

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025050.D
 Acq On : 16 Mar 2022 16:13
 Operator : SY/MD
 Sample : N1933-20RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

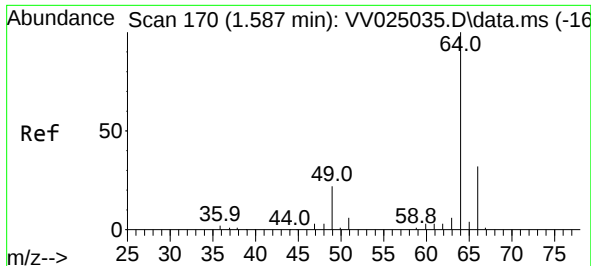
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:04:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154523	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50523	4.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.571	69	40640	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.111	63	65051	3.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.896	46	89087	60.425	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.860%
24) Chloroform-d	4.352	84	94895	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.034	65	41188	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.053	84	194612	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.069	67	57774	4.755	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.317	98	162285	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.625	79	17895	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	66552	46.066	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33929	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	52705	4.969	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.310	64	669	0.081	ug/L #	1
13) Acetone	2.185	43	27809	28.203	ug/L	83
15) Methyl Acetate	2.185	43	26321	9.743	ug/L #	44
25) Chloroform	4.378	83	2821	0.134	ug/L	93
27) 1,2-Dichloroethane	5.050	62	846	0.081	ug/L #	71
30) Cyclohexane	4.680	56	1068	0.059	ug/L #	81
31) Carbon tetrachloride	4.831	117	48595	3.049	ug/L	100
35) Methylcyclohexane	6.069	83	13647	0.683	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6122	0.562	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1309	0.087	ug/L #	54
49) Dibromochloromethane	7.989	129	297	0.036	ug/L #	10
61) 1,2,3-Trichloropropane	10.011	75	1302	0.247	ug/L #	39

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



#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.277 min

Lab File: VV025050.D

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Instrument :

MSVOA_V

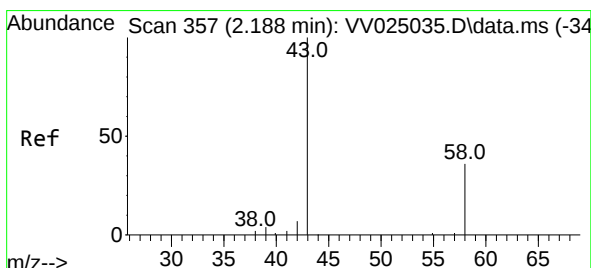
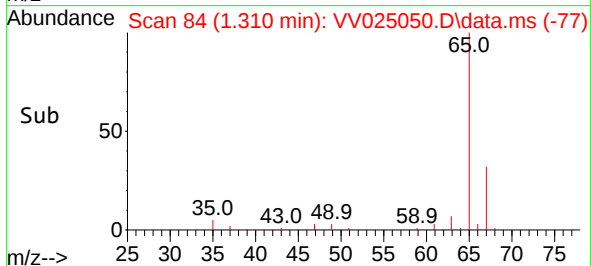
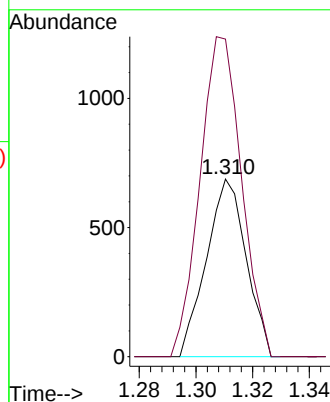
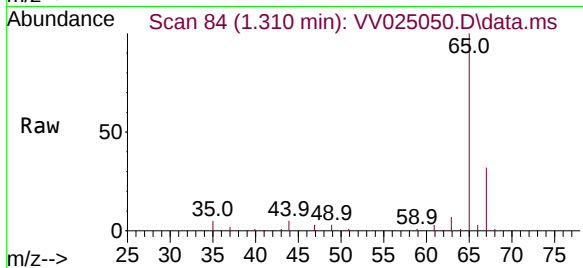
ClientSampleId :

