

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023425.D
 Acq On : 12 Nov 2021 07:23
 Operator : SY/MD
 Sample : M4580-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:09:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113476	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50429	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29532	4.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.568	69	26015	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	43673	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.908	46	46629	38.073	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.140%
24) Chloroform-d	4.352	84	54148	3.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
26) 1,2-Dichloroethane-d4	5.034	65	30339	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.053	84	124073	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.072	67	38831	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.317	98	103077	3.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.625	79	12273	3.713	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.095	63	44256	36.393	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24942	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	38948	4.638	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%

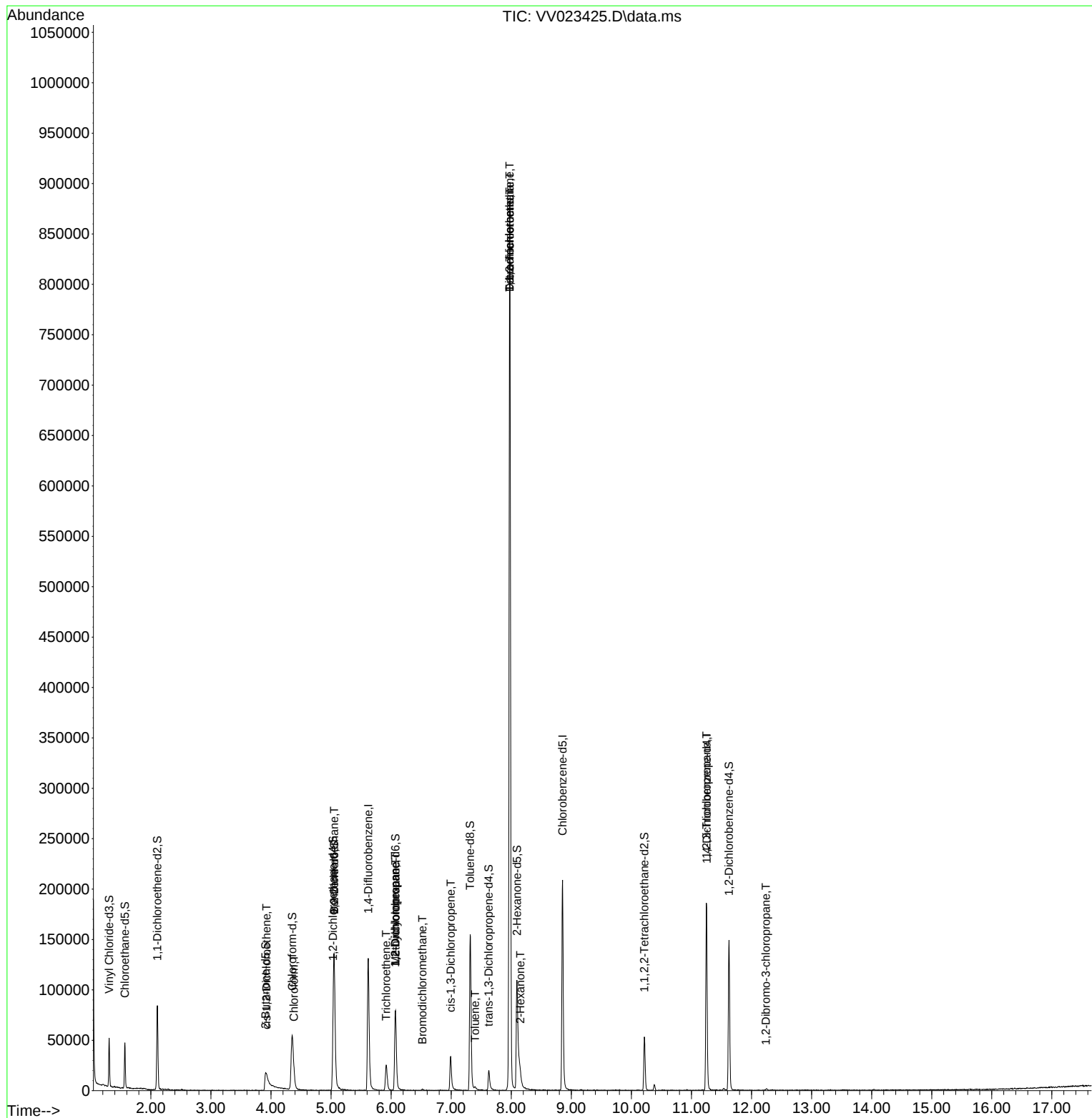
Target Compounds			Qvalue			
22) cis-1,2-Dichloroethene	3.925	96	1299	0.162	ug/L #	63
25) Chloroform	4.381	83	13838	0.924	ug/L	90
27) 1,2-Dichloroethane	5.053	62	831	0.104	ug/L #	72
34) Trichloroethene	5.918	95	8434	0.983	ug/L	99
35) Methylcyclohexane	6.072	83	10031	0.741	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4361	0.579	ug/L #	83
38) Bromodichloromethane	6.519	83	773	0.077	ug/L #	92
39) cis-1,3-Dichloropropene	6.992	75	914	0.084	ug/L #	60
42) Toluene	7.397	91	2191	0.064	ug/L	93
45) 1,1,2-Trichloroethane	7.973	97	1696	0.313	ug/L #	1
47) Tetrachloroethene	7.976	164	198174	26.658	ug/L	99
48) 2-Hexanone	8.149	43	6301	2.575	ug/L #	75
49) Dibromochloromethane	7.976	129	163942	23.914	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5502	1.642	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.239	75	49	0.069	ug/L #	1

