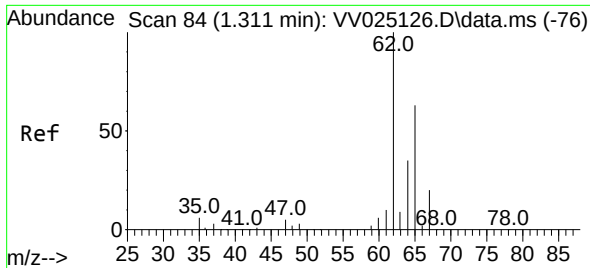
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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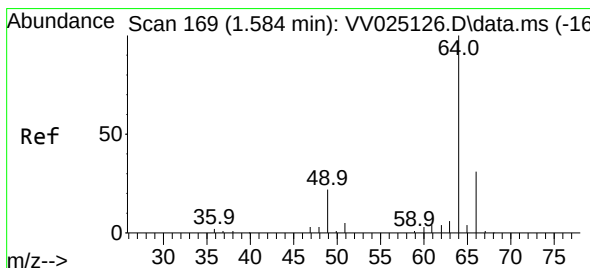
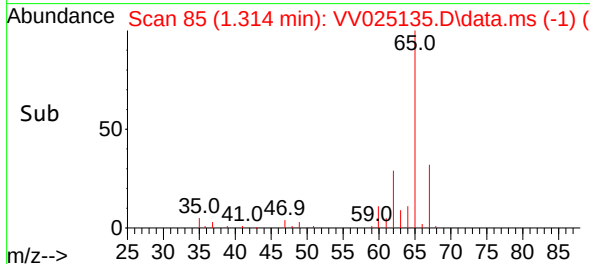
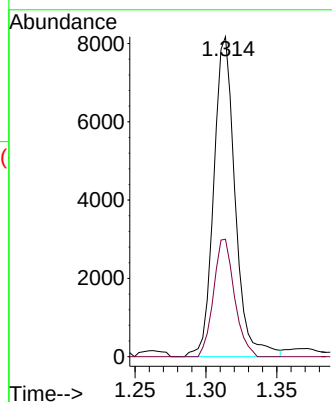
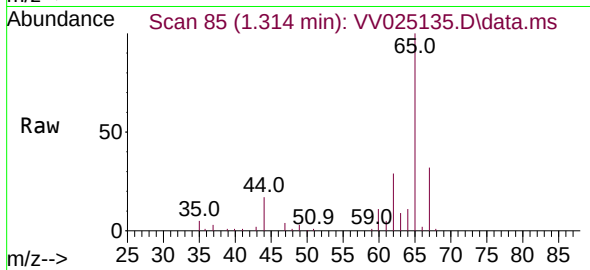




#5
 Vinyl chloride
 Concen: 0.752 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025135.D
 Acq: 23 Mar 2022 16:20

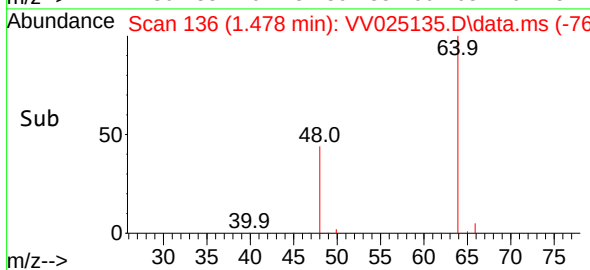
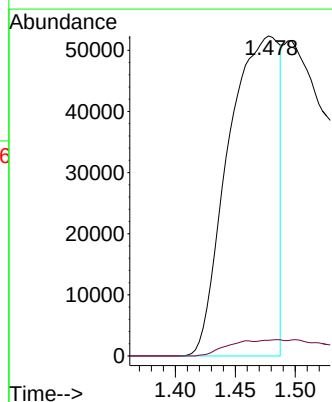
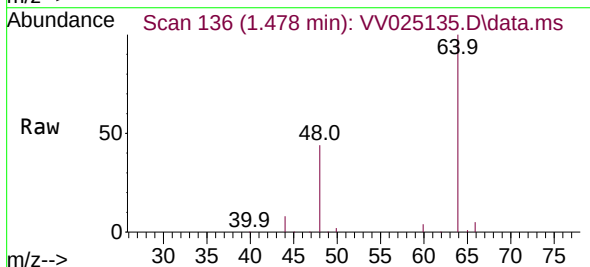
Instrument :
 MSVOA_V
 ClientSampleId :

