

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023424.D
 Acq On : 12 Nov 2021 06:59
 Operator : SY/MD
 Sample : M4580-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:09:09 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)

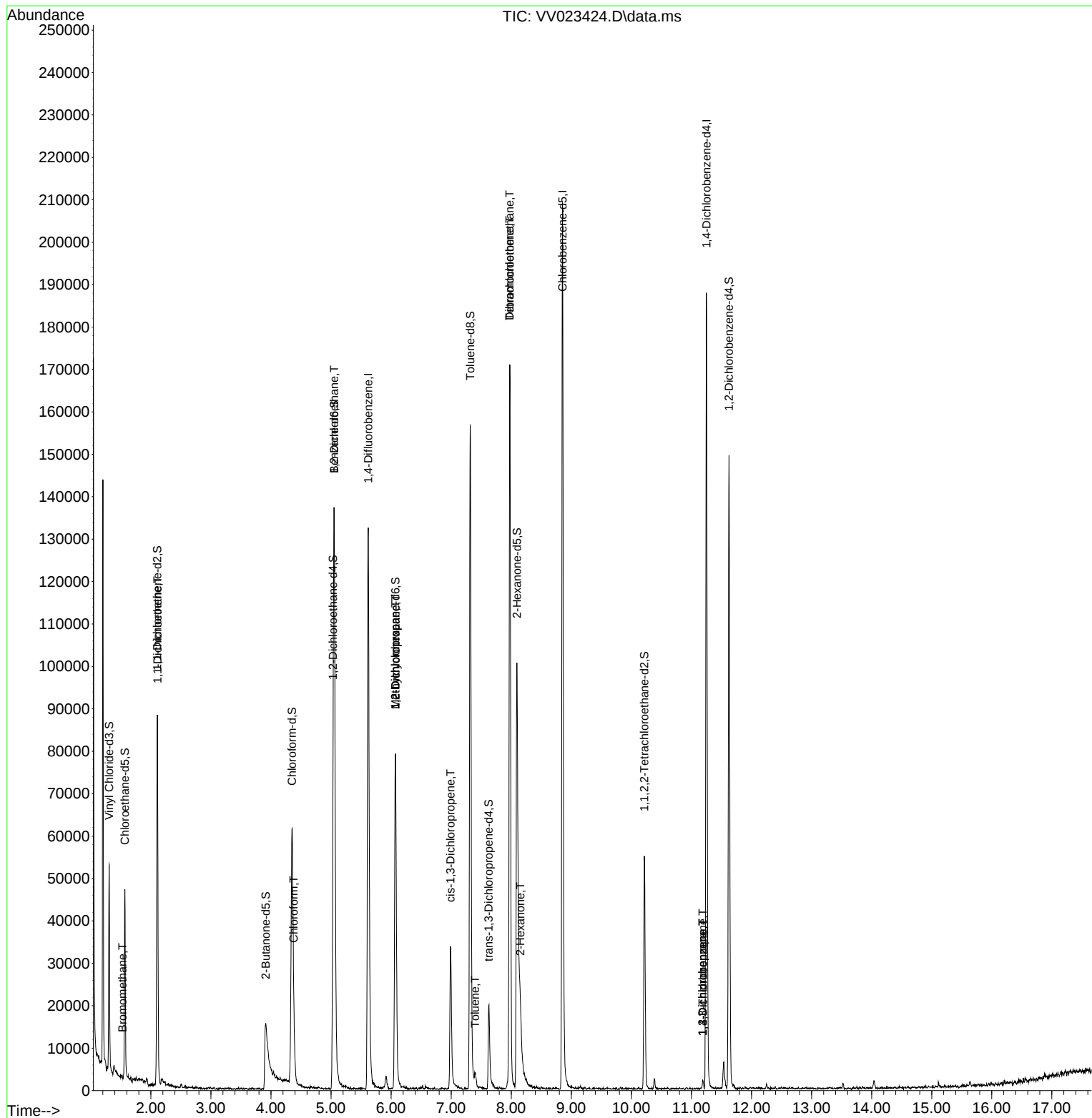
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30033	4.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	26415	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.108	63	45419	3.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.912	46	37739	29.654	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.300%
24) Chloroform-d	4.349	84	62420	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.034	65	30460	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.053	84	124512	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.072	67	38680	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.317	98	106269	3.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.625	79	11710	3.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.095	63	42588	33.555	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25779	3.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	39397	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
6) Bromomethane	1.529	94	273	0.044	ug/L	77
12) 1,1-Dichloroethene	2.111	96	445	0.063	ug/L #	1
25) Chloroform	4.378	83	6089	0.391	ug/L	94
27) 1,2-Dichloroethane	5.053	62	751	0.091	ug/L #	72
35) Methylcyclohexane	6.072	83	9712	0.687	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4419	0.562	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1021	0.090	ug/L #	78
42) Toluene	7.400	91	2297	0.064	ug/L	93
47) Tetrachloroethene	7.976	164	38819	5.003	ug/L	98
48) 2-Hexanone	8.153	43	4607	1.804	ug/L #	82
49) Dibromochloromethane	7.976	129	32755	4.578	ug/L #	10
61) 1,2,3-Trichloropropane	11.188	75	289	0.086	ug/L #	38
64) 1,3-Dichlorobenzene	11.188	146	1141	0.077	ug/L	95
65) 1,4-Dichlorobenzene	11.188	146	1141	0.075	ug/L	97