Tgt Ion: 64 Resp: 669

Ion Ratio Lower Upper

64 100

66 178.8 22.5 41.7#



#13

Acetone

Concen: 28.203 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.003 min

Lab File: VV025050.D

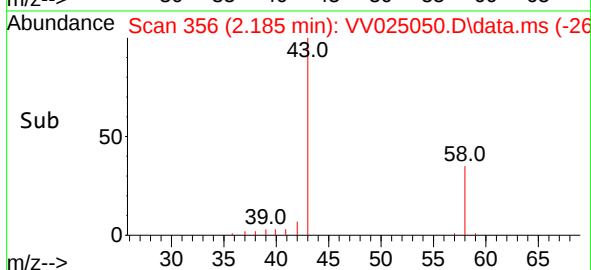
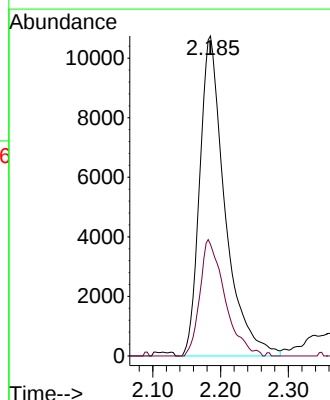
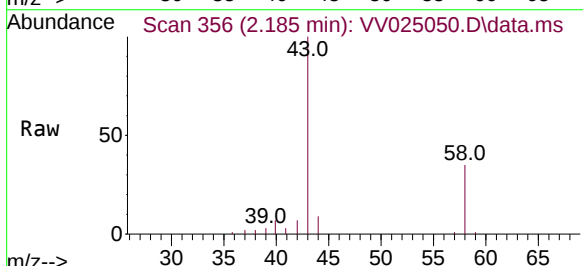
Acq: 16 Mar 2022 16:13

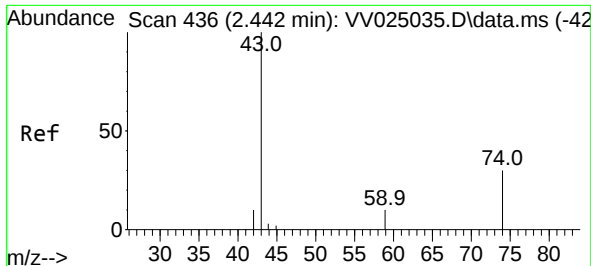
Tgt Ion: 43 Resp: 27809

Ion Ratio Lower Upper

43 100

58 35.8 0.0 54.2

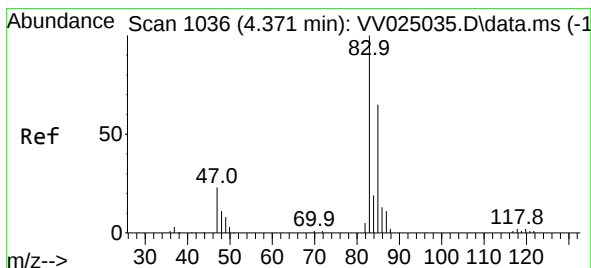
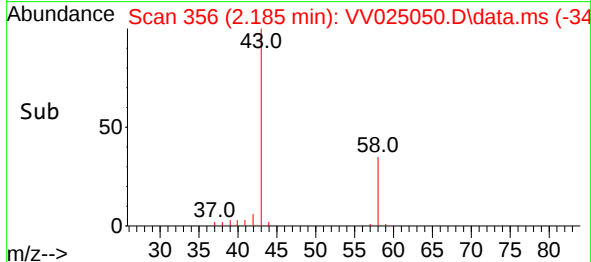
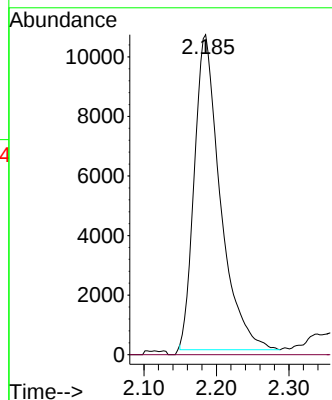
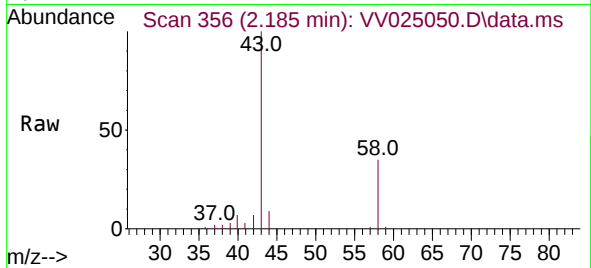




