

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032222\
 Data File : VW025121.D
 Acq On : 22 Mar 2022 12:29
 Operator : SY/MD
 Sample : N2044-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY29

Quant Time: Mar 23 01:08:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 23 01:08:13 2022
 Response via : Initial Calibration

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

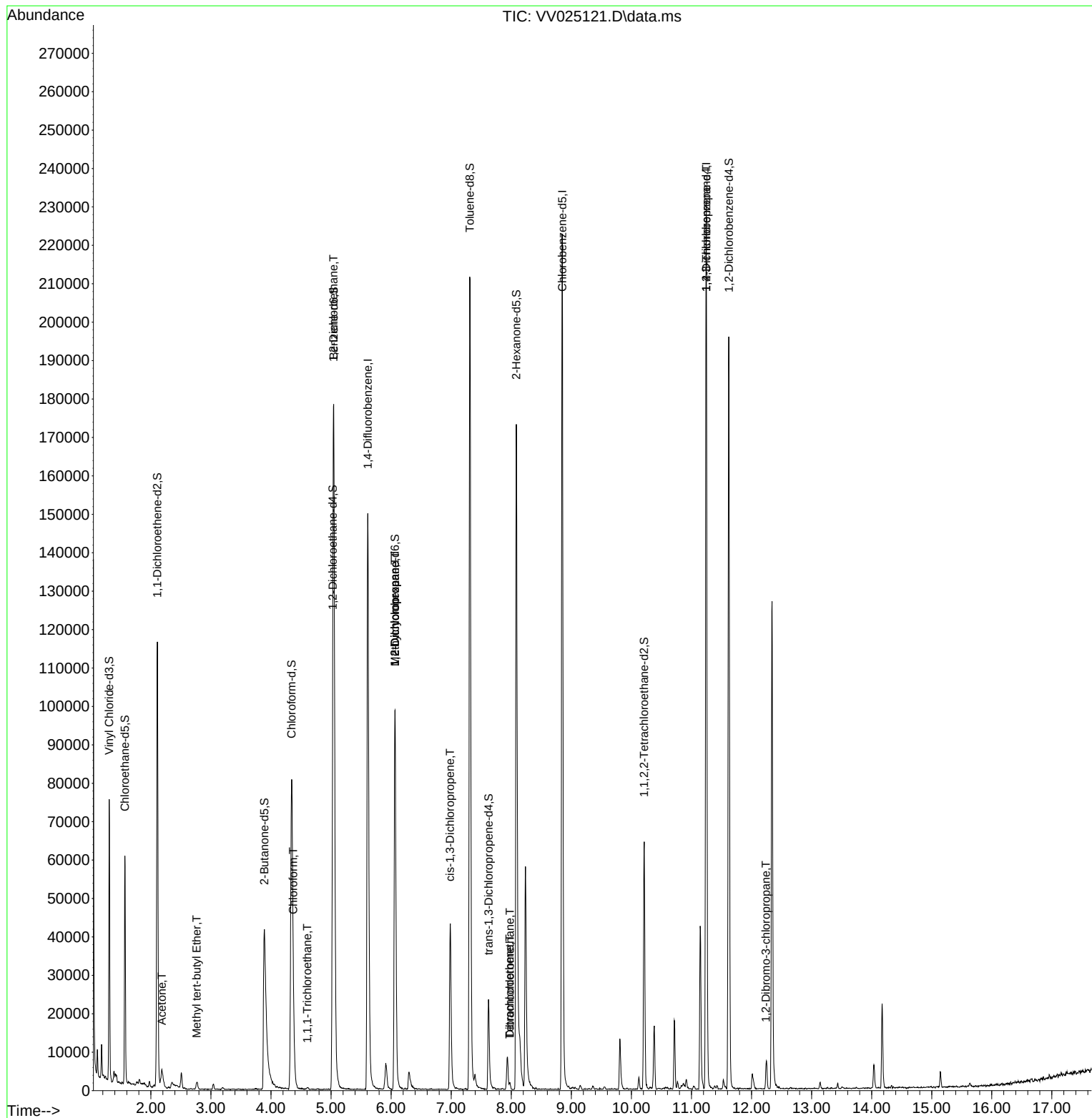
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	139288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45315	4.121	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.568	69	38278	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	59442	3.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.889	46	82132	61.801	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.600%
24) Chloroform-d	4.343	84	85385	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.027	65	37391	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.043	84	173889	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.063	67	52012	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.310	98	148515	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.622	79	16135	4.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.085	63	66345	51.943	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31863	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	49548	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
13) Acetone	2.182	43	8383	9.432	ug/L	74
17) Methyl tert-butyl Ether	2.764	73	2175	0.113	ug/L	95
25) Chloroform	4.371	83	13707	0.724	ug/L	95
27) 1,2-Dichloroethane	5.040	62	810	0.086	ug/L #	71
29) 1,1,1-Trichloroethane	4.603	97	524	0.032	ug/L #	51
35) Methylcyclohexane	6.063	83	12231	0.693	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	5580	0.580	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	950	0.071	ug/L #	71
47) Tetrachloroethene	7.973	164	385	0.049	ug/L #	78
49) Dibromochloromethane	7.979	129	441	0.061	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	7552	1.490	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.239	75	135	0.155	ug/L #	1