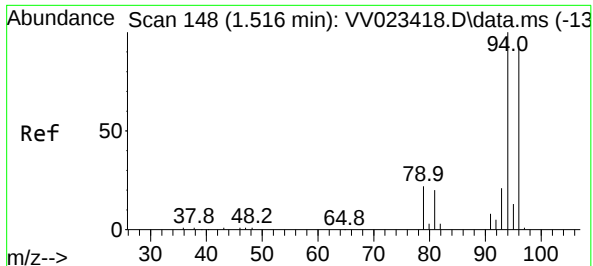
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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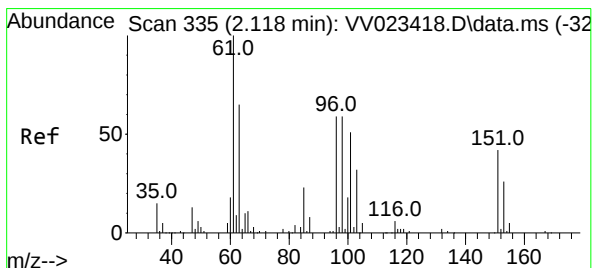
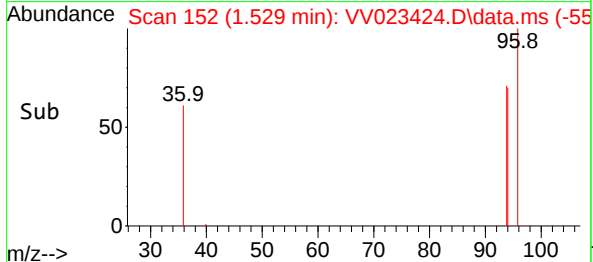
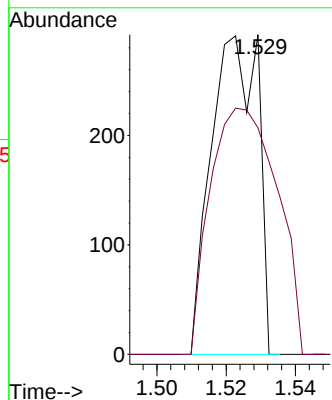
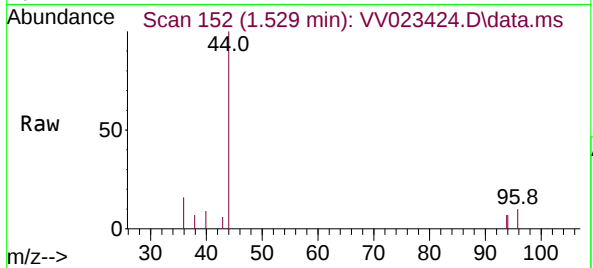




#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023424.D
Acq: 12 Nov 2021 06:59

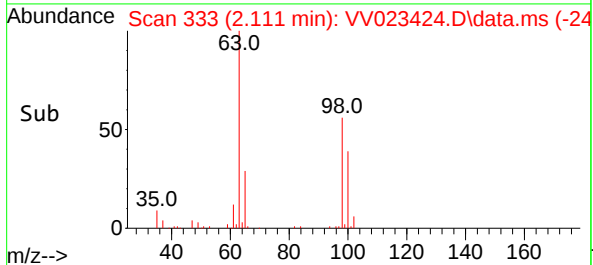
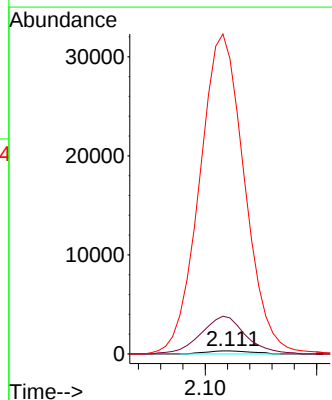
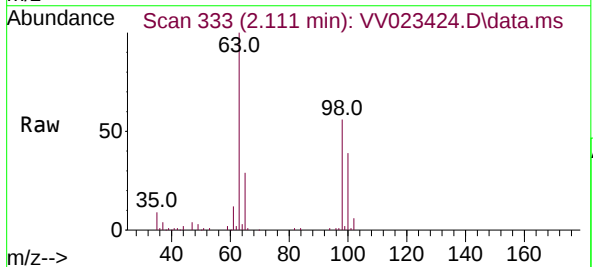
Instrument :
MSVOA_V
ClientSampleId :