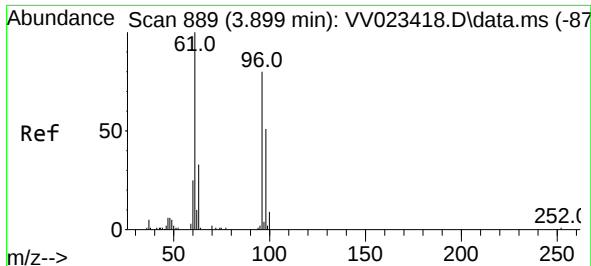
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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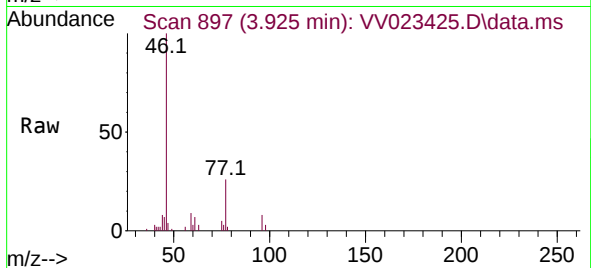
Quant Time: Nov 13 00:09:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
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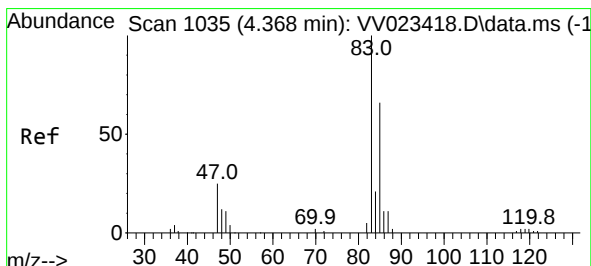
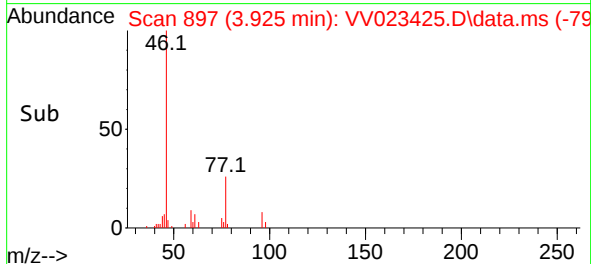
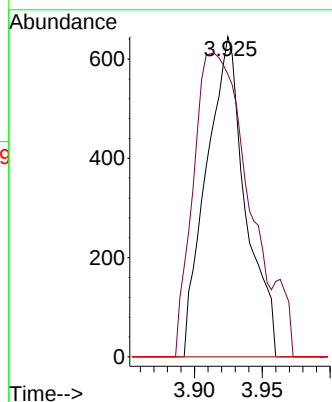


#22
 cis-1,2-Dichloroethene
 Concen: 0.162 ug/L
 RT: 3.925 min Scan# 891
 Delta R.T. 0.026 min
 Lab File: VV023425.D
 Acq: 12 Nov 2021 07:23

Instrument :
 MSVOA_V
 ClientSampleId :

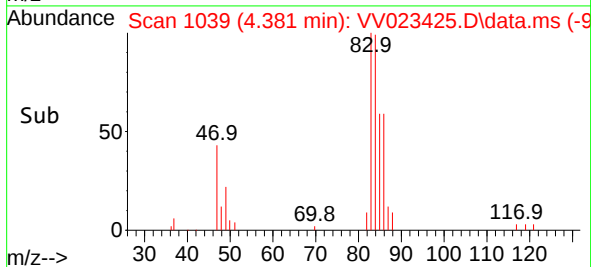
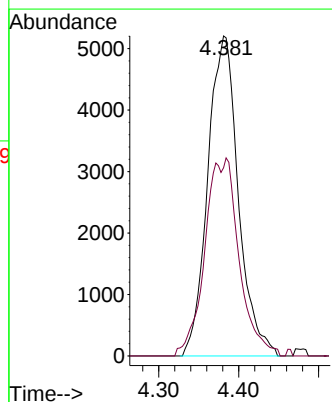
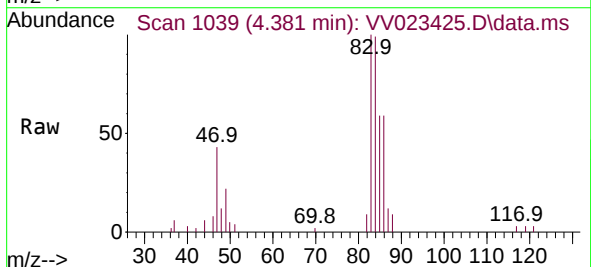


