

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021408.D
 Acq On : 25 May 2021 23:13
 Operator : SY/MD
 Sample : M3496-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB458

Quant Time: May 26 07:55:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	222213	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	196662	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102784	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55680	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.564	69	53057	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.111	63	140471	7.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	157.60%#
20) 2-Butanone-d5	3.915	46	231742	68.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.14%#
24) Chloroform-d	4.352	84	139207	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.037	65	72118	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.053	84	270734	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.072	67	90068	5.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.40%
41) Toluene-d8	7.320	98	230176	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloroprop...	7.628	79	32240	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.091	63	205404	68.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.60%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78149	6.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.40%#
66) 1,2-Dichlorobenzene-d4	11.625	152	98846	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	148452	13.46	ug/L	94
16) Methylene chloride	2.506	84	4143	0.23	ug/L	99
19) 1,1-Dichloroethane	3.191	63	45656	1.88	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	2377	0.16	ug/L	92
25) Chloroform	4.375	83	3234	0.13	ug/L #	74
27) 1,2-Dichloroethane	5.149	62	2997	0.22	ug/L #	87
29) 1,1,1-Trichloroethane	4.609	97	167582	7.59	ug/L	97
31) Carbon tetrachloride	4.609	117	22794	1.14	ug/L	99
34) Trichloroethene	5.931	95	3533	0.25	ug/L	92
35) Methylcyclohexane	6.075	83	21656	0.93	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	9227	0.72	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2250	0.11	ug/L #	57
42) Toluene	7.394	91	40271	0.71	ug/L	100
44) trans-1,3-Dichloropropene	7.628	75	1463	0.09	ug/L #	62
47) Tetrachloroethene	7.976	164	180646	14.06	ug/L	97
48) 2-Hexanone	8.091	43	19687	3.72	ug/L #	70
49) Dibromochloromethane	7.976	129	153147	11.98	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	9630	1.32	ug/L #	65