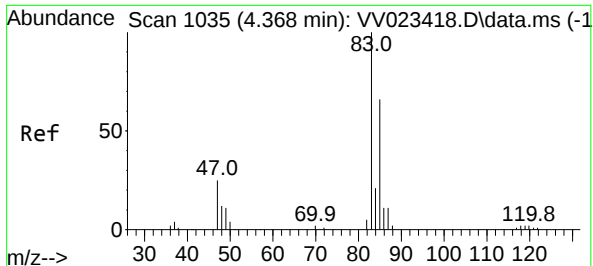
Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 70.9 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023424.D
Acq: 12 Nov 2021 06:59

Tgt Ion: 96 Resp: 445
Ion Ratio Lower Upper
96 100
61 1155.1 121.5 225.7#
63 9490.4 99.6 185.0#





#25

Chloroform

Concen: 0.391 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV023424.D

Acq: 12 Nov 2021 06:59

Instrument :

MSVOA_V

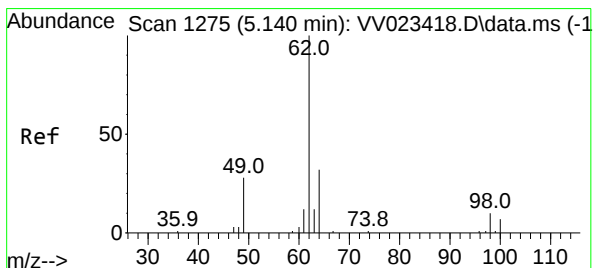
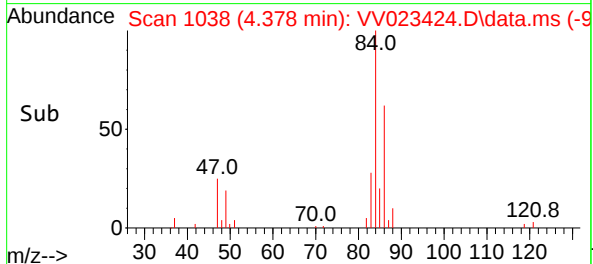
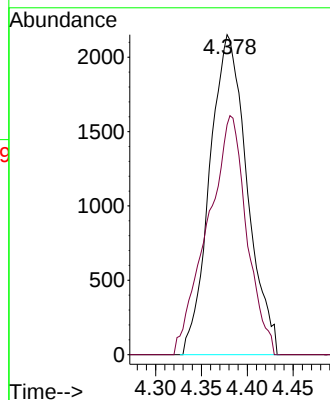
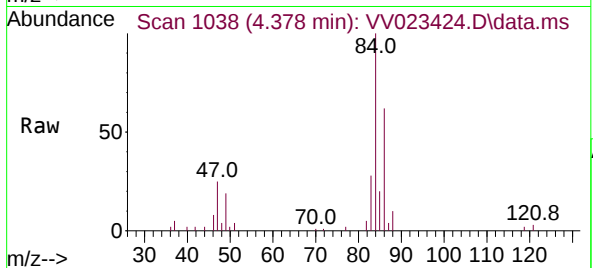
ClientSampleId :