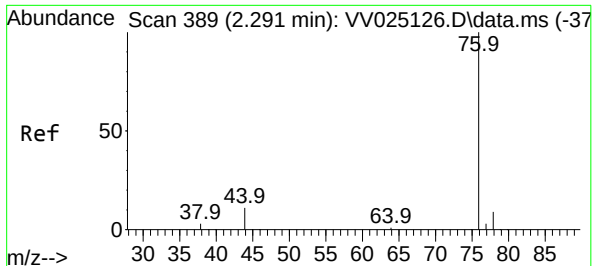
Tgt Ion: 62 Resp: 8579
 Ion Ratio Lower Upper
 62 100
 64 36.7 23.4 43.4



#8
 Chloroethane
 Concen: 22.259 ug/L
 RT: 1.478 min Scan# 136
 Delta R.T. -0.106 min
 Lab File: VV025135.D
 Acq: 23 Mar 2022 16:20

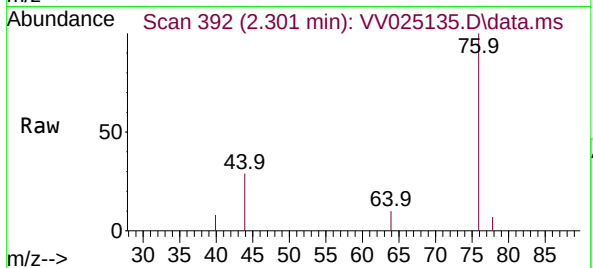
Tgt Ion: 64 Resp: 153924
 Ion Ratio Lower Upper
 64 100
 66 4.9 22.5 41.7#



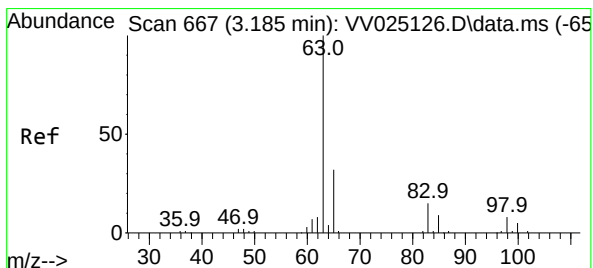
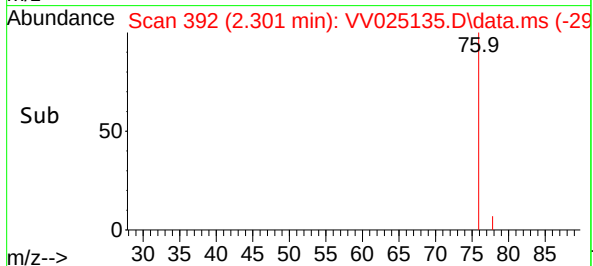
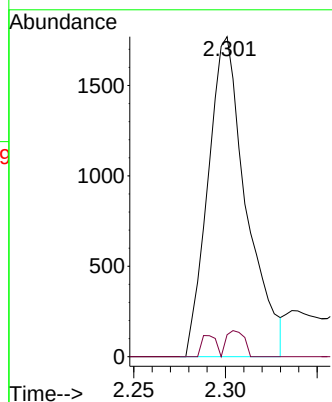


#14
Carbon disulfide
Concen: 0.087 ug/L
RT: 2.301 min Scan# 392
Delta R.T. 0.010 min
Lab File: VV025135.D
Acq: 23 Mar 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :

