

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025501.D
 Acq On : 13 Apr 2022 18:43
 Operator : SY/MD
 Sample : N2356-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:12:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

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

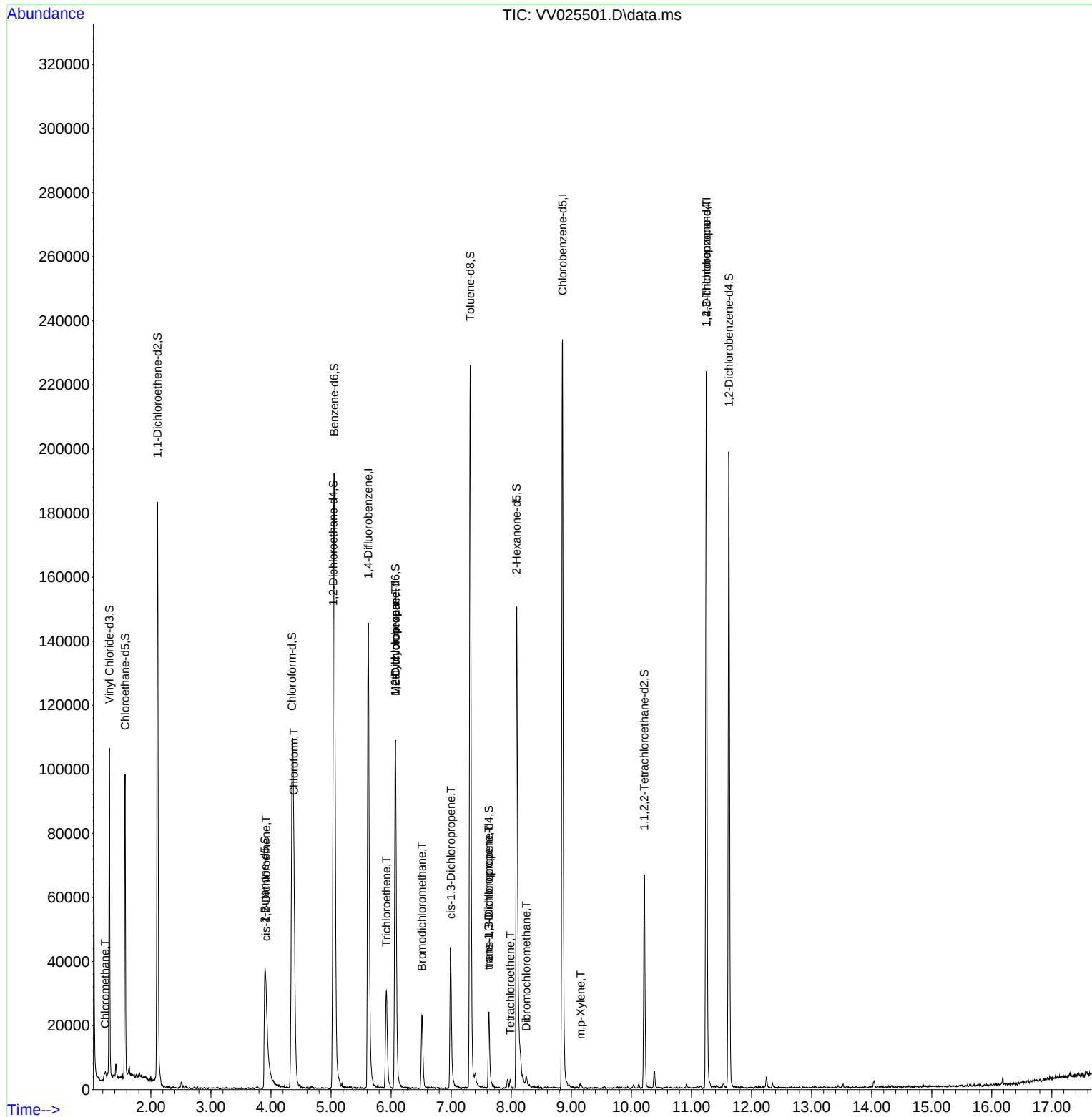
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128819	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	64525	5.388	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%
7) Chloroethane-d5	1.571	69	58587	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.111	63	96729	4.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.899	46	69526	47.725	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	4.352	84	92648	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.037	65	41571	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.053	84	181596	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.072	67	52665	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	151930	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.629	79	13650	3.838	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.088	63	51979	41.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31076	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	50220	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	641	0.051	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	2011	0.204	ug/L	82
25) Chloroform	4.381	83	59780	3.571	ug/L	97
34) Trichloroethene	5.921	95	10698	1.040	ug/L	97
35) Methylcyclohexane	6.072	83	13097	0.798	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5840	0.652	ug/L #	85
38) Bromodichloromethane	6.513	83	15450	1.389	ug/L	92
39) cis-1,3-Dichloropropene	6.995	75	1175	0.100	ug/L #	82
44) trans-1,3-Dichloropropene	7.625	75	734	0.080	ug/L #	49
47) Tetrachloroethene	7.986	164	559	0.069	ug/L #	71
49) Dibromochloromethane	8.249	129	1450	0.220	ug/L	98
53) m,p-Xylene	9.156	106	527	0.031	ug/L	72
61) 1,2,3-Trichloropropane	11.249	75	7215	1.872	ug/L #	60