Tgt Ion: 83 Resp: 6089

Ion Ratio Lower Upper

83 100

85 71.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.087 min

Lab File: VV023424.D

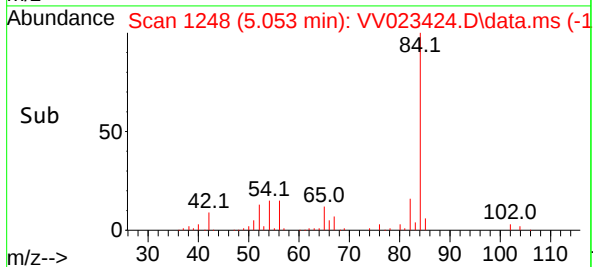
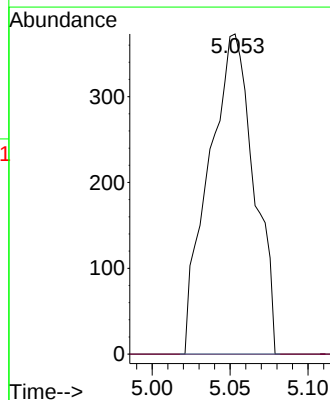
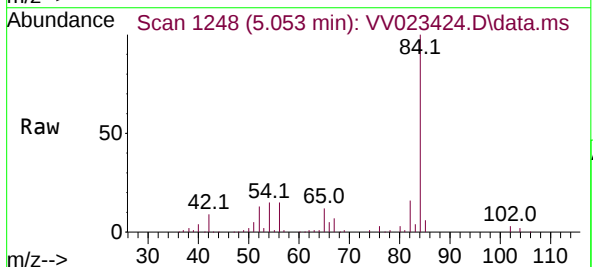
Acq: 12 Nov 2021 06:59

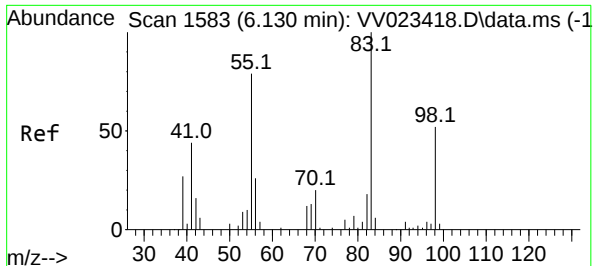
Tgt Ion: 62 Resp: 751

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023424.D

Acq: 12 Nov 2021 06:59

Instrument :

MSVOA_V

ClientSampleId :

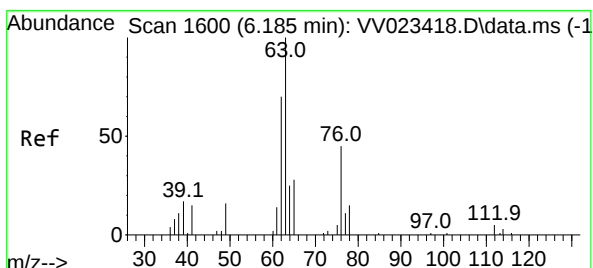
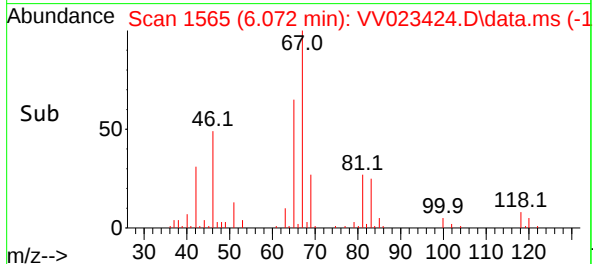
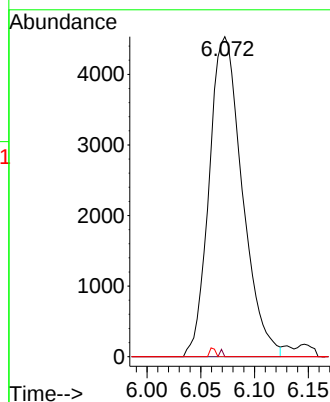
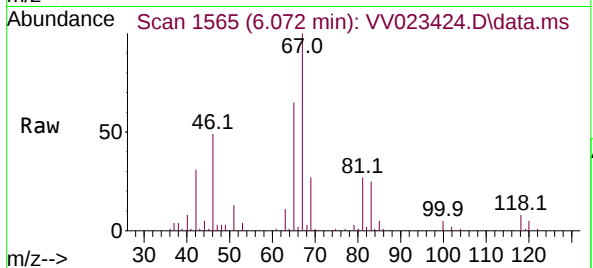
Tgt Ion: 83 Resp: 9712

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 0.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.562 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.113 min