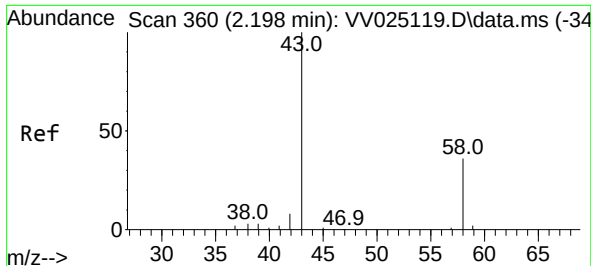
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.432 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.016 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

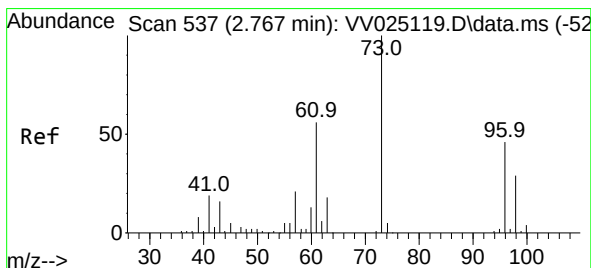
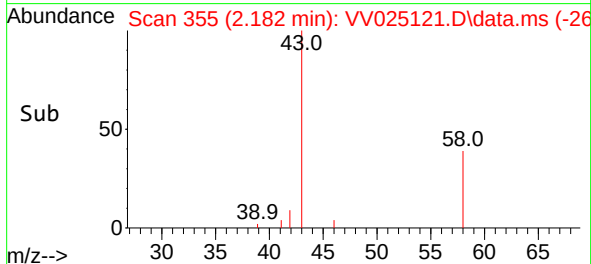
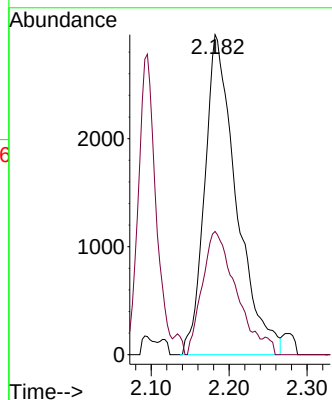
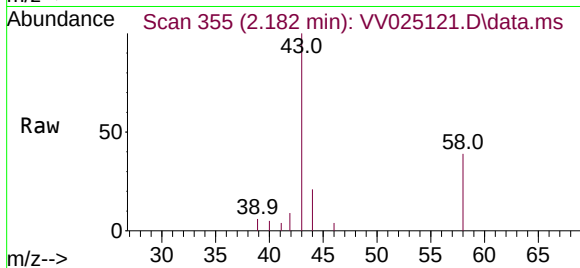
BFY29