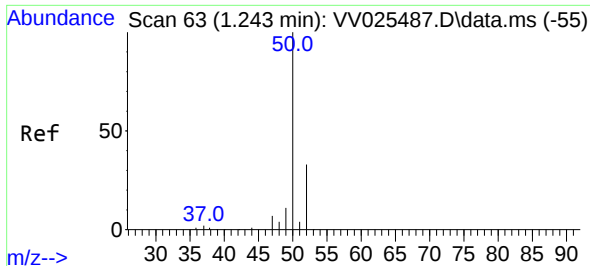
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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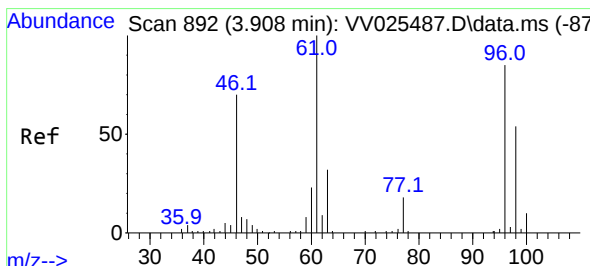
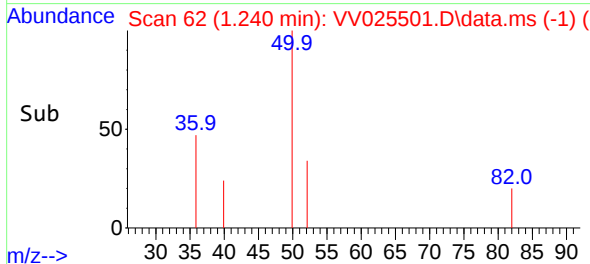
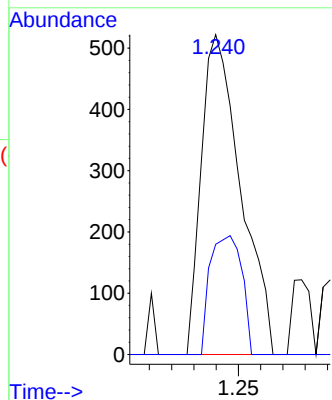
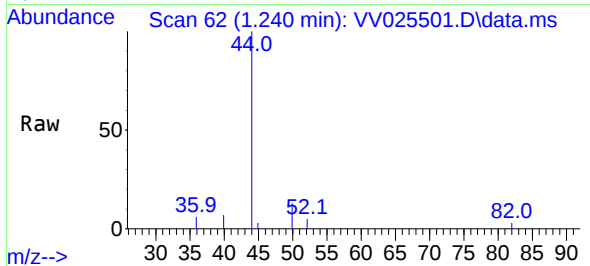




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025501.D
Acq: 13 Apr 2022 18:43