#15
Methyl Acetate
Concen: 9.743 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV025050.D
Acq: 16 Mar 2022 16:13

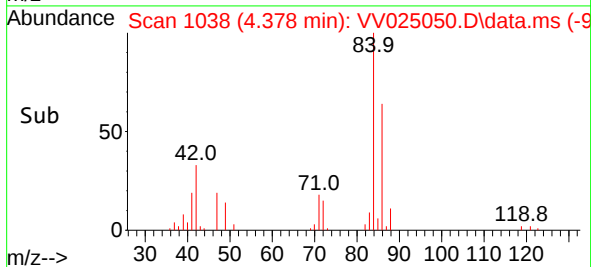
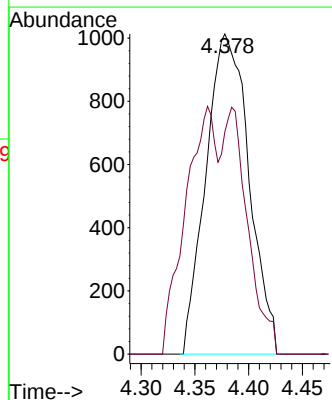
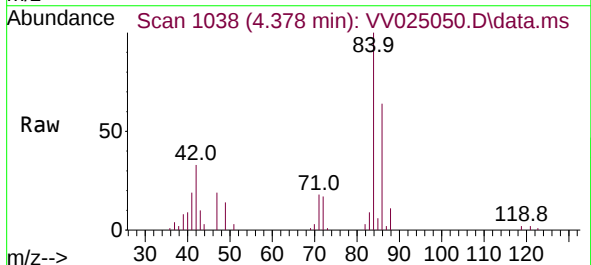
Instrument :
MSVOA_V
ClientSampleId :

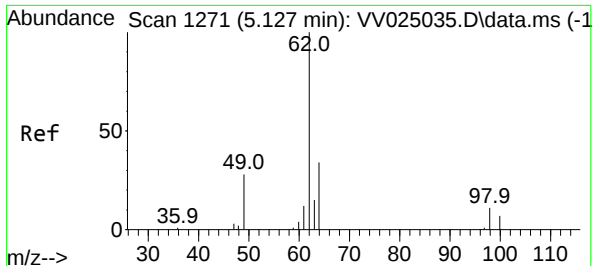
Tgt Ion: 43 Resp: 26321
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#25
Chloroform
Concen: 0.134 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025050.D
Acq: 16 Mar 2022 16:13

Tgt Ion: 83 Resp: 2821
Ion Ratio Lower Upper
83 100
85 69.4 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.081 ug/L

RT: 5.050 min Scan# 1127

Delta R.T. -0.077 min

Lab File: VV025050.D

Acq: 16 Mar 2022 16:13

Instrument :