Tgt Ion: 43 Resp: 8383

Ion Ratio Lower Upper

43 100

58 40.3 0.0 54.2



#17

Methyl tert-butyl Ether

Concen: 0.113 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.003 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

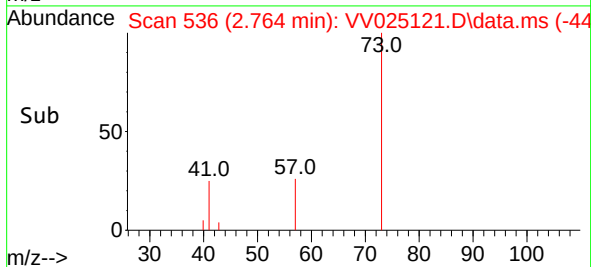
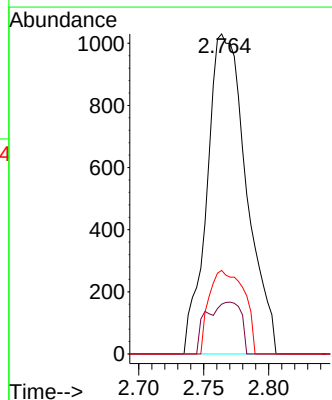
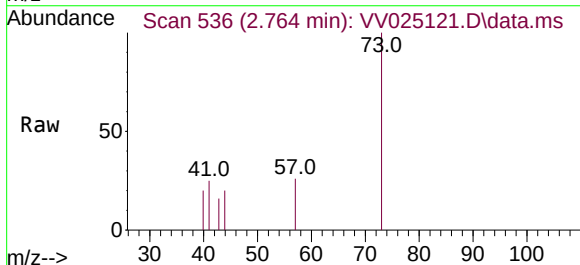
Tgt Ion: 73 Resp: 2175

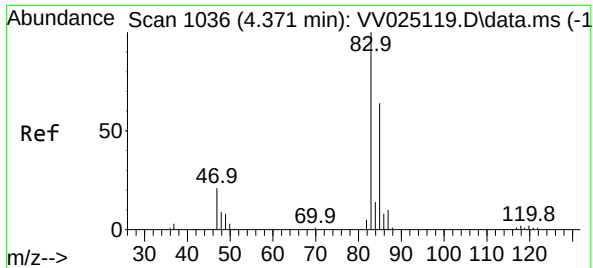
Ion Ratio Lower Upper

73 100

43 14.0 13.2 19.8

57 23.0 16.7 25.1





#25

Chloroform

Concen: 0.724 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

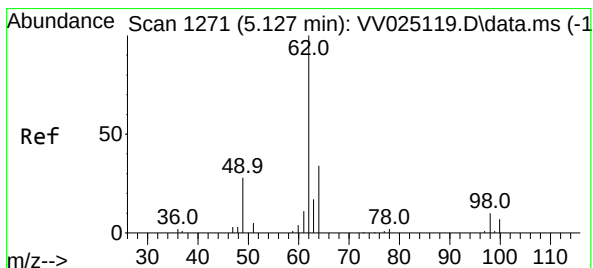
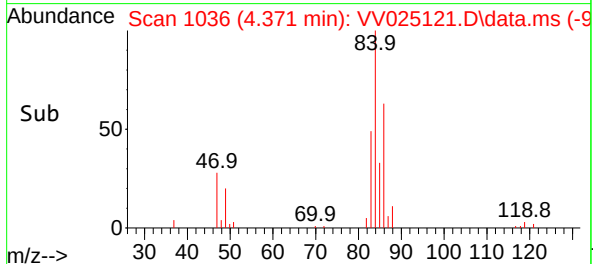
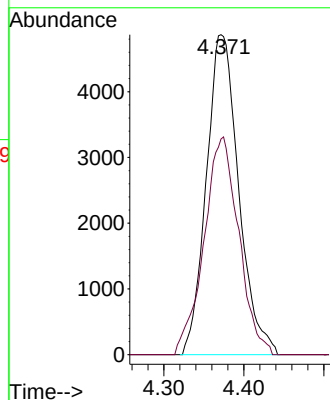
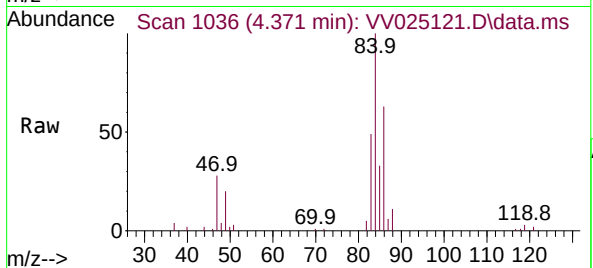
BFY29