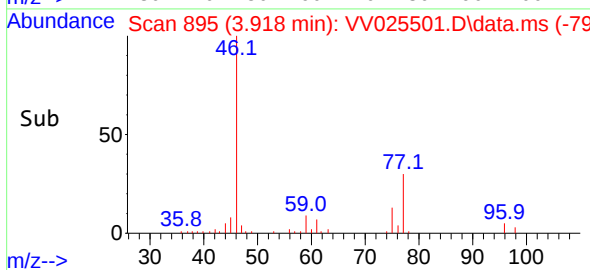
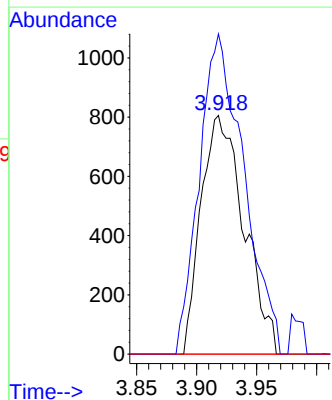
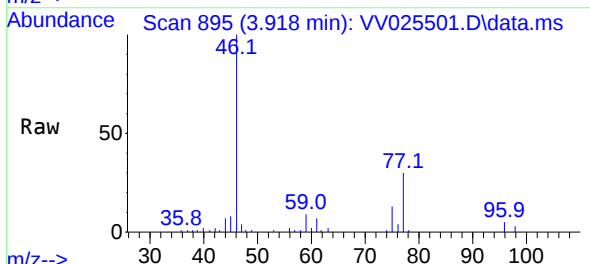
Instrument :
MSVOA_V
ClientSampleId :

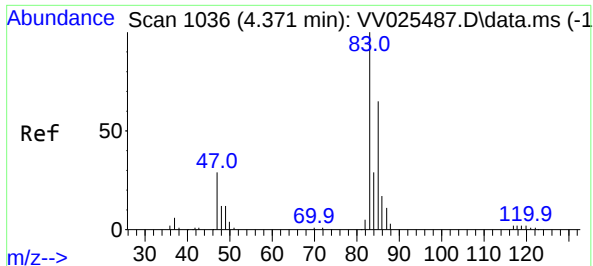
Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 34.5 23.7 43.9



#22
cis-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV025501.D
Acq: 13 Apr 2022 18:43

Tgt Ion: 96 Resp: 2011
Ion Ratio Lower Upper
96 100
61 134.1 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.571 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025501.D

Acq: 13 Apr 2022 18:43

Instrument :

MSVOA_V

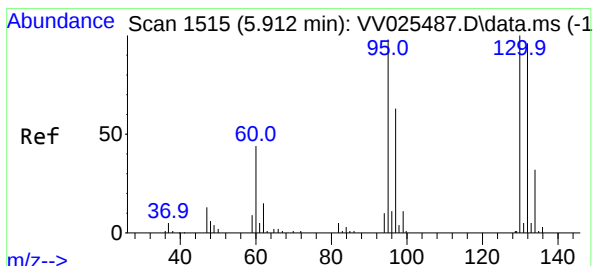
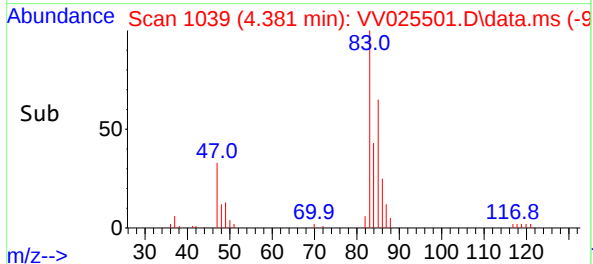
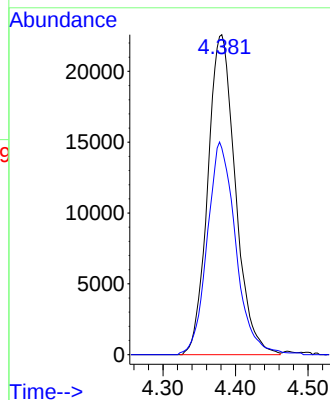
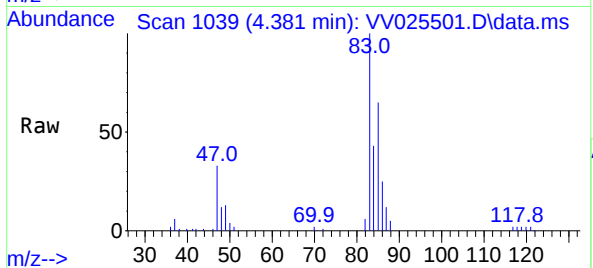
ClientSampleId :