Lab File: VV023424.D

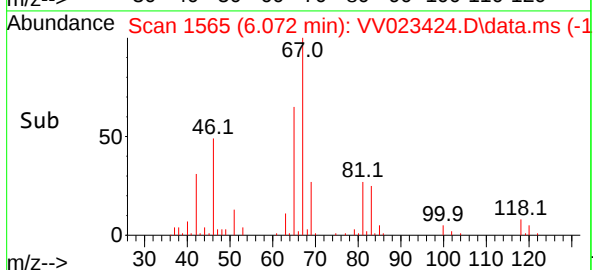
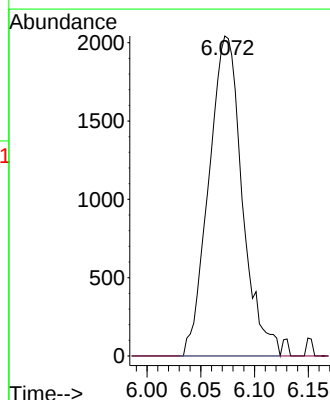
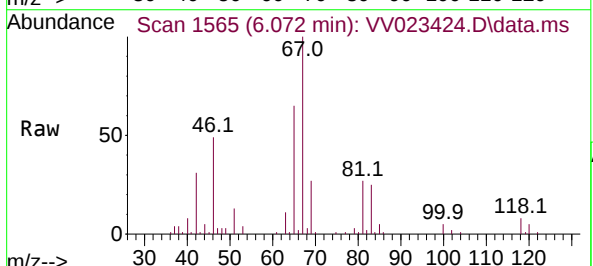
Acq: 12 Nov 2021 06:59

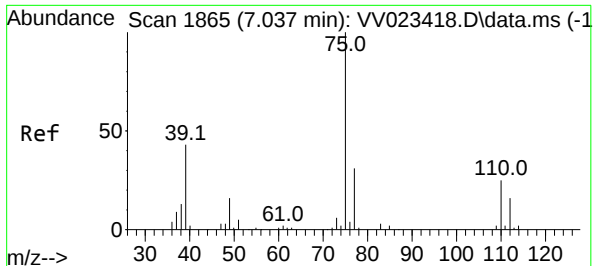
Tgt Ion: 63 Resp: 4419

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.048 min

Lab File: VV023424.D

Acq: 12 Nov 2021 06:59

Instrument :

MSVOA_V

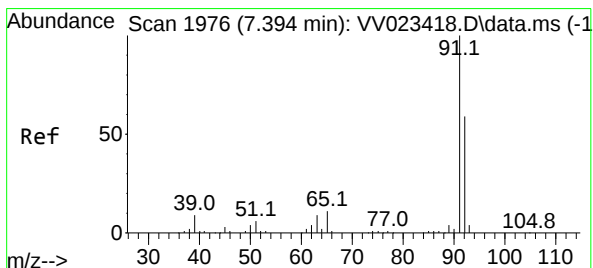
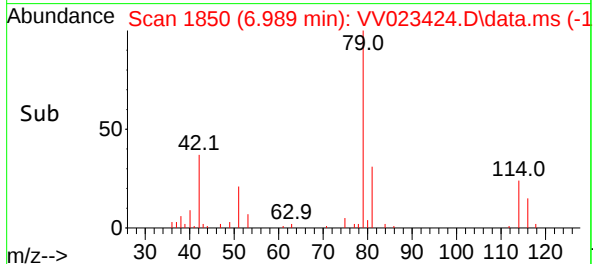
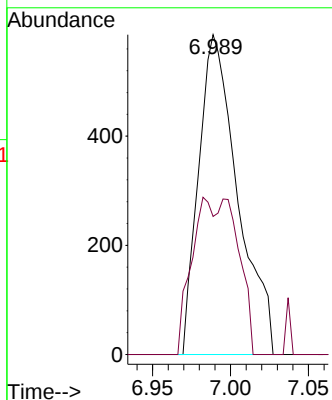
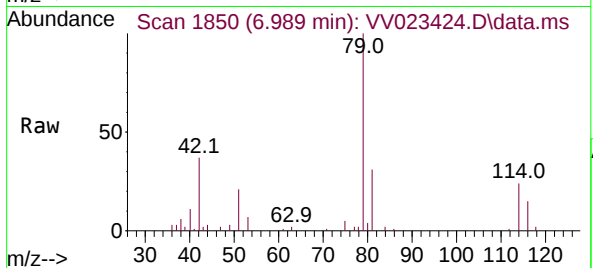
ClientSampleId :