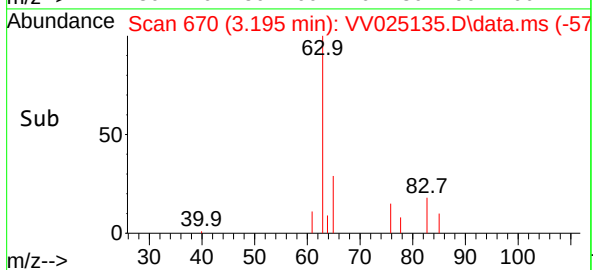
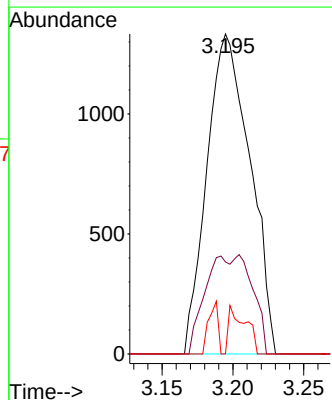
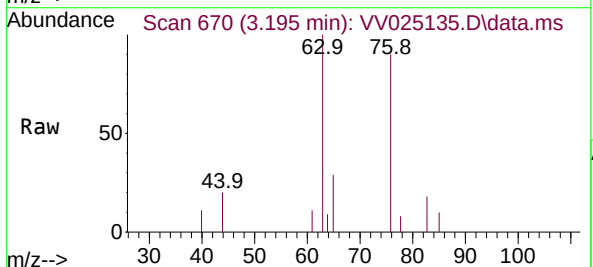


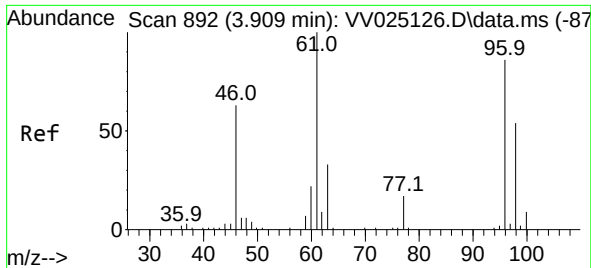
Tgt Ion: 76 Resp: 2566
Ion Ratio Lower Upper
76 100
78 6.8 7.4 11.0#



#19
1,1-Dichloroethane
Concen: 0.167 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV025135.D
Acq: 23 Mar 2022 16:20

Tgt Ion: 63 Resp: 2823
Ion Ratio Lower Upper
63 100
65 26.4 22.2 41.2
83 0.0 9.4 17.4#

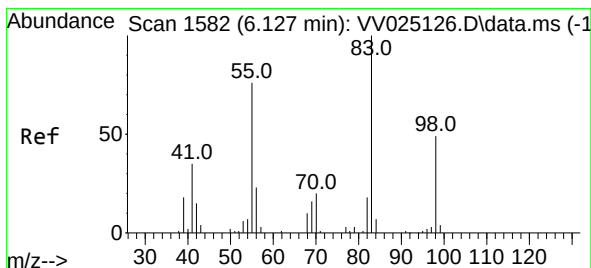
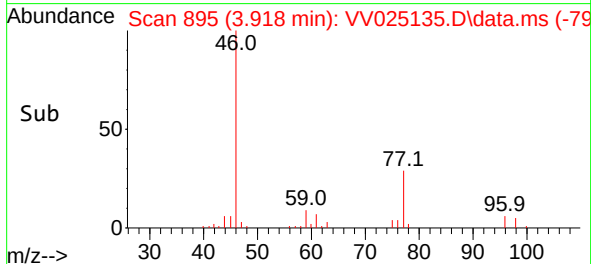
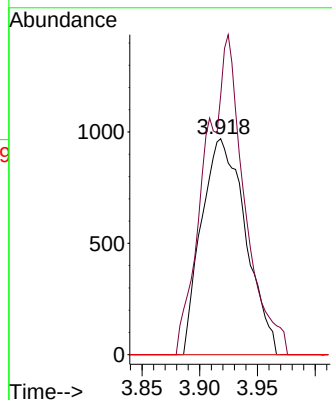
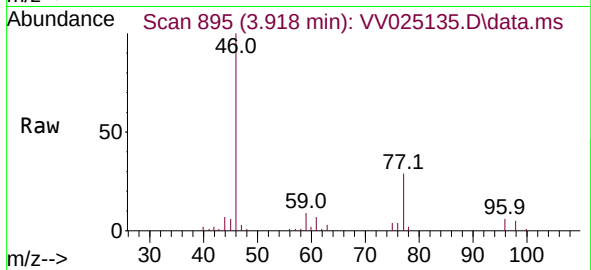