Tgt Ion: 83 Resp: 59780

Ion Ratio Lower Upper

83 100

85 64.6 43.5 80.7



#34

Trichloroethene

Concen: 1.040 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV025501.D

Acq: 13 Apr 2022 18:43

Tgt Ion: 95 Resp: 10698

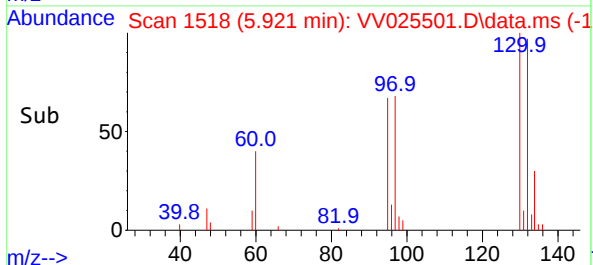
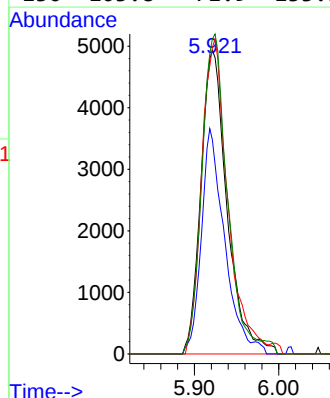
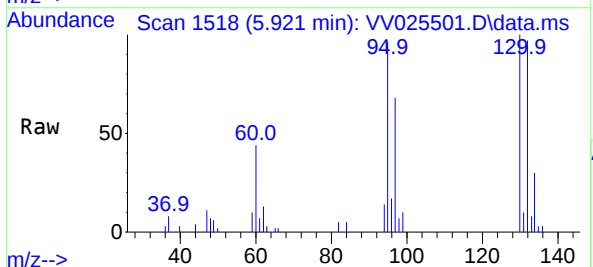
Ion Ratio Lower Upper

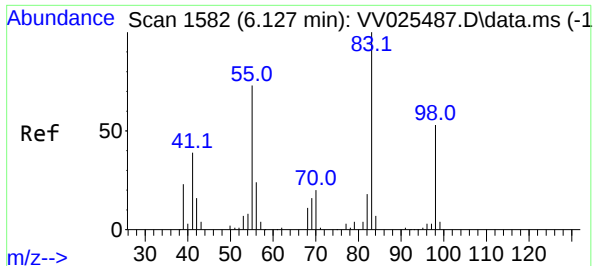
95 100

97 70.6 45.8 85.2

132 101.0 68.0 126.4

130 103.8 71.9 133.5





#35

Methylcyclohexane

Concen: 0.798 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025501.D

Acq: 13 Apr 2022 18:43

Instrument :

MSVOA_V

ClientSampleId :

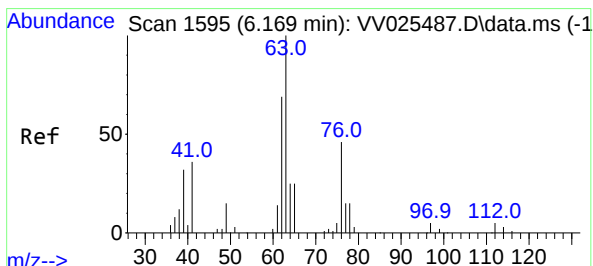
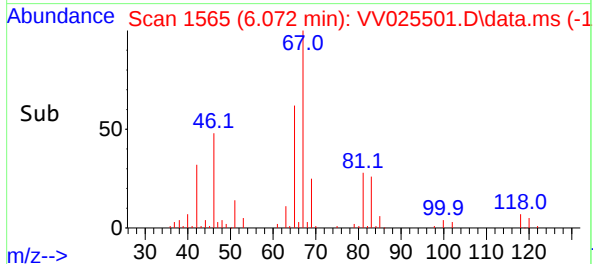
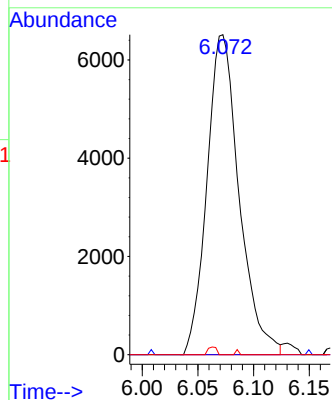
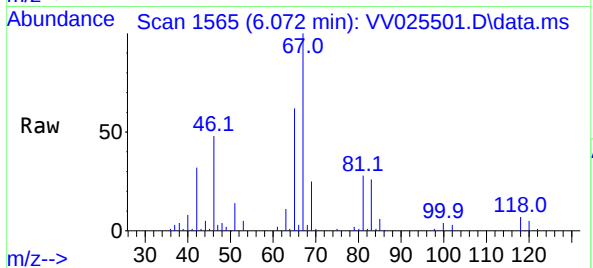
Tgt Ion: 83 Resp: 13097