Tgt Ion: 75 Resp: 1021

Ion Ratio Lower Upper

75 100

77 43.2 21.6 40.2#



#42

Toluene

Concen: 0.064 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.006 min

Lab File: VV023424.D

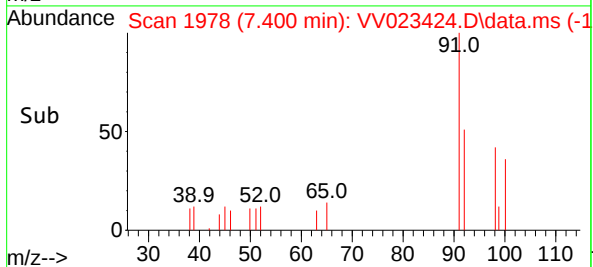
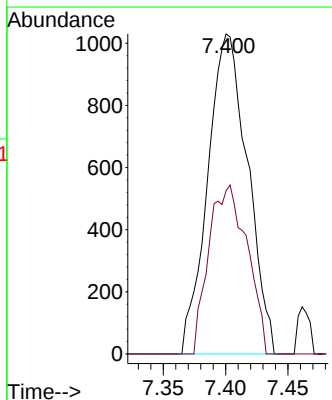
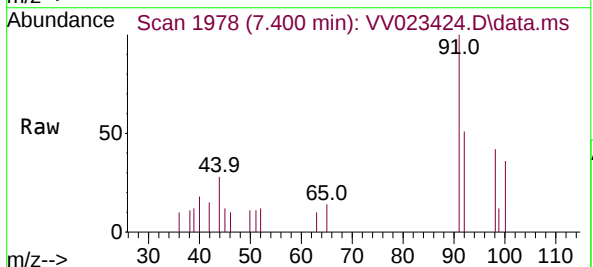
Acq: 12 Nov 2021 06:59

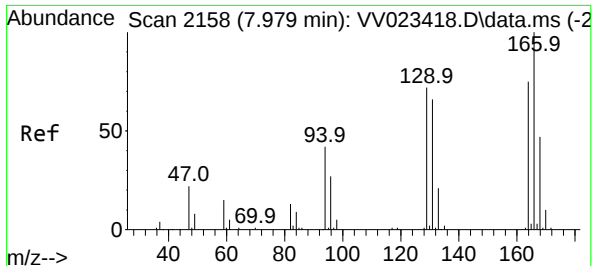
Tgt Ion: 91 Resp: 2297

Ion Ratio Lower Upper

91 100

92 51.0 39.3 72.9





#47

Tetrachloroethene

Concen: 5.003 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

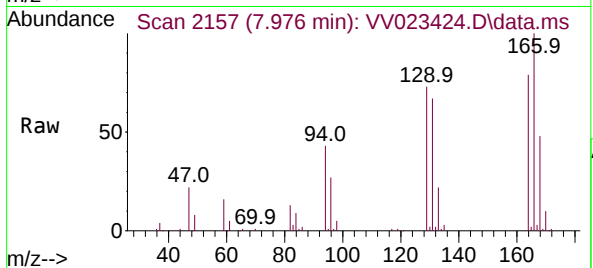
Lab File: VV023424.D

Acq: 12 Nov 2021 06:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 38819

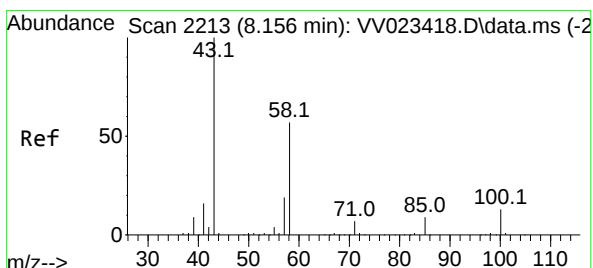
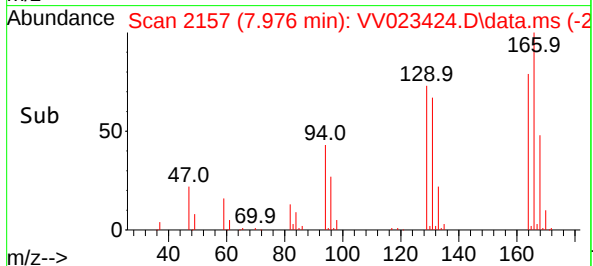
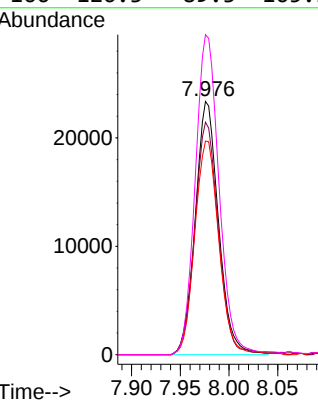
Ion Ratio Lower Upper