Tgt Ion: 83 Resp: 13707

Ion Ratio Lower Upper

83 100

85 67.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.087 min

Lab File: VV025121.D

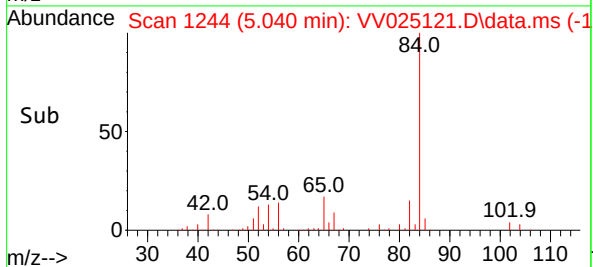
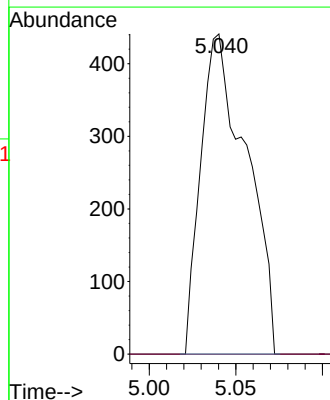
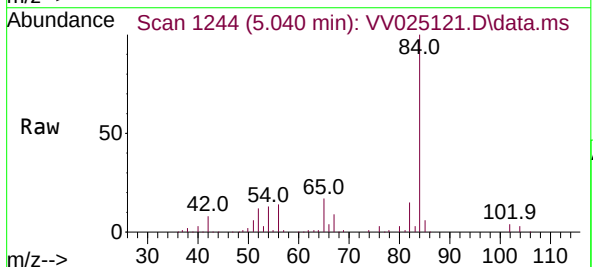
Acq: 22 Mar 2022 12:29