Ion Ratio Lower Upper

83 100

55 0.2 53.7 80.5#

98 0.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV025501.D

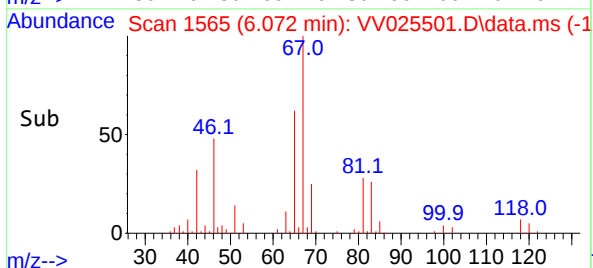
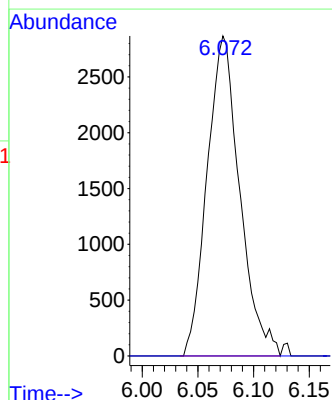
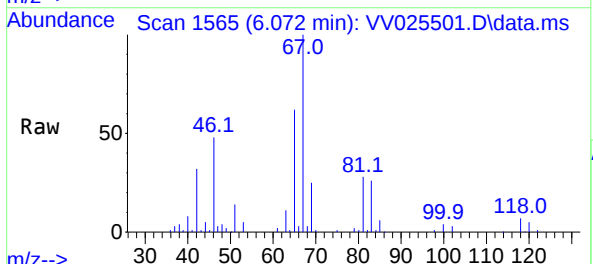
Acq: 13 Apr 2022 18:43

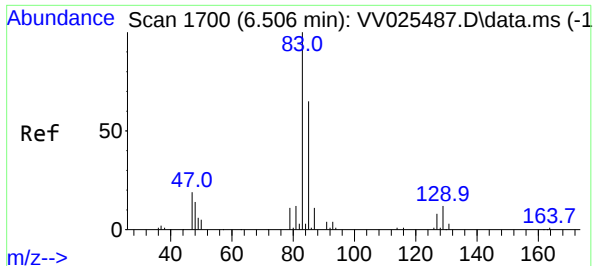
Tgt Ion: 63 Resp: 5840

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#38

Bromodichloromethane

Concen: 1.389 ug/L

RT: 6.513 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV025501.D

Acq: 13 Apr 2022 18:43

Instrument :

MSVOA_V

ClientSampleId :

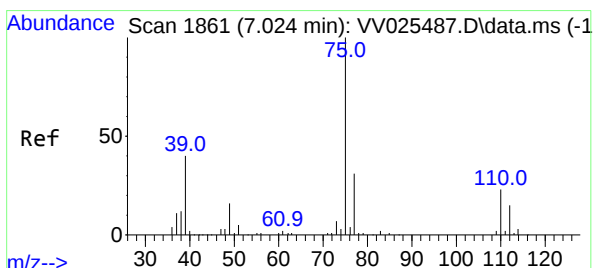
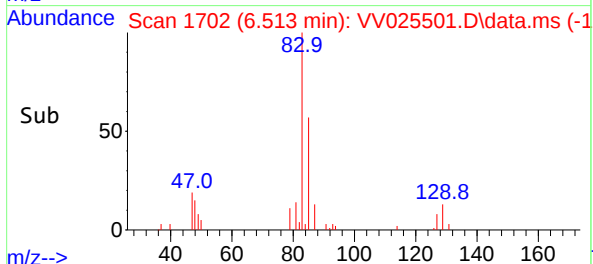
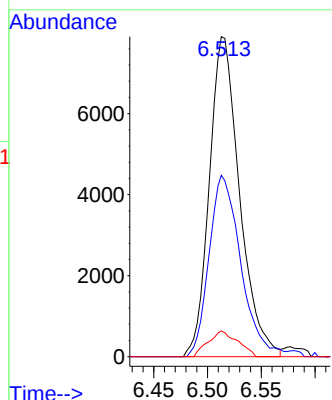
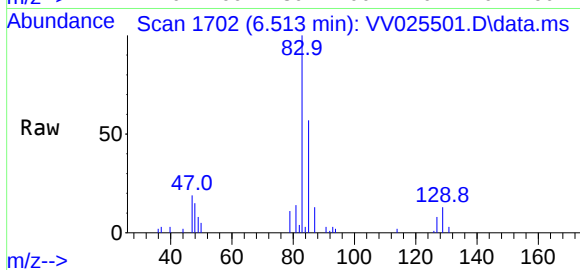
Tgt Ion: 83 Resp: 15450