#22
 cis-1,2-Dichloroethene
 Concen: 0.256 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV025135.D
 Acq: 23 Mar 2022 16:20

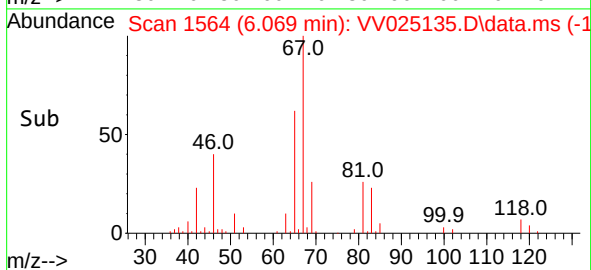
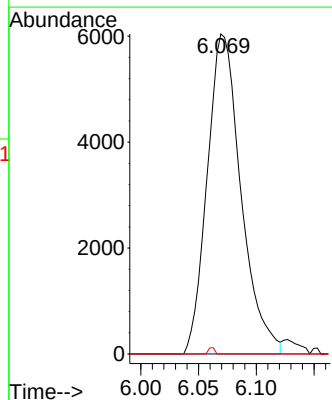
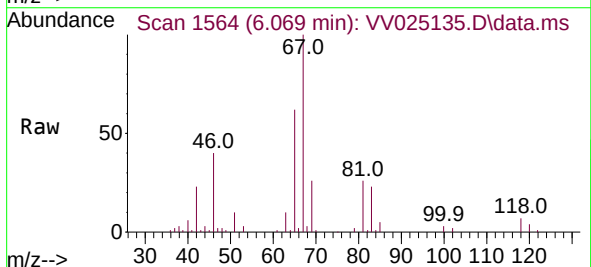
Instrument :
 MSVOA_V
 ClientSampleId :

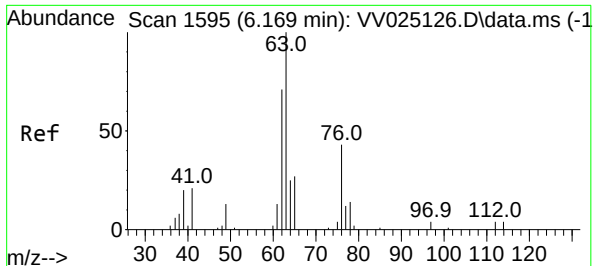
Tgt Ion: 96 Resp: 2575
 Ion Ratio Lower Upper
 96 100
 61 120.0 79.7 147.9
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.729 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.058 min
 Lab File: VV025135.D
 Acq: 23 Mar 2022 16:20

Tgt Ion: 83 Resp: 12294
 Ion Ratio Lower Upper
 83 100
 55 0.0 55.4 83.0#
 98 0.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV025135.D

Acq: 23 Mar 2022 16:20

Instrument :