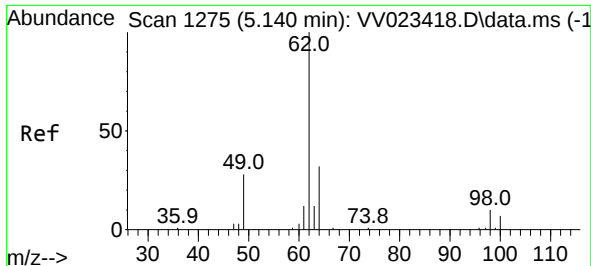
Tgt Ion: 96 Resp: 1299
 Ion Ratio Lower Upper
 96 100
 61 88.2 92.3 171.3#
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.924 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.013 min
 Lab File: VV023425.D
 Acq: 12 Nov 2021 07:23

Tgt Ion: 83 Resp: 13838
 Ion Ratio Lower Upper
 83 100
 85 58.8 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

Instrument :

MSVOA_V

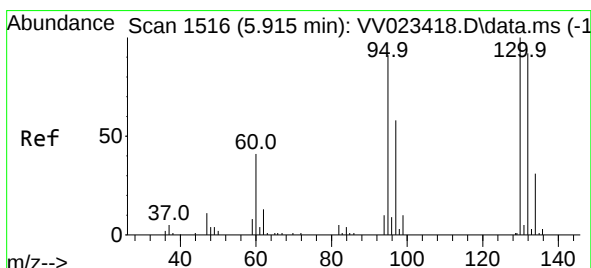
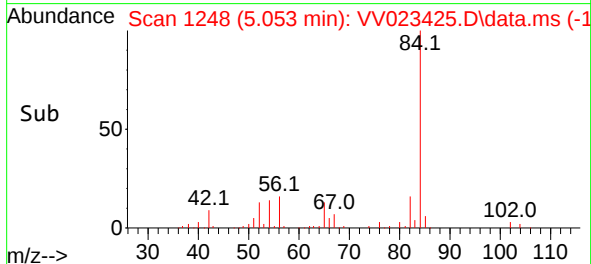
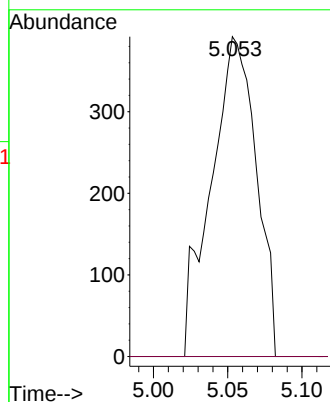
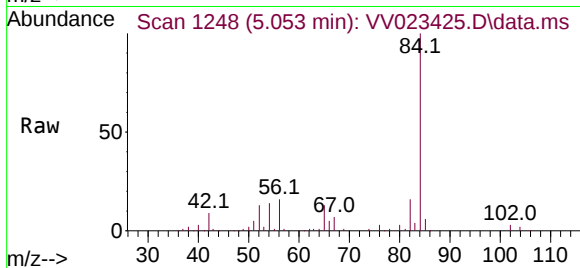
ClientSampleId :

Tgt Ion: 62 Resp: 831

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.983 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

Tgt Ion: 95 Resp: 8434

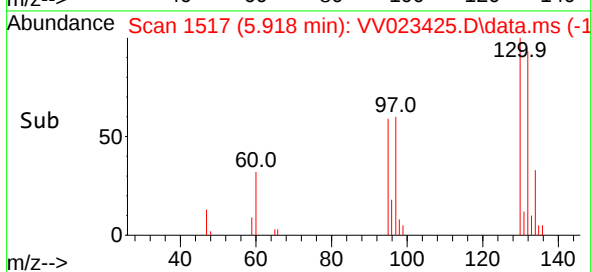
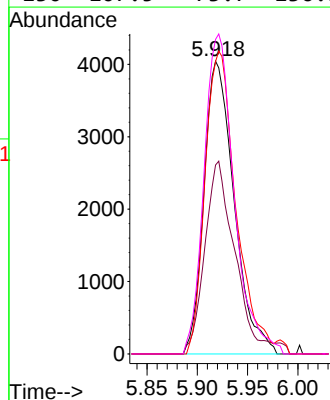
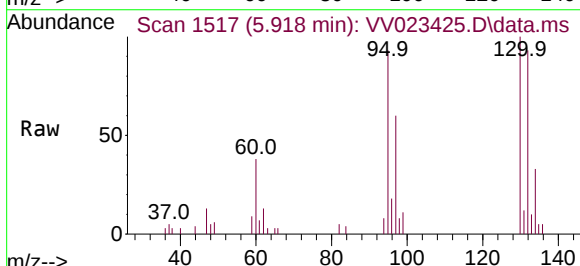
Ion Ratio Lower Upper