Ion Ratio Lower Upper

83 100

85 56.7 44.4 82.4

127 8.1 7.2 10.8



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV025501.D

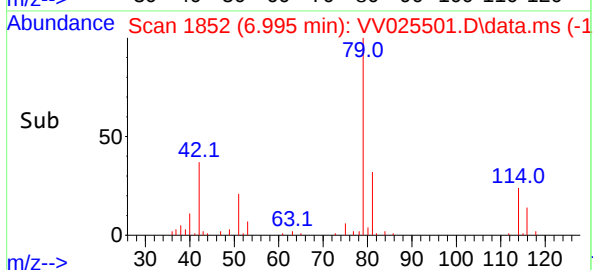
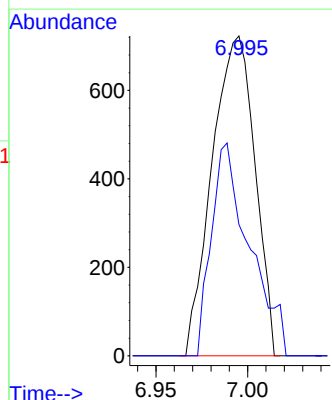
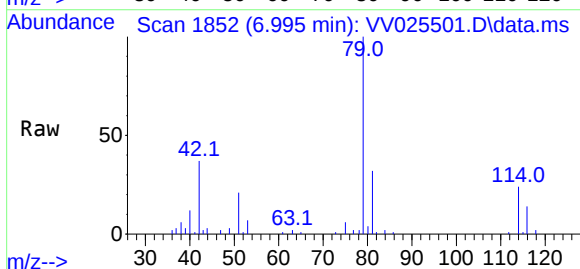
Acq: 13 Apr 2022 18:43

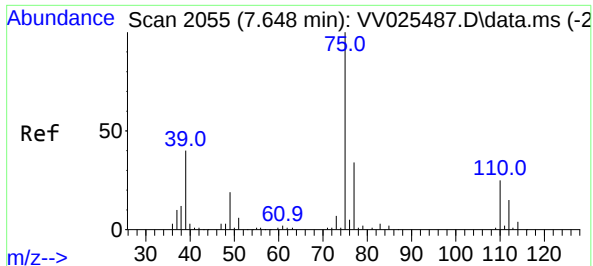
Tgt Ion: 75 Resp: 1175

Ion Ratio Lower Upper

75 100

77 41.1 21.8 40.6#

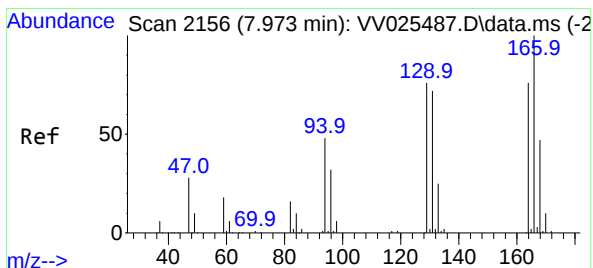
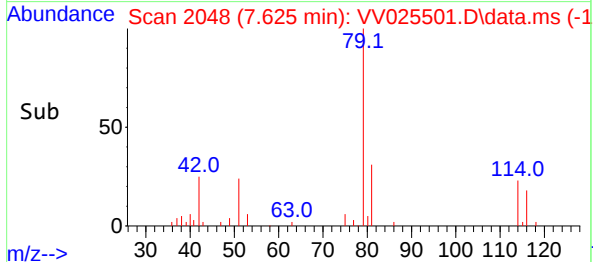
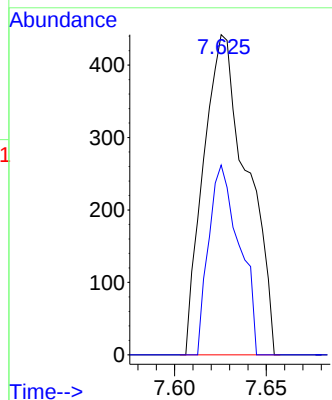
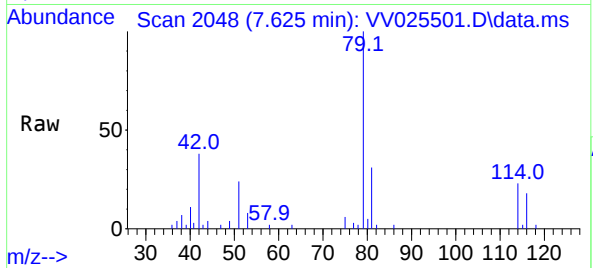