MSVOA_V

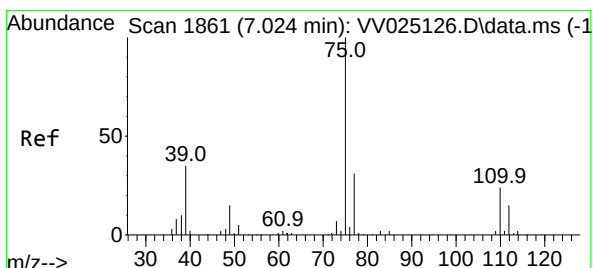
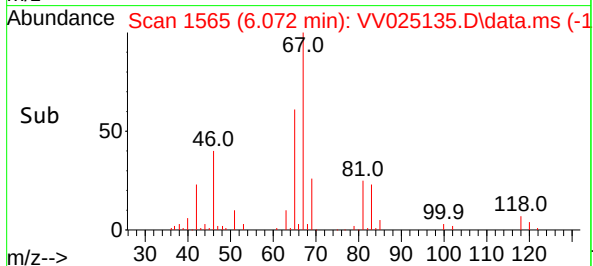
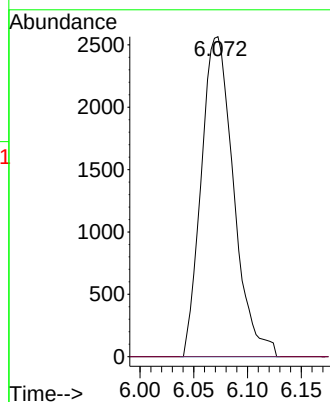
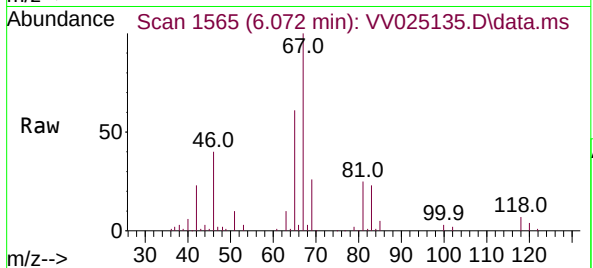
ClientSampleId :

Tgt Ion: 63 Resp: 5375

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025135.D

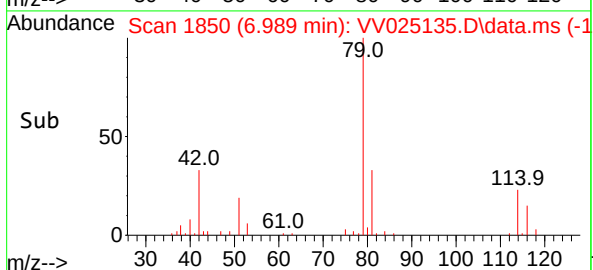
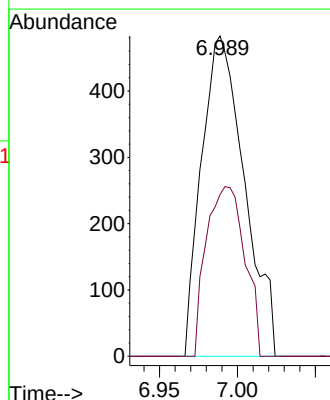
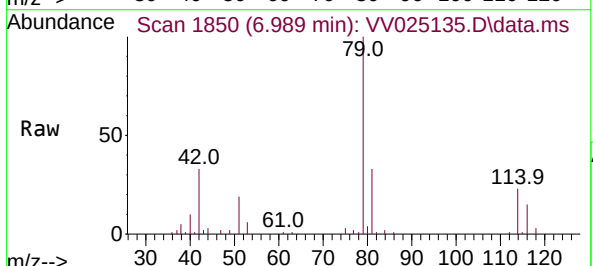
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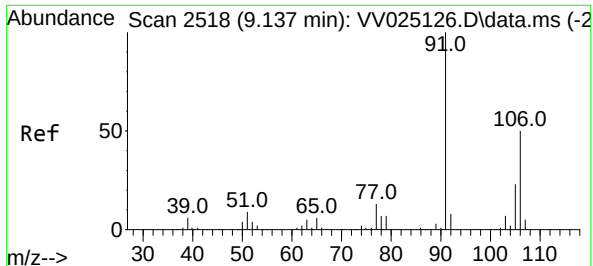
Tgt Ion: 75 Resp: 925