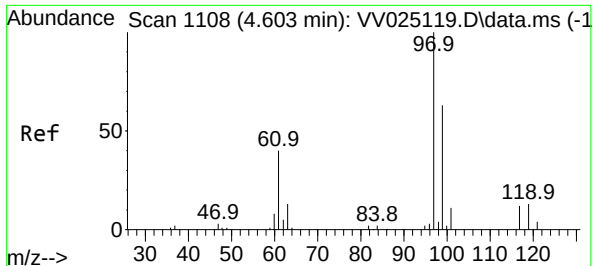
Tgt Ion: 62 Resp: 810

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#29

1,1,1-Trichloroethane

Concen: 0.032 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

BFY29

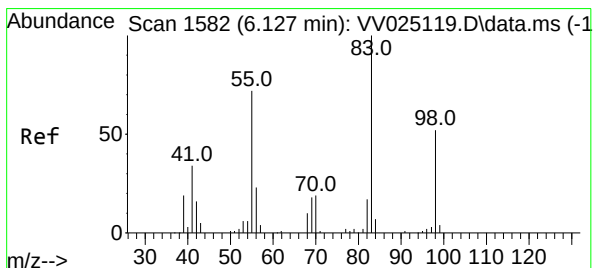
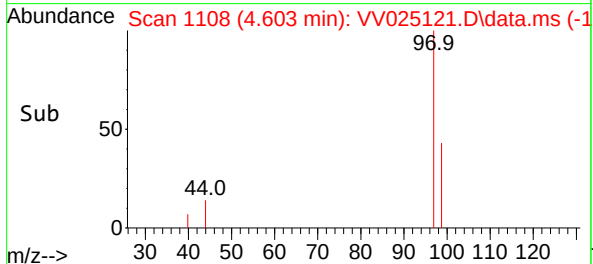
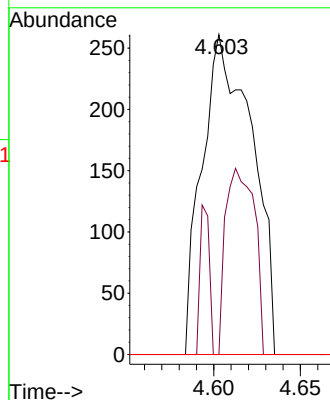
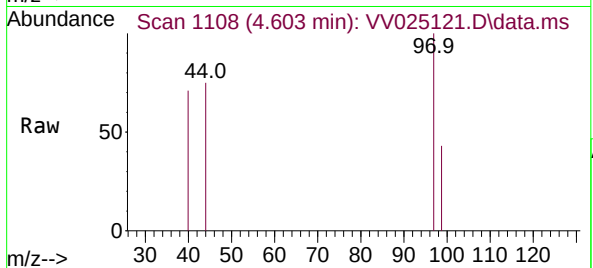
Tgt Ion: 97 Resp: 524

Ion Ratio Lower Upper

97 100

99 33.6 50.7 76.1#

61 0.0 32.4 48.6#



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

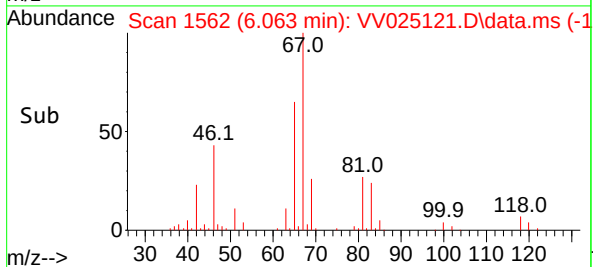
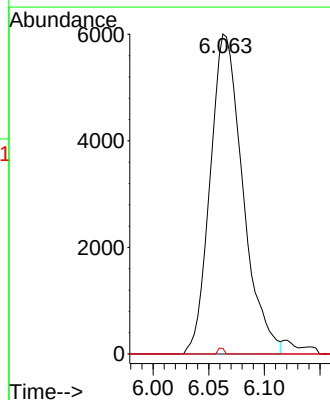
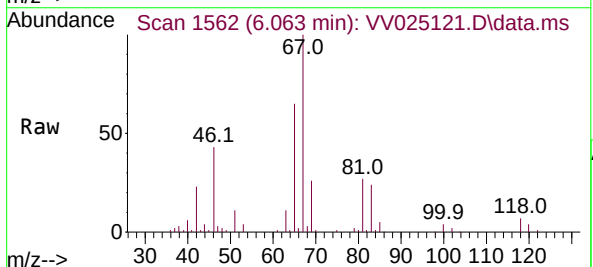
Tgt Ion: 83 Resp: 12231