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.022 min
Lab File: VV025501.D
Acq: 13 Apr 2022 18:43

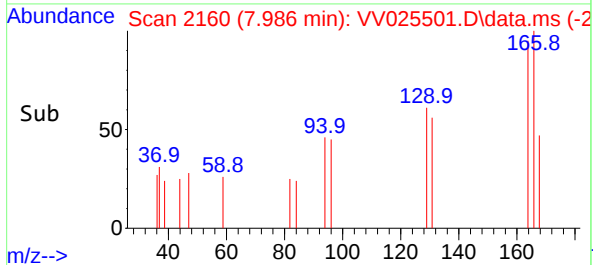
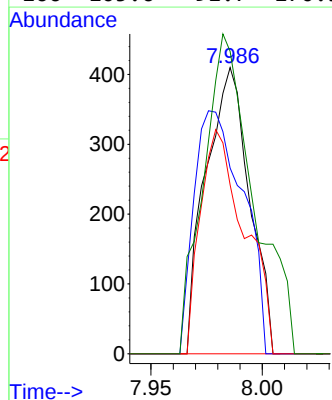
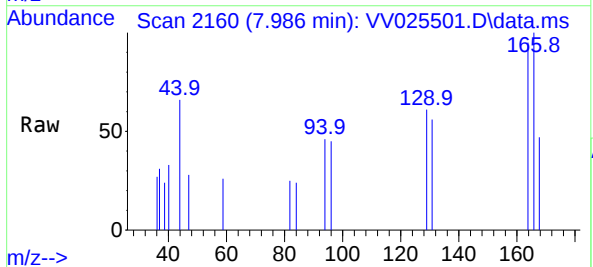
Instrument :
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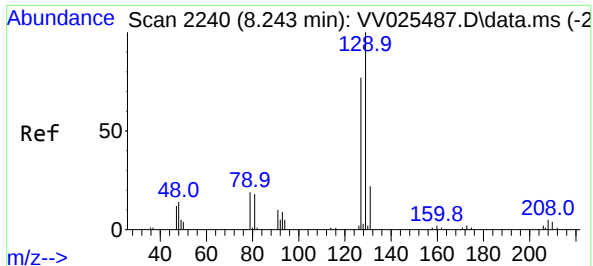
Tgt Ion: 75 Resp: 734
Ion Ratio Lower Upper
75 100
77 59.3 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.069 ug/L
RT: 7.986 min Scan# 2160
Delta R.T. 0.013 min
Lab File: VV025501.D
Acq: 13 Apr 2022 18:43

Tgt Ion: 164 Resp: 559
Ion Ratio Lower Upper
164 100
129 64.9 66.8 124.2#
131 59.0 66.4 123.4#
166 105.6 91.7 170.3





#49

Dibromochloromethane

Concen: 0.220 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV025501.D

Acq: 13 Apr 2022 18:43

Instrument :

MSVOA_V

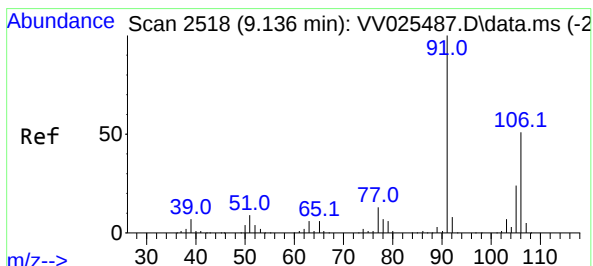
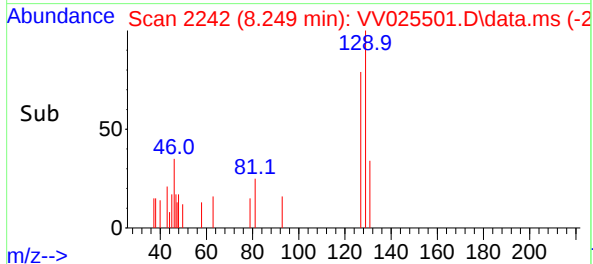
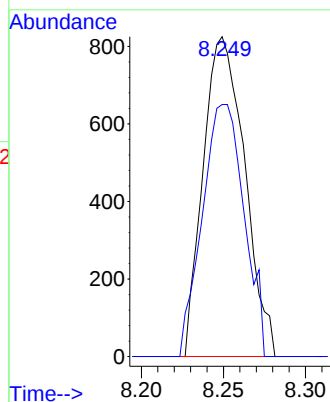
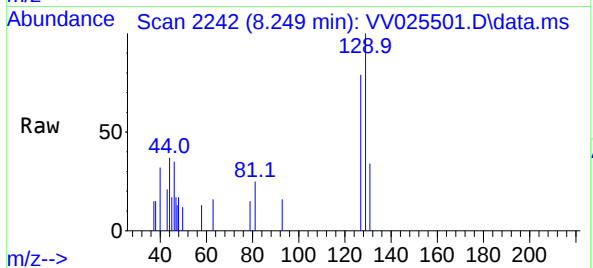
ClientSampleId :