164 100

129 91.8 64.0 119.0

131 84.4 63.4 117.8

166 126.3 89.3 165.9



#48

2-Hexanone

Concen: 1.804 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. -0.003 min

Lab File: VV023424.D

Acq: 12 Nov 2021 06:59

Tgt Ion: 43 Resp: 4607

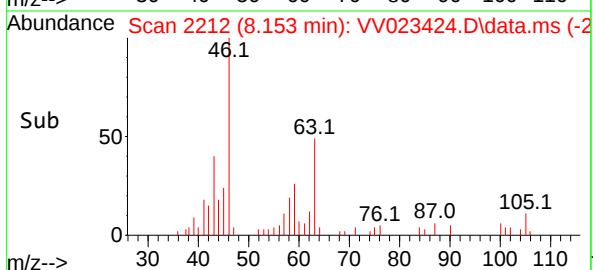
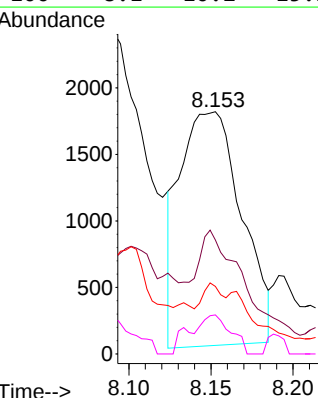
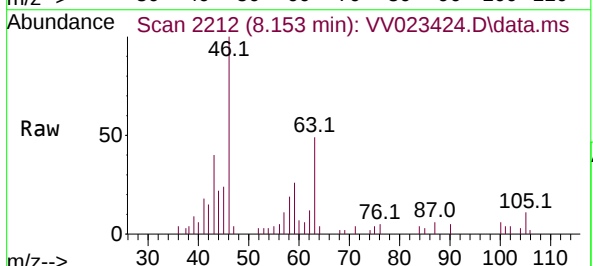
Ion Ratio Lower Upper

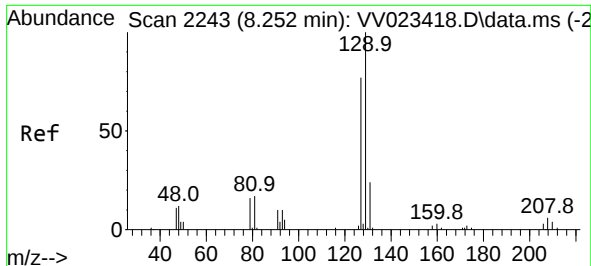
43 100

58 44.0 43.7 65.5

57 3.1 14.1 21.1#

100 8.1 10.2 15.2#





#49

Dibromochloromethane

Concen: 4.578 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.276 min

Lab File: VV023424.D

Acq: 12 Nov 2021 06:59

Instrument :

MSVOA_V

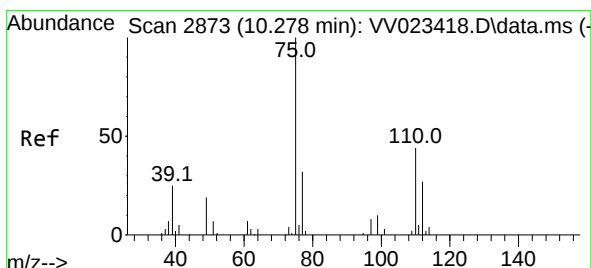
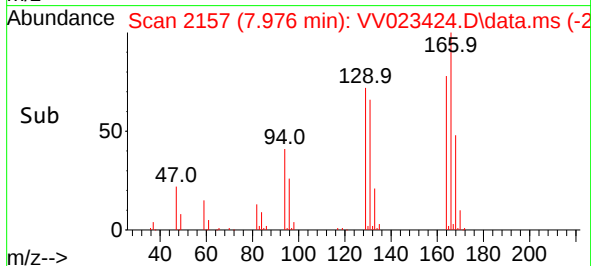
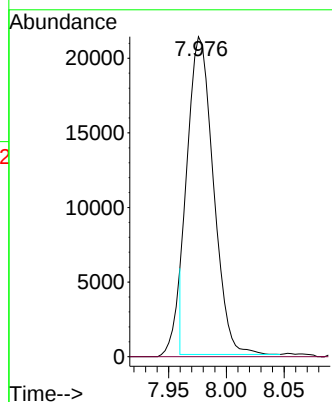
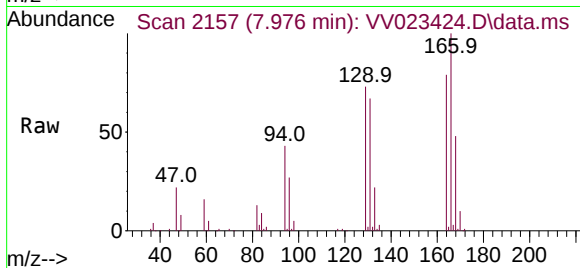
ClientSampleId :

Tgt Ion:129 Resp: 32755

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.086 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.910 min