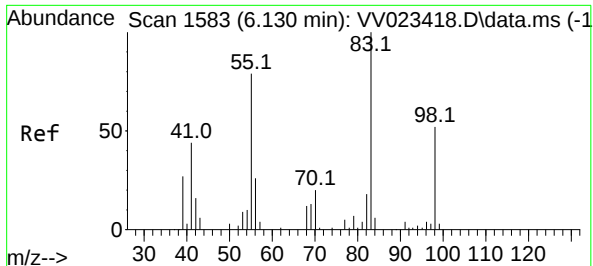
95 100

97 64.6 45.0 83.6

132 99.8 69.7 129.4

130 107.5 73.7 136.9





#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

Instrument :

MSVOA_V

ClientSampleId :

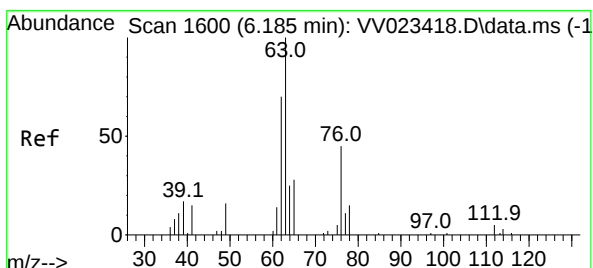
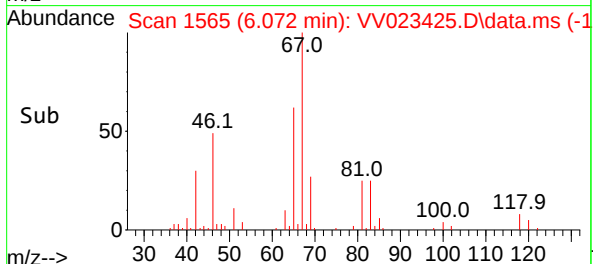
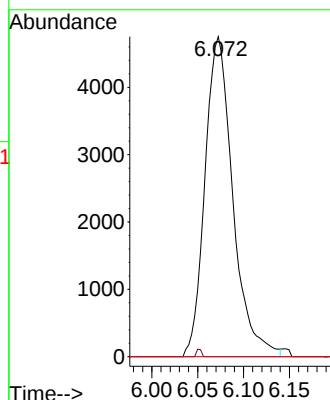
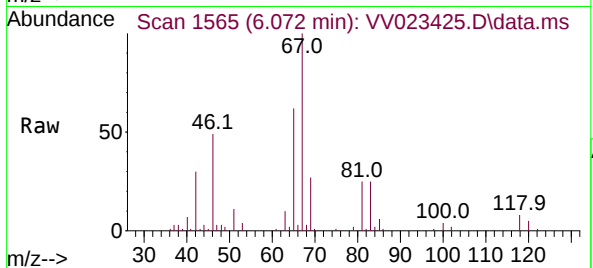
Tgt Ion: 83 Resp: 10031

Ion Ratio Lower Upper

83 100

55 0.4 62.8 94.2#

98 2.7 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.116 min

Lab File: VV023425.D

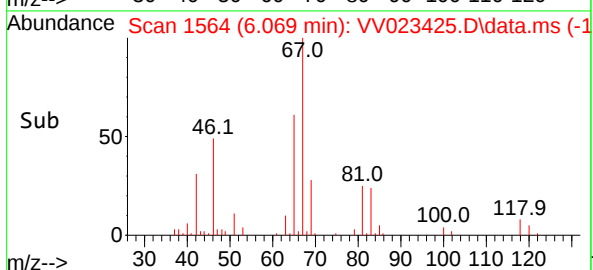
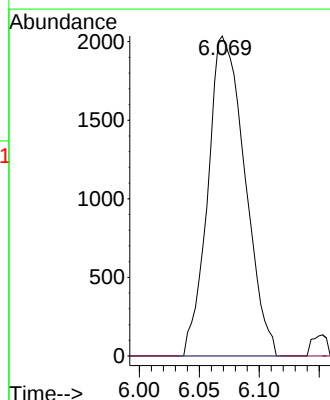
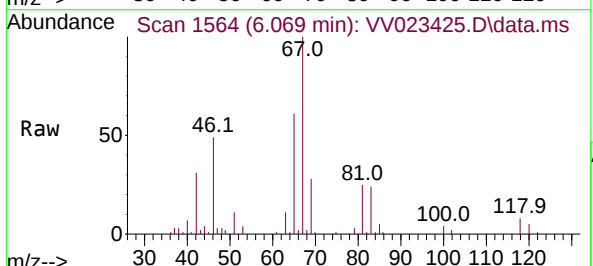
Acq: 12 Nov 2021 07:23

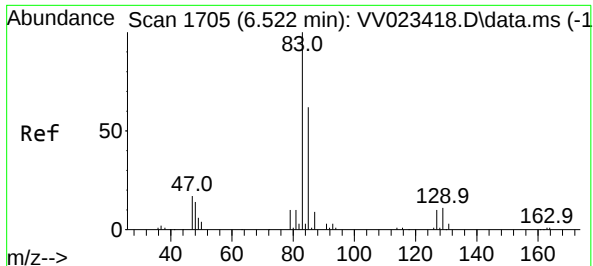
Tgt Ion: 63 Resp: 4361

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#38

Bromodichloromethane

Concen: 0.077 ug/L

RT: 6.519 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

Instrument :