Tgt Ion:129 Resp: 1450

Ion Ratio Lower Upper

129 100

127 78.8 53.8 100.0



#53

m,p-Xylene

Concen: 0.031 ug/L

RT: 9.156 min Scan# 2524

Delta R.T. 0.019 min

Lab File: VV025501.D

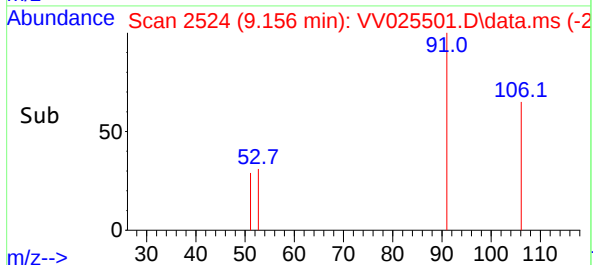
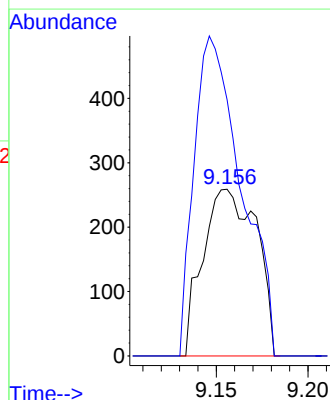
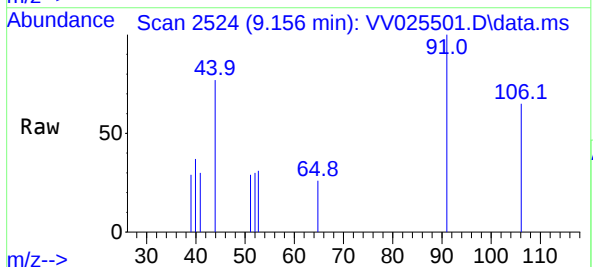
Acq: 13 Apr 2022 18:43

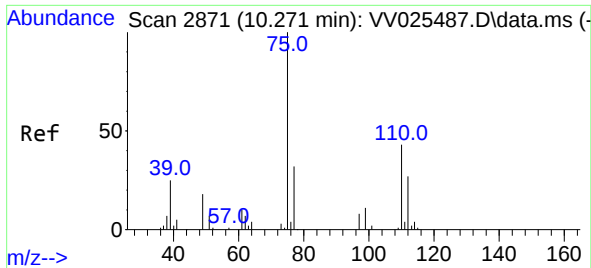
Tgt Ion:106 Resp: 527

Ion Ratio Lower Upper

106 100

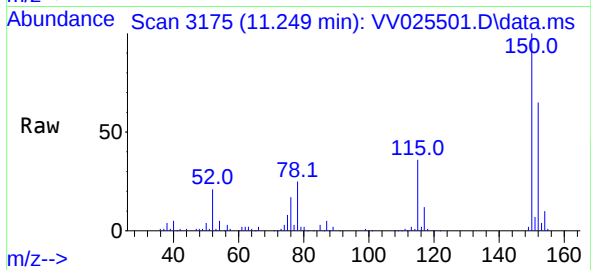
91 153.7 136.4 253.4





#61
1,2,3-Trichloropropane
Concen: 1.872 ug/L
RT: 11.249 min Scan# 31
Delta R.T. 0.978 min
Lab File: VV025501.D
Acq: 13 Apr 2022 18:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75	Resp:	7215
Ion	Ratio	Lower Upper
75	100	
77	34.4	25.6 38.4
110	0.7	34.7 52.1#