MSVOA_V

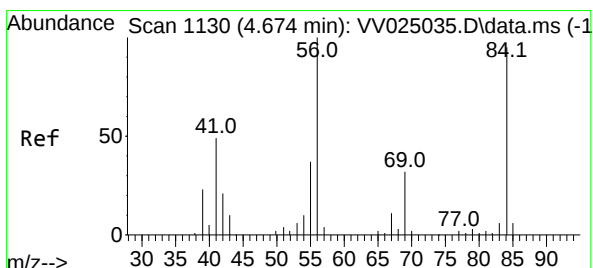
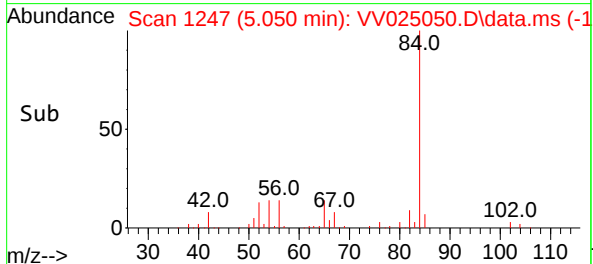
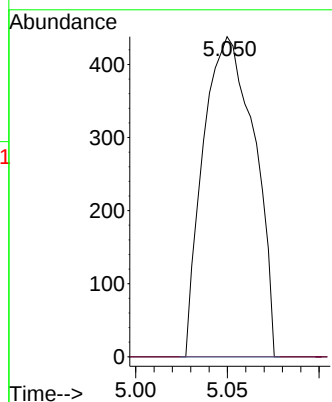
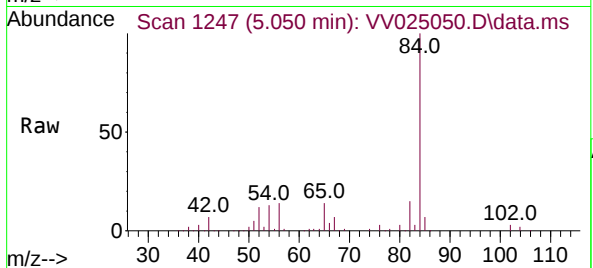
ClientSampleId :

Tgt Ion: 62 Resp: 846

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#30

Cyclohexane

Concen: 0.059 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV025050.D

Acq: 16 Mar 2022 16:13

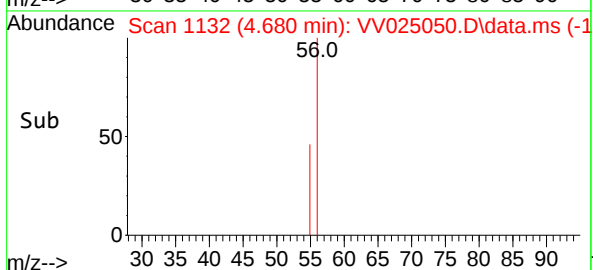
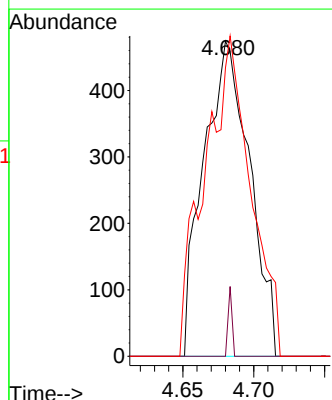
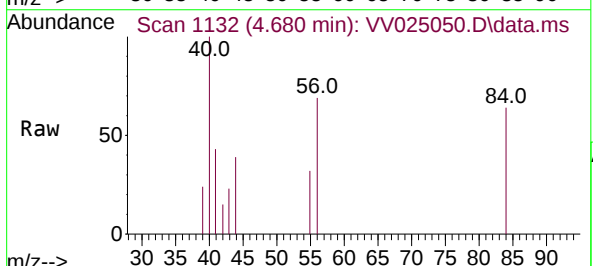
Tgt Ion: 56 Resp: 1068