MSVOA_V

ClientSampleId :

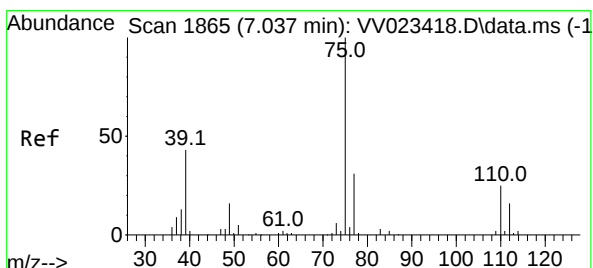
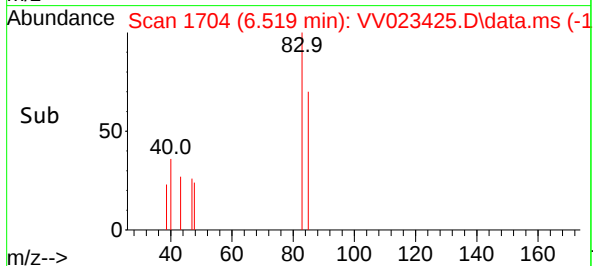
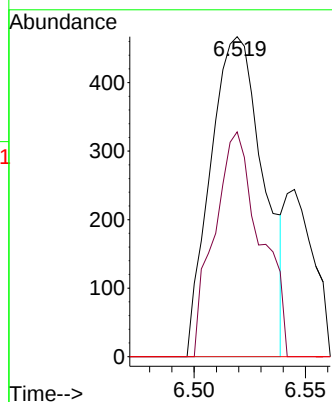
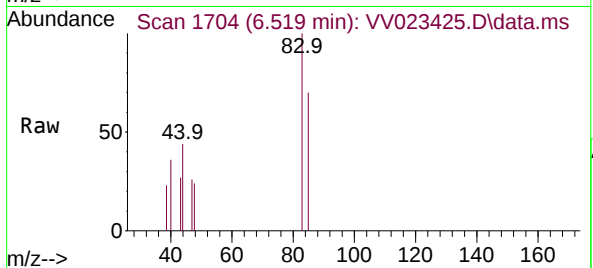
Tgt Ion: 83 Resp: 773

Ion Ratio Lower Upper

83 100

85 70.2 46.1 85.7

127 0.0 7.2 10.8#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.045 min

Lab File: VV023425.D

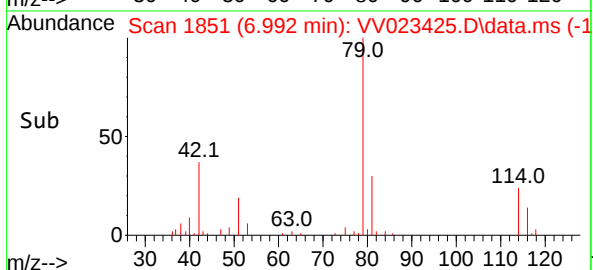
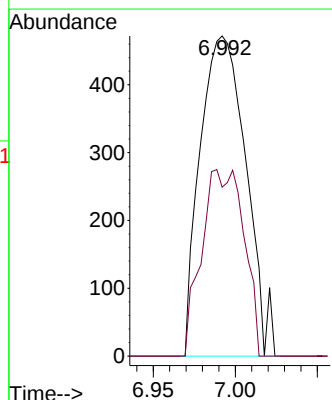
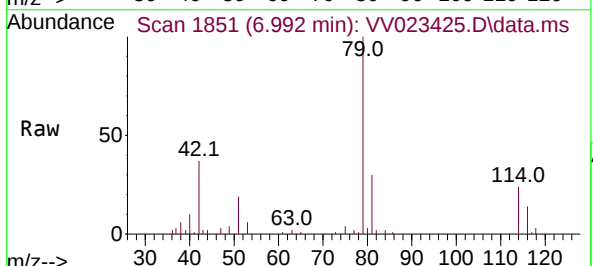
Acq: 12 Nov 2021 07:23

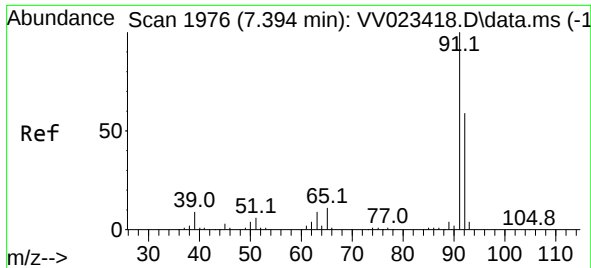
Tgt Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

77 52.8 21.6 40.2#





#42

Toluene

Concen: 0.064 ug/L

RT: 7.397 min Scan# 1976

Delta R.T. 0.003 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

Instrument :