Lab File: VV023424.D

Acq: 12 Nov 2021 06:59

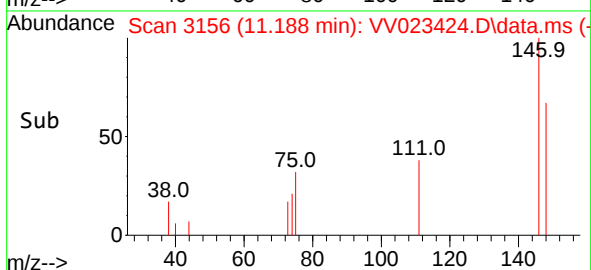
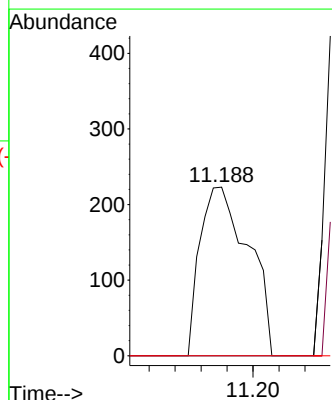
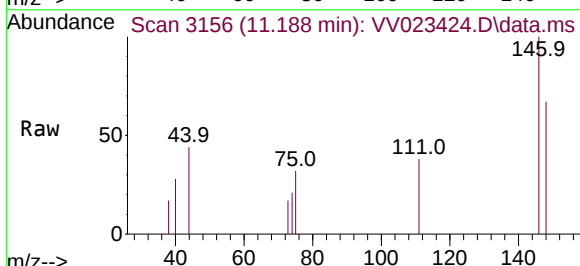
Tgt Ion: 75 Resp: 289

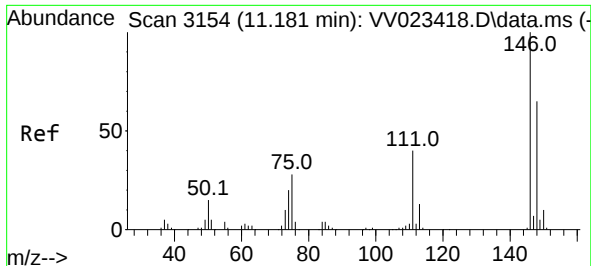
Ion Ratio Lower Upper

75 100

77 0.0 26.6 39.8#

110 0.0 31.8 47.6#

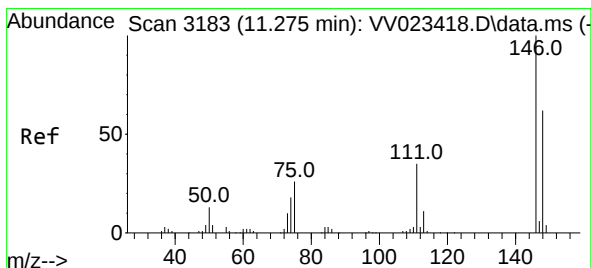
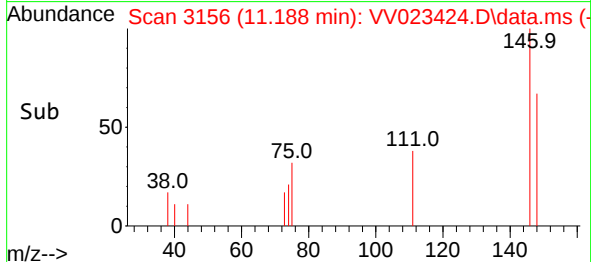
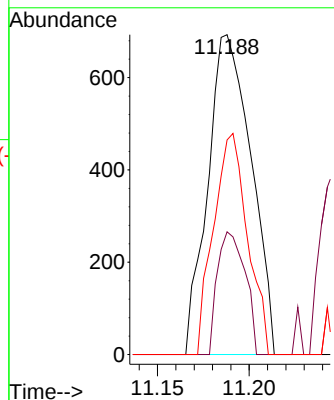
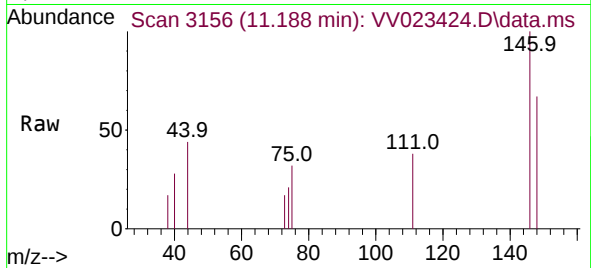




#64
1,3-Dichlorobenzene
Concen: 0.077 ug/L
RT: 11.188 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VV023424.D
Acq: 12 Nov 2021 06:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1141
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 67.1 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 0.075 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.087 min
Lab File: VV023424.D
Acq: 12 Nov 2021 06:59

Tgt Ion:146 Resp: 1141
Ion Ratio Lower Upper
146 100
111 38.4 26.2 48.8
148 67.1 44.4 82.5