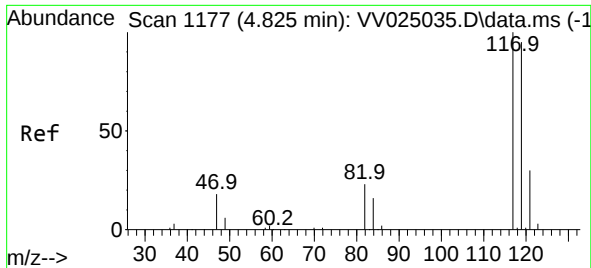
Ion Ratio Lower Upper

56 100

69 1.9 24.9 37.3#

84 101.9 75.9 113.9

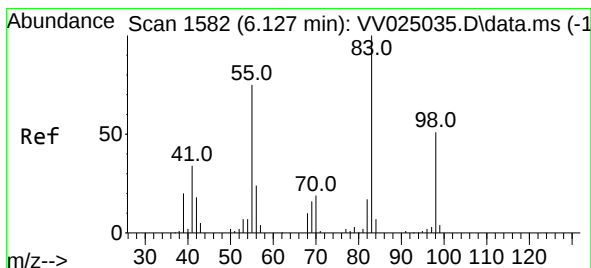
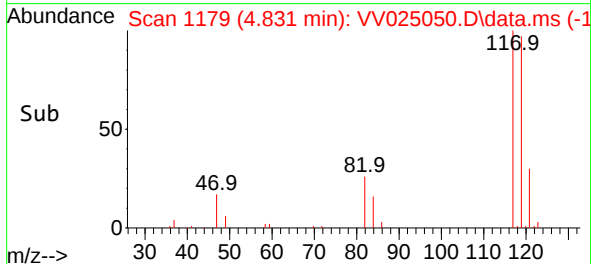
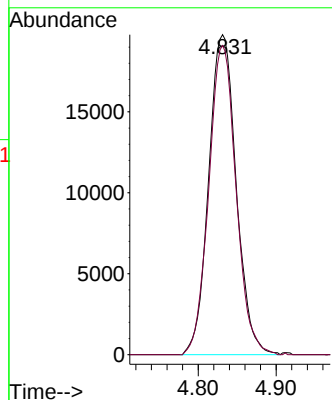
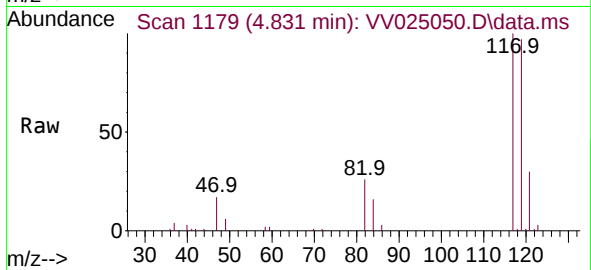




#31
Carbon tetrachloride
Concen: 3.049 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025050.D
Acq: 16 Mar 2022 16:13

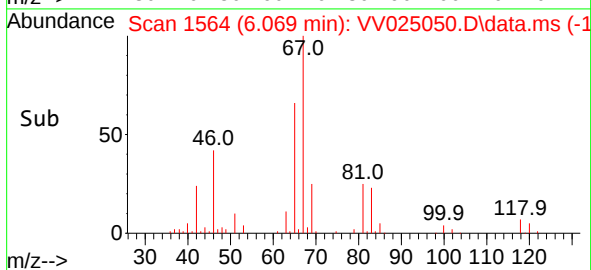
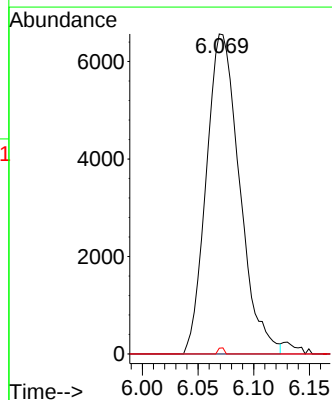
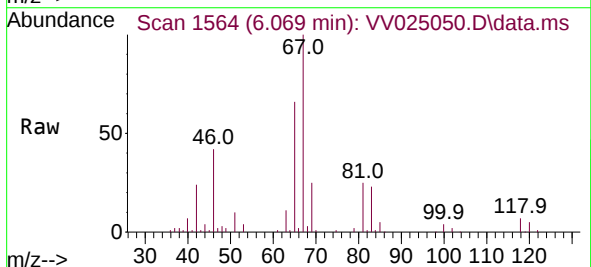
Instrument :
MSVOA_V
ClientSampleId :