MSVOA_V

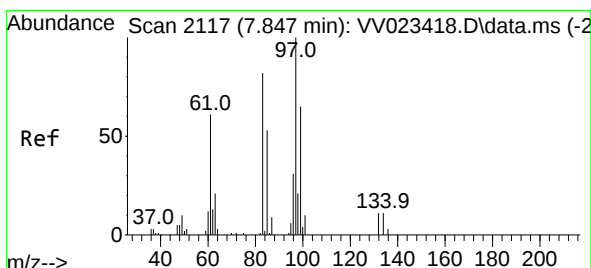
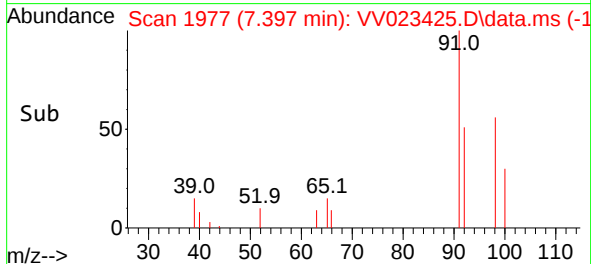
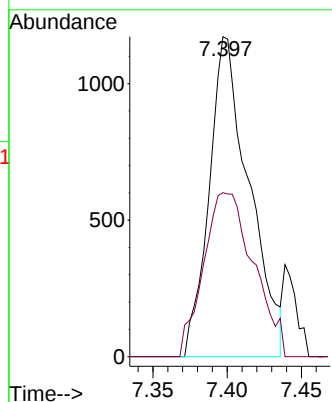
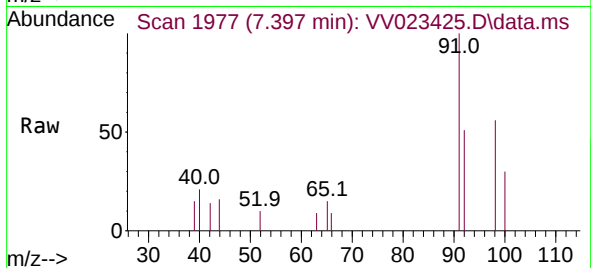
ClientSampleId :

Tgt Ion: 91 Resp: 2191

Ion Ratio Lower Upper

91 100

92 51.3 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 0.313 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.125 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

Tgt Ion: 97 Resp: 1696

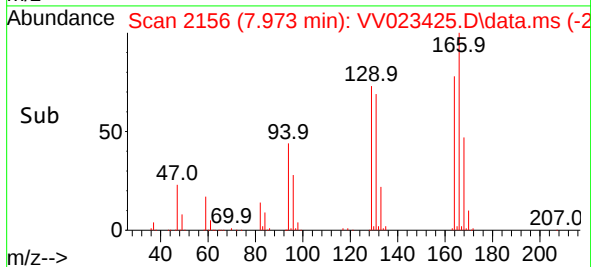
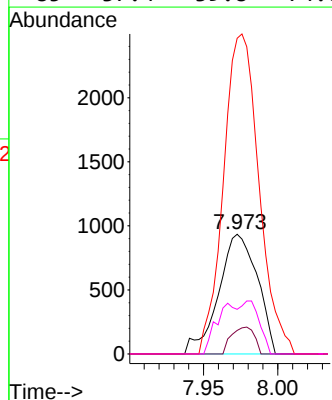
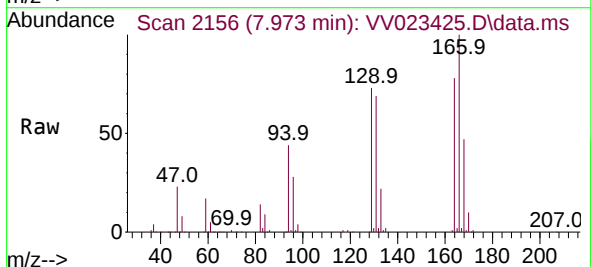
Ion Ratio Lower Upper