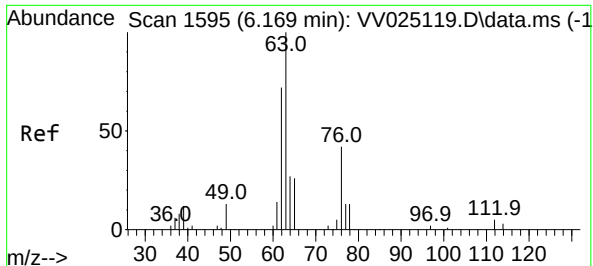
Ion Ratio Lower Upper

83 100

55 0.8 55.4 83.0#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

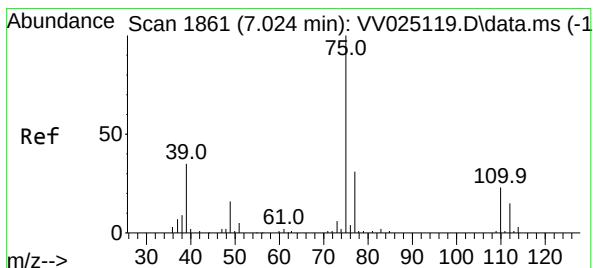
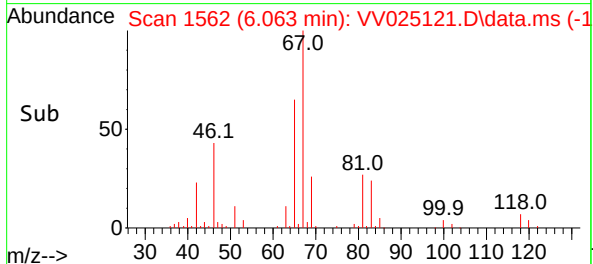
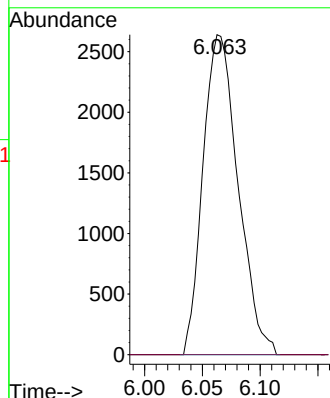
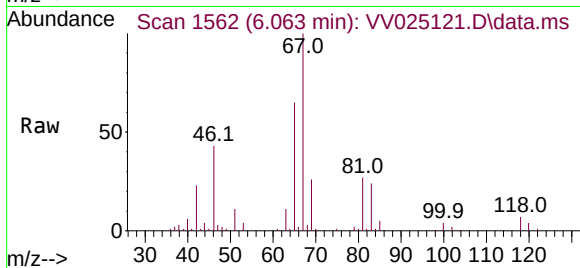
BFY29

Tgt Ion: 63 Resp: 5580

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV025121.D

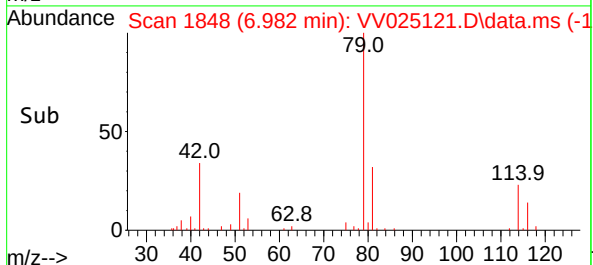
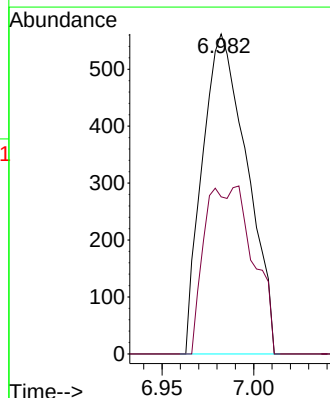
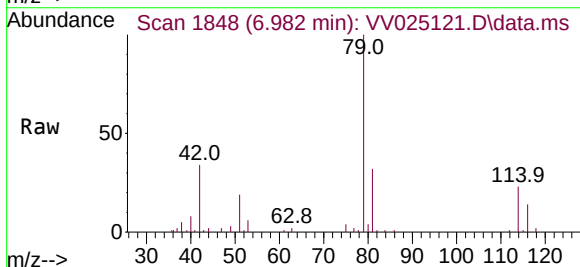
Acq: 22 Mar 2022 12:29