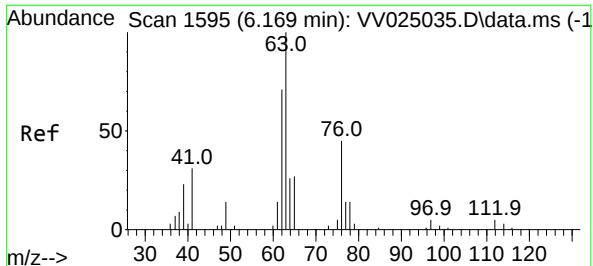
Tgt Ion:117 Resp: 48595
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2



#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025050.D
Acq: 16 Mar 2022 16:13

Tgt Ion: 83 Resp: 13647
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.562 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025050.D

Acq: 16 Mar 2022 16:13

Instrument :

MSVOA_V

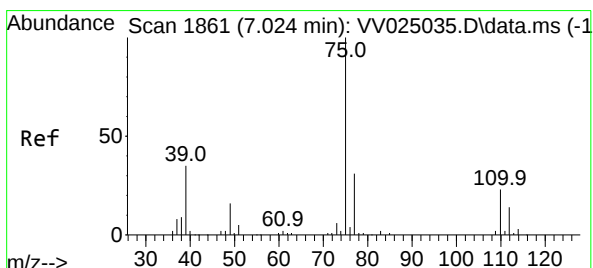
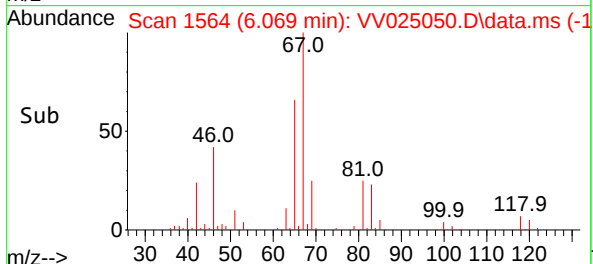
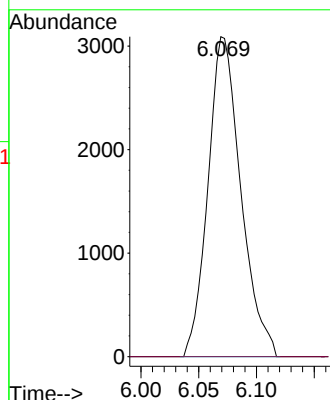
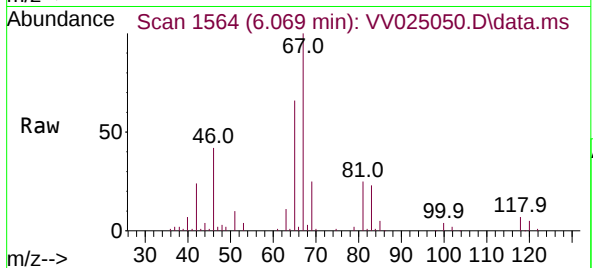
ClientSampleId :

Tgt Ion: 63 Resp: 6122

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025050.D

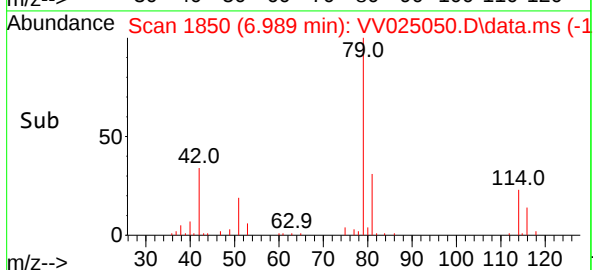
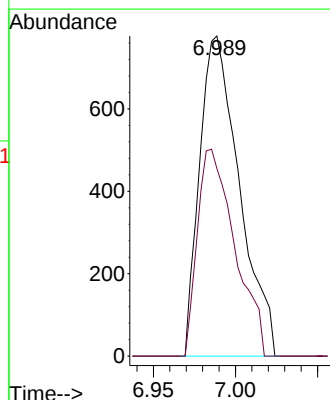
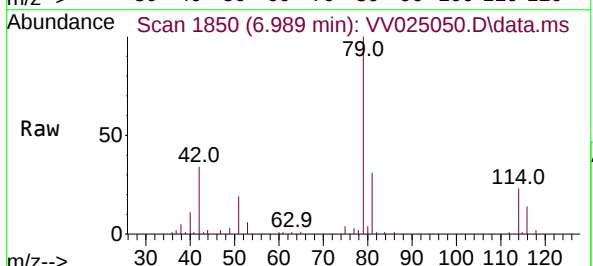
Acq: 16 Mar 2022 16:13