Ion Ratio Lower Upper

75 100

77 50.5 23.0 42.8#

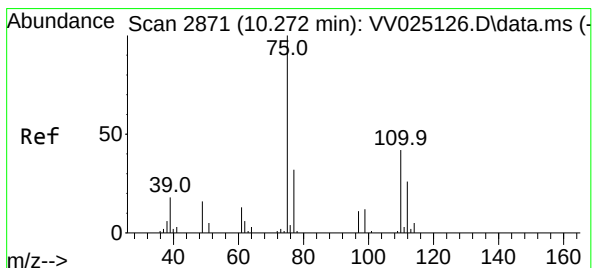
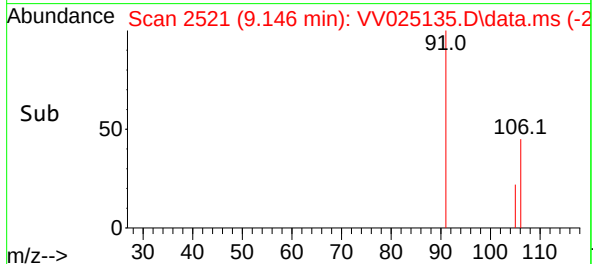
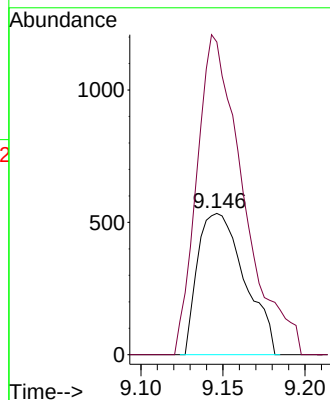
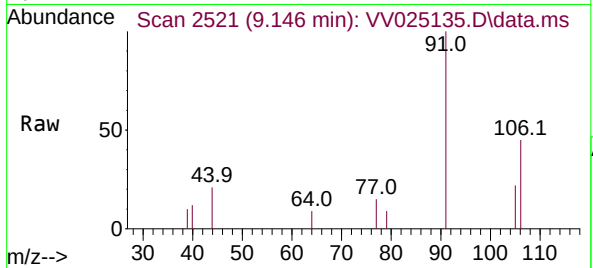




#53
m,p-xylene
Concen: 0.062 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025135.D
Acq: 23 Mar 2022 16:20

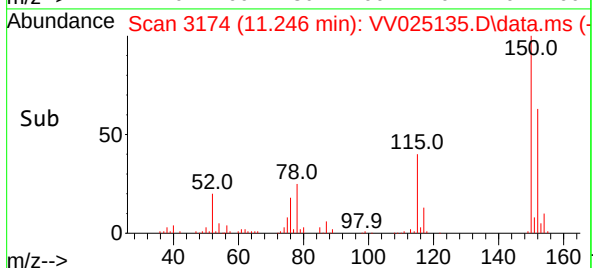
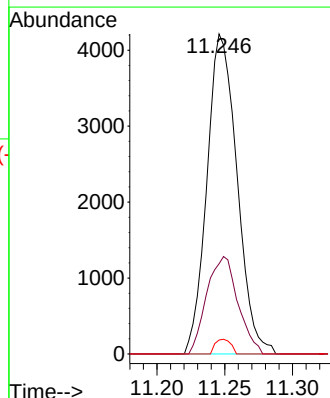
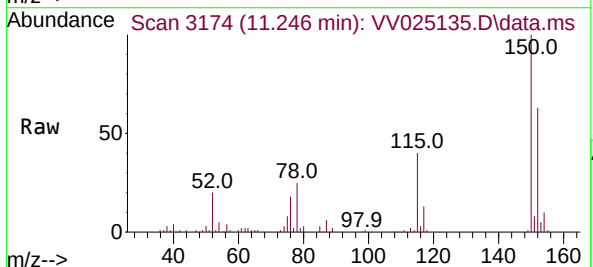
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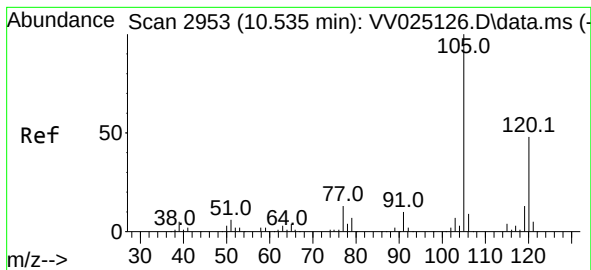
Tgt Ion:106 Resp: 1062
Ion Ratio Lower Upper
106 100
91 221.2 143.4 266.4