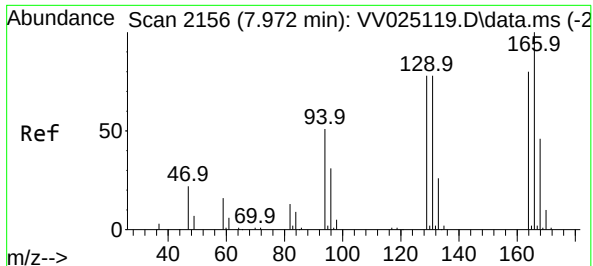
Tgt Ion: 75 Resp: 950

Ion Ratio Lower Upper

75 100

77 49.1 23.0 42.8#





#47

Tetrachloroethene

Concen: 0.049 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_V

ClientSampleId :

BFY29

Tgt Ion:164 Resp: 385

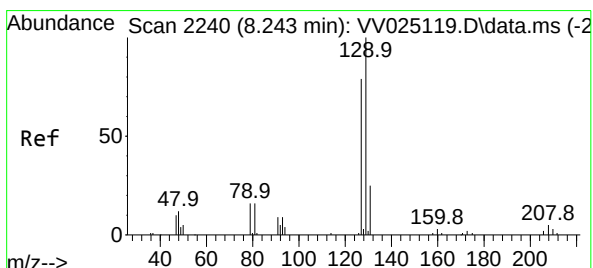
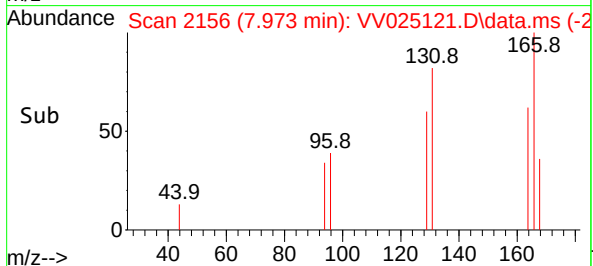
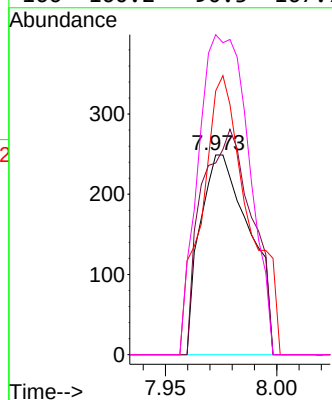
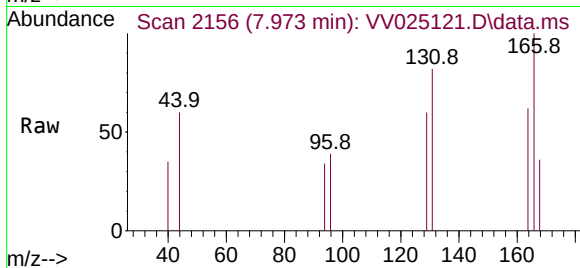
Ion Ratio Lower Upper