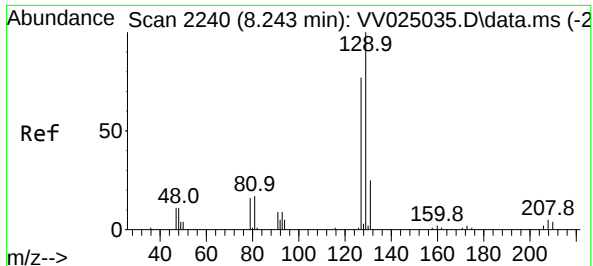
Tgt Ion: 75 Resp: 1309

Ion Ratio Lower Upper

75 100

77 58.7 23.0 42.8#





#49

Dibromochloromethane

Concen: 0.036 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.254 min

Lab File: VV025050.D

Acq: 16 Mar 2022 16:13

Instrument :

MSVOA_V

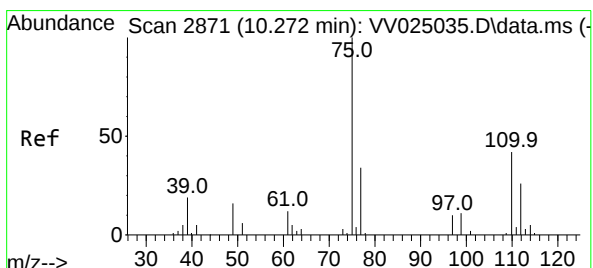
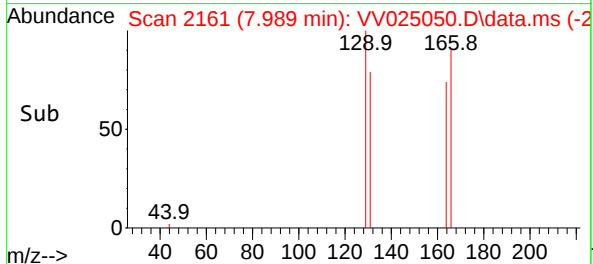
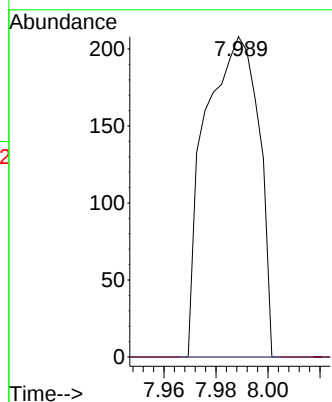
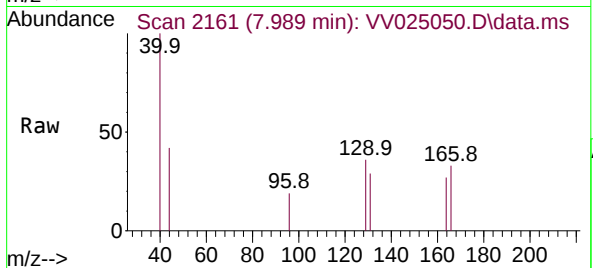
ClientSampleId :

Tgt Ion:129 Resp: 297

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 0.247 ug/L

RT: 10.011 min Scan# 2790

Delta R.T. -0.261 min

Lab File: VV025050.D

Acq: 16 Mar 2022 16:13

Tgt Ion: 75 Resp: 1302

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