#61
1,2,3-Trichloropropane
Concen: 1.402 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025135.D
Acq: 23 Mar 2022 16:20

Tgt Ion: 75 Resp: 6504
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
110 2.4 31.2 46.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.039 ug/L

RT: 10.542 min Scan# 2953

Delta R.T. 0.006 min

Lab File: VV025135.D

Acq: 23 Mar 2022 16:20

Instrument :

MSVOA_V

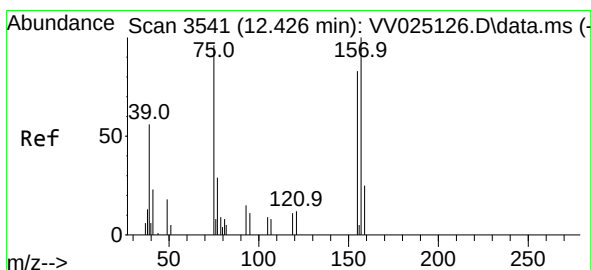
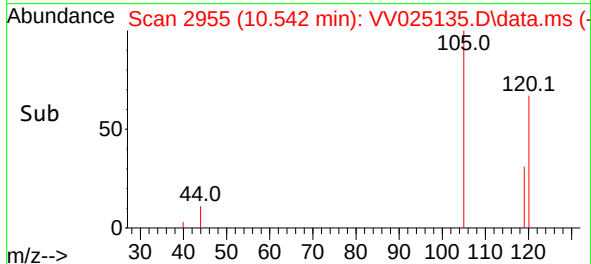
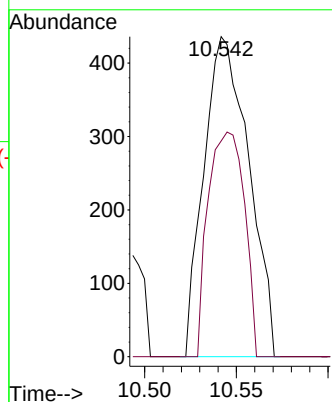
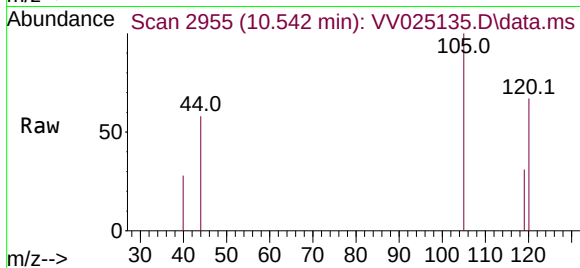
ClientSampleId :

Tgt Ion:105 Resp: 744

Ion Ratio Lower Upper

105 100

120 56.5 38.5 57.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.215 ug/L

RT: 12.252 min Scan# 3487

Delta R.T. -0.174 min

Lab File: VV025135.D

Acq: 23 Mar 2022 16:20

Tgt Ion: 75 Resp: 171

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