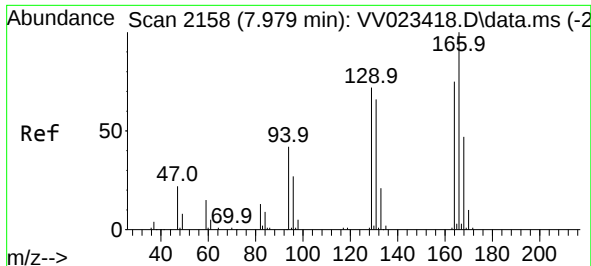
97 100

99 19.7 43.6 81.0#

83 263.8 58.4 108.4#

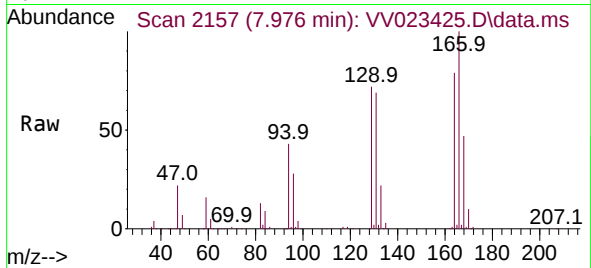
85 37.4 39.8 74.0#



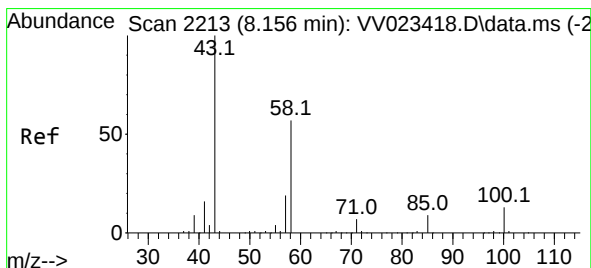
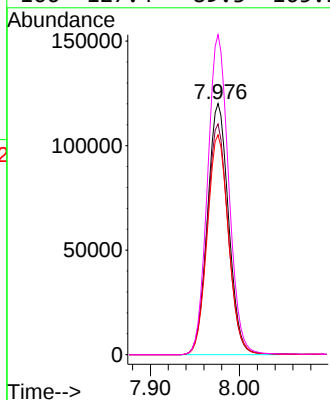
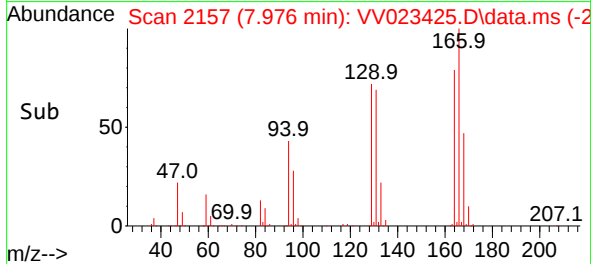


#47
Tetrachloroethene
Concen: 26.658 ug/L
RT: 7.976 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VV023425.D
Acq: 12 Nov 2021 07:23

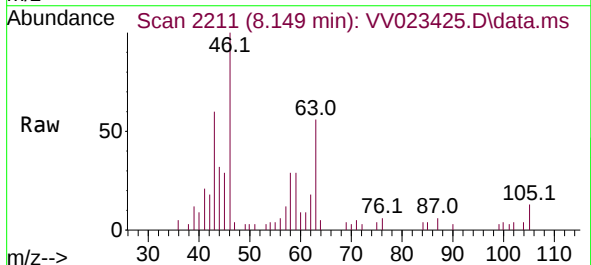
Instrument :
MSVOA_V
ClientSampleId :



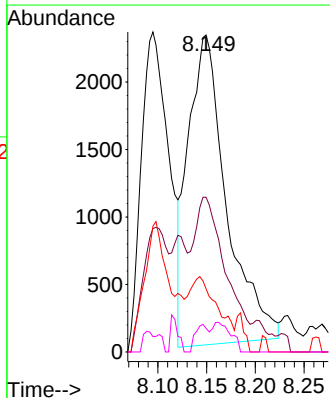
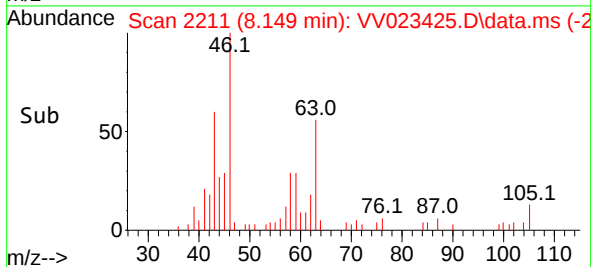
Tgt Ion:164 Resp: 198174
Ion Ratio Lower Upper
164 100
129 91.8 64.0 119.0
131 87.5 63.4 117.8
166 127.4 89.3 165.9

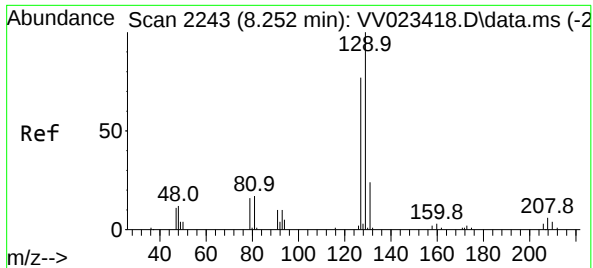


#48
2-Hexanone
Concen: 2.575 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VV023425.D
Acq: 12 Nov 2021 07:23



Tgt Ion: 43 Resp: 6301
Ion Ratio Lower Upper
43 100
58 31.3 43.7 65.5#
57 18.7 14.1 21.1
100 3.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 23.914 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.276 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

Instrument :