164 100

129 96.0 70.3 130.7

131 132.1 69.4 129.0#

166 160.2 90.3 167.7



#49

Dibromochloromethane

Concen: 0.061 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025121.D

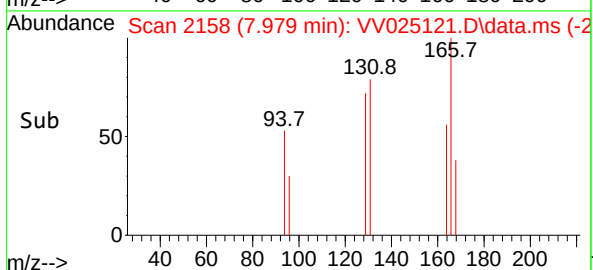
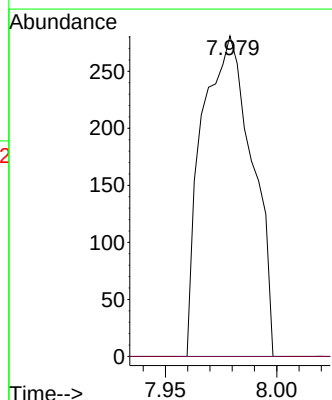
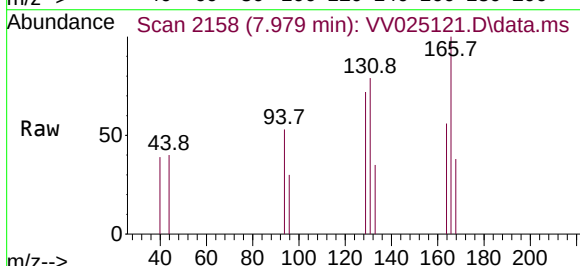
Acq: 22 Mar 2022 12:29

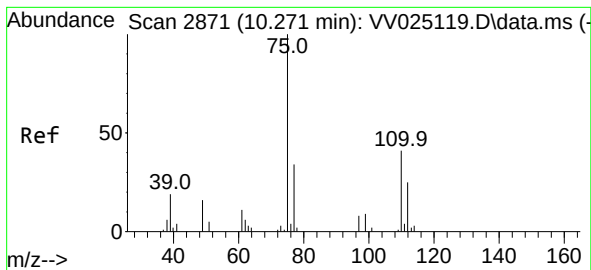
Tgt Ion:129 Resp: 441

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#





#61

1,2,3-Trichloropropane

Concen: 1.490 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

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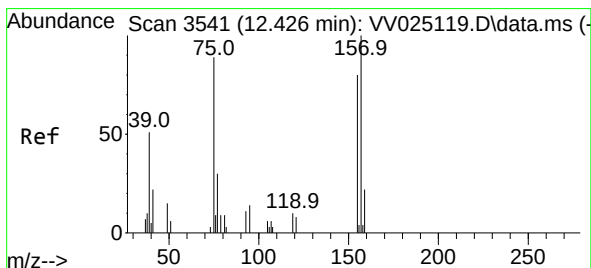
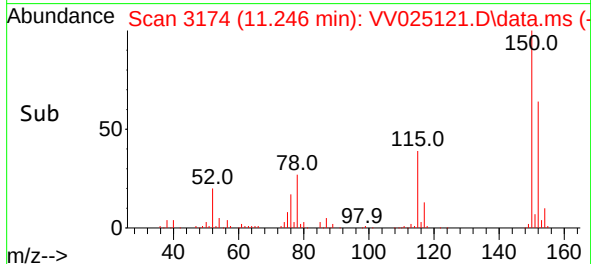
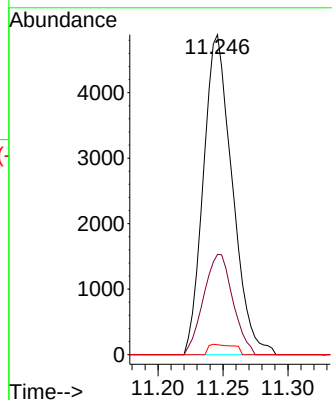
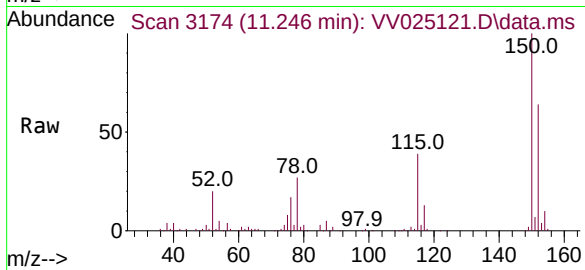
Tgt Ion: 75 Resp: 7552

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

110 2.9 31.2 46.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.155 ug/L

RT: 12.239 min Scan# 3483

Delta R.T. -0.186 min

Lab File: VV025121.D

Acq: 22 Mar 2022 12:29

Tgt Ion: 75 Resp: 135

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