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration

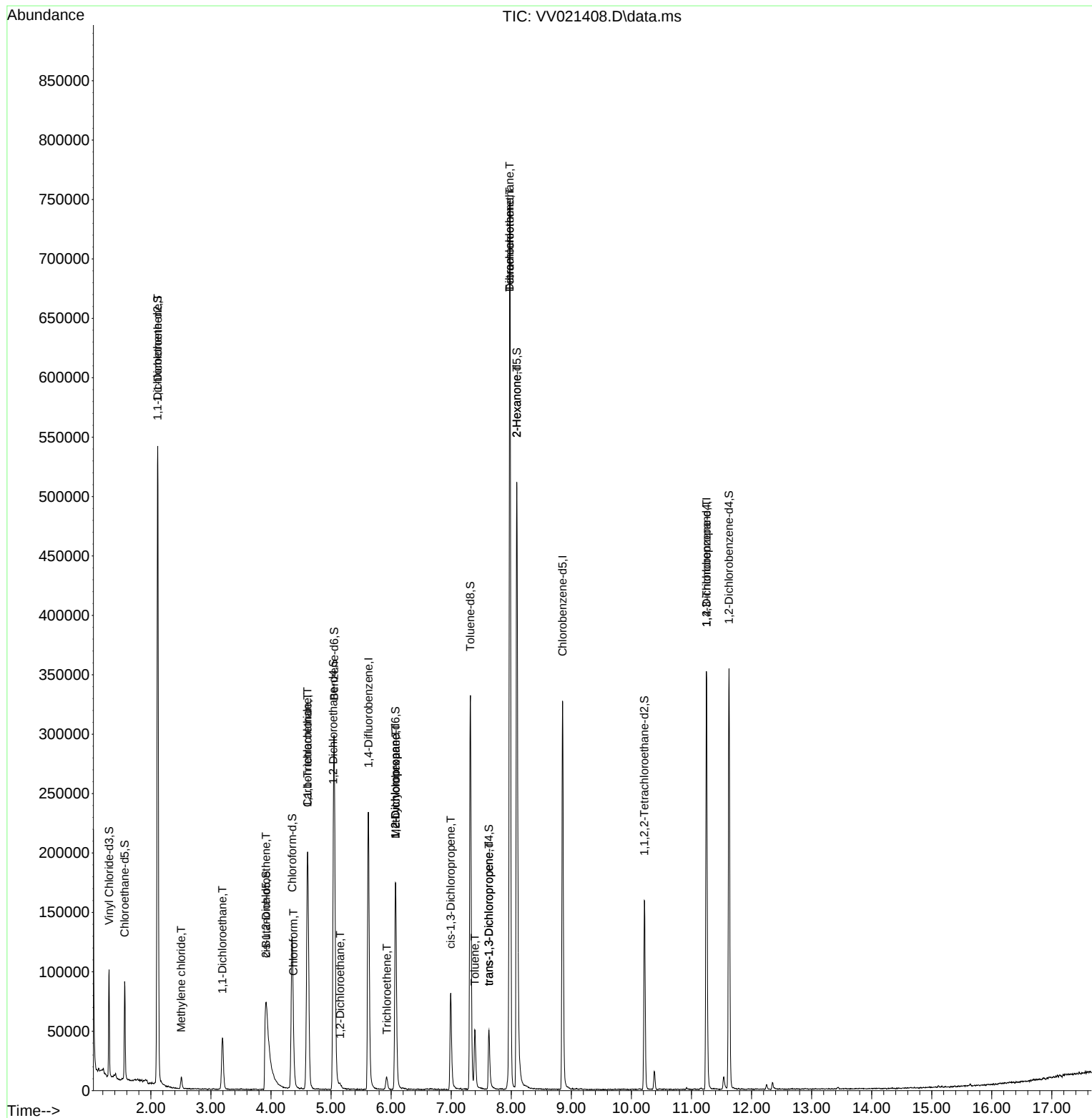
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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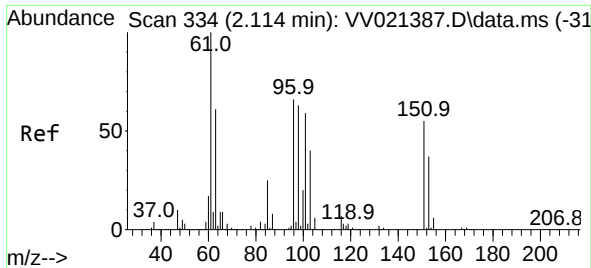
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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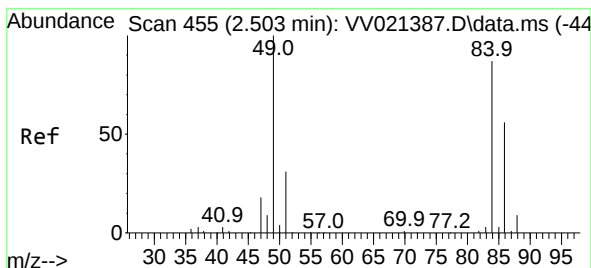
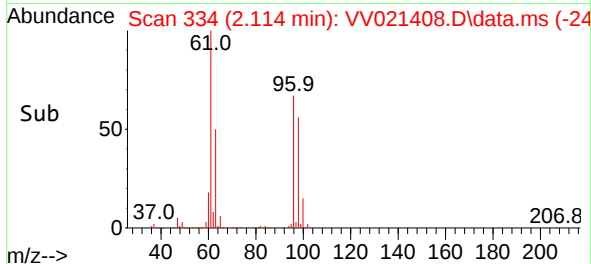
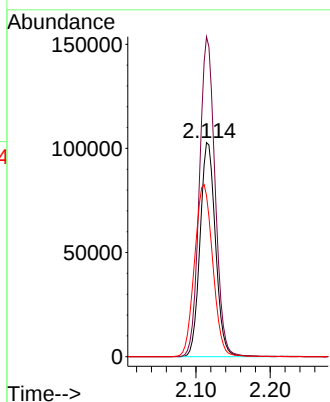
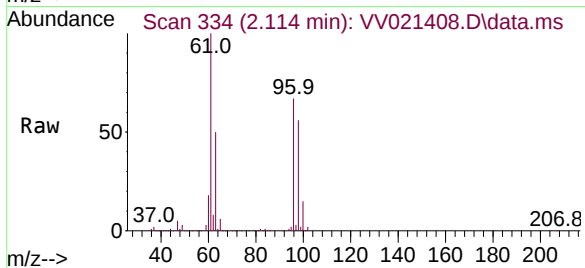




#12
1,1-Dichloroethene
Concen: 13.46 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