MSVOA_V

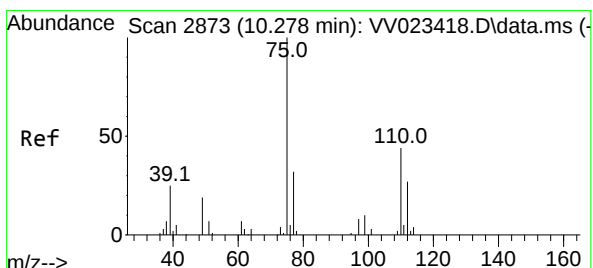
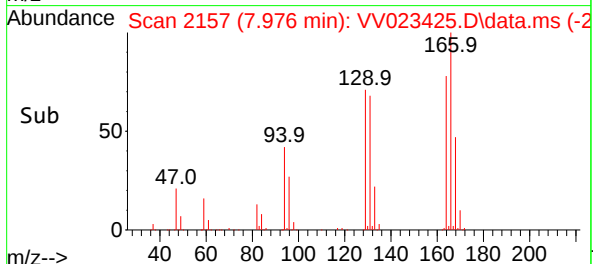
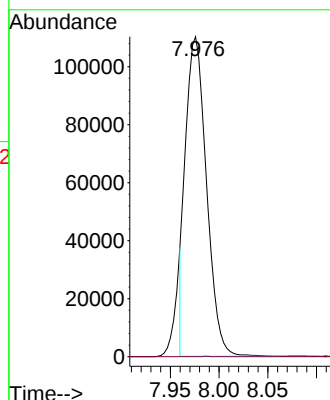
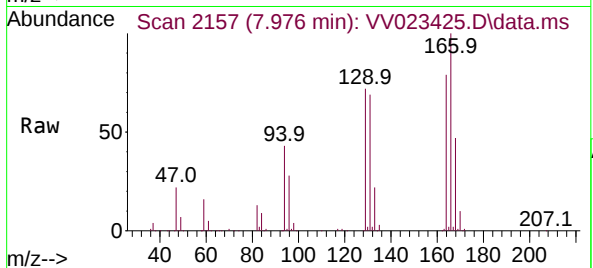
ClientSampleId :

Tgt Ion:129 Resp: 163942

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.642 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.971 min

Lab File: VV023425.D

Acq: 12 Nov 2021 07:23

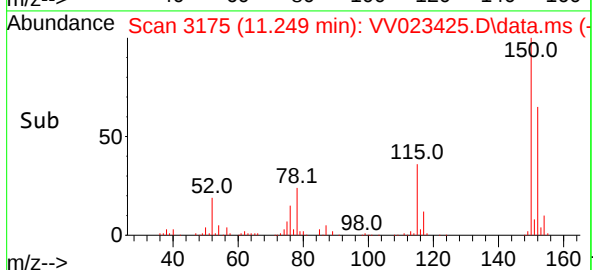
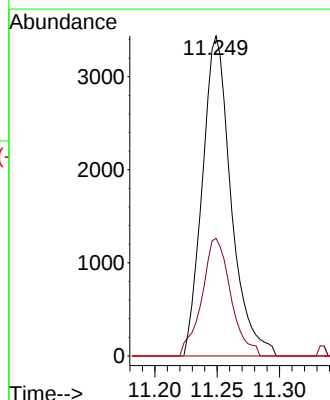
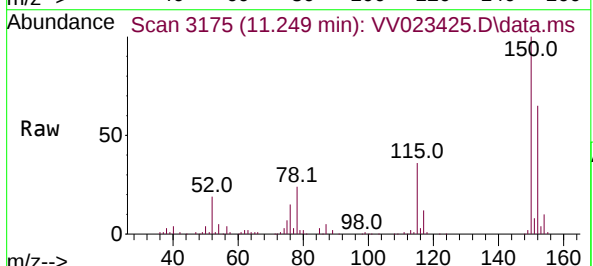
Tgt Ion: 75 Resp: 5502

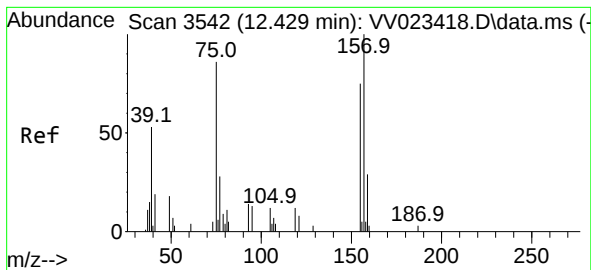
Ion Ratio Lower Upper

75 100

77 37.0 26.6 39.8

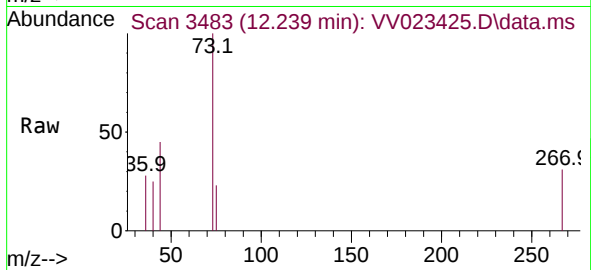
110 0.0 31.8 47.6#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.069 ug/L
 RT: 12.239 min Scan# 34
 Delta R.T. -0.190 min
 Lab File: VV023425.D
 Acq: 12 Nov 2021 07:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	49
Ion	Ratio	Lower	Upper
75	100		
155	0.0	67.7	101.5#
157	0.0	87.9	131.9#