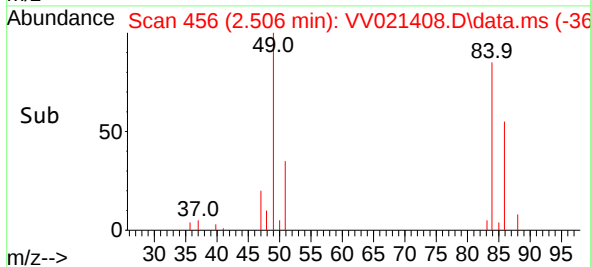
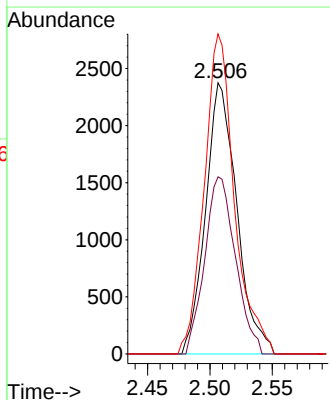
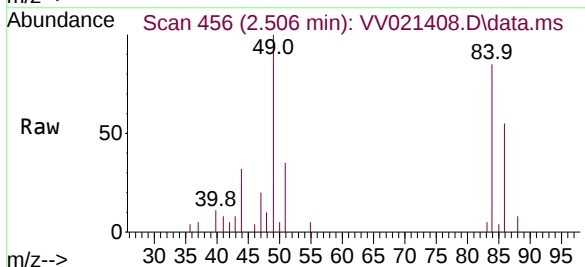
Instrument :
MSVOA_V
ClientSampleId :
GB458

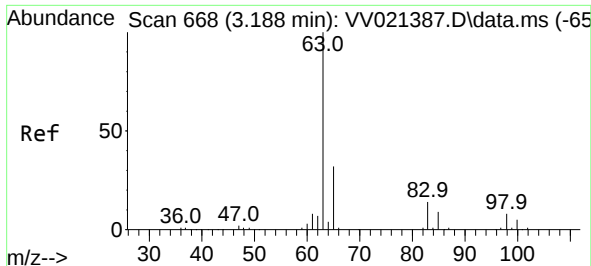
Tgt Ion: 96 Resp: 148452
Ion Ratio Lower Upper
96 100
61 149.5 103.7 192.5
63 75.3 62.4 115.8



#16
Methylene chloride
Concen: 0.23 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

Tgt Ion: 84 Resp: 4143
Ion Ratio Lower Upper
84 100
86 65.3 44.7 82.9
49 118.0 82.7 153.5





#19

1,1-Dichloroethane

Concen: 1.88 ug/L

RT: 3.191 min Scan# 669

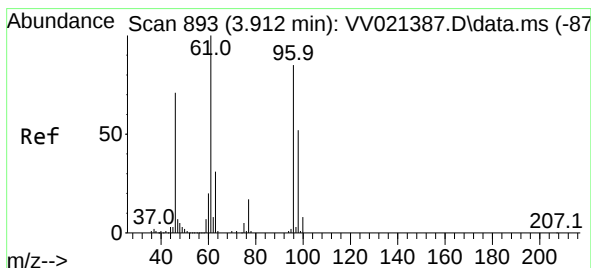
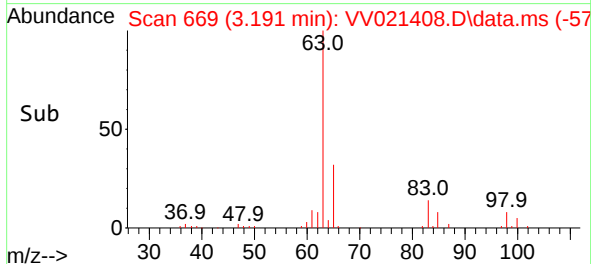
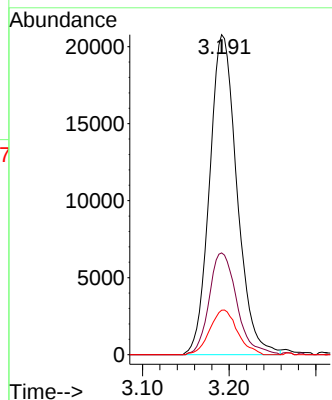
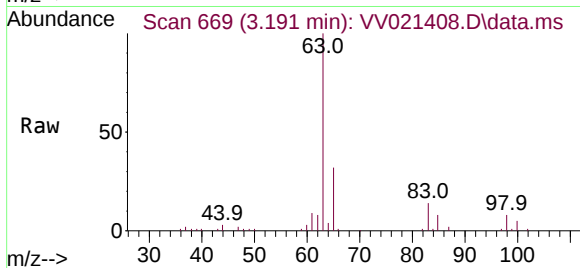
Delta R.T. 0.003 min

Lab File: VV021408.D

Acq: 25 May 2021 23:13

Tgt Ion:	63	Resp:	45656
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.2	43.2
83	13.9	9.4	17.4

Instrument :
MSVOA_V
ClientSampled :
GB458



#22

cis-1,2-Dichloroethene

Concen: 0.16 ug/L

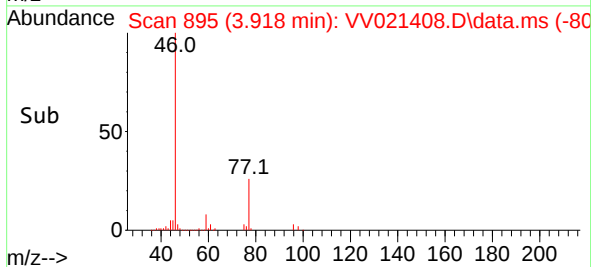
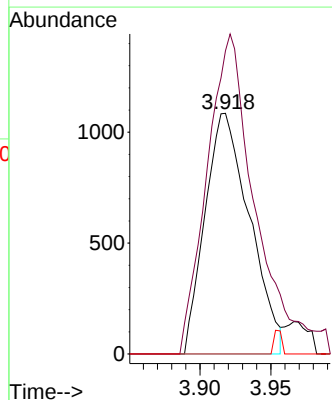
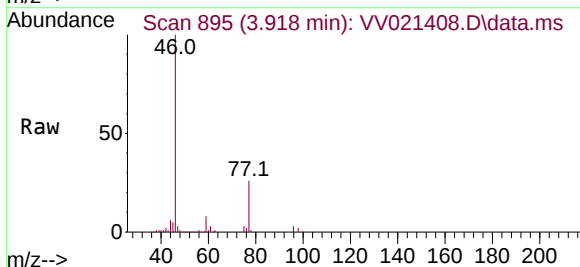
RT: 3.918 min Scan# 895

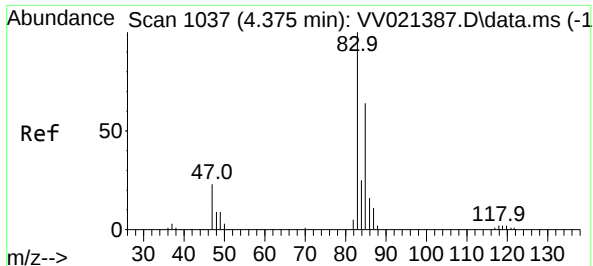
Delta R.T. 0.006 min

Lab File: VV021408.D

Acq: 25 May 2021 23:13

Tgt Ion:	96	Resp:	2377
Ion	Ratio	Lower	Upper
96	100		
61	126.0	81.9	152.1
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.13 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021408.D

Acq: 25 May 2021 23:13

Tgt Ion: 83 Resp: 3234

Ion Ratio Lower Upper

83 100

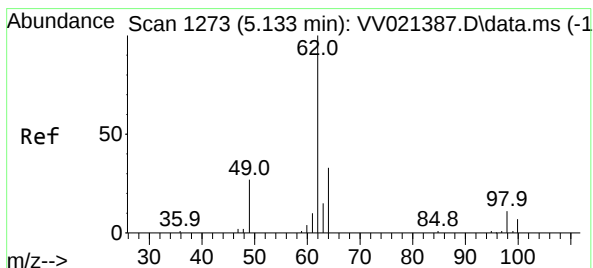
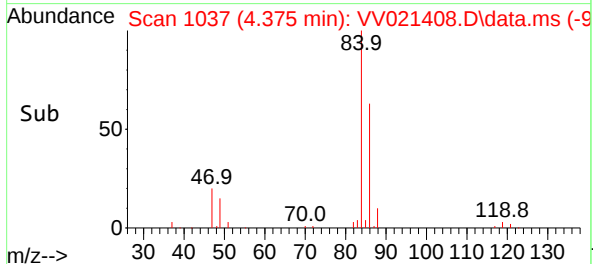
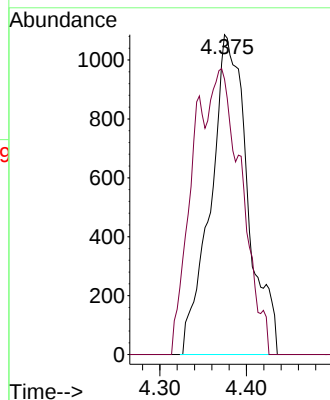
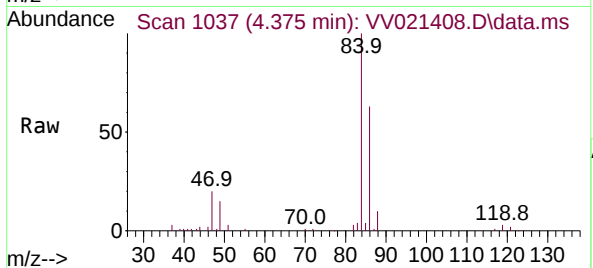
85 86.1 45.8 85.2#

Instrument :

MSVOA_V

ClientSampled :

GB458



#27

1,2-Dichloroethane

Concen: 0.22 ug/L

RT: 5.149 min Scan# 1278

Delta R.T. 0.016 min

Lab File: VV021408.D

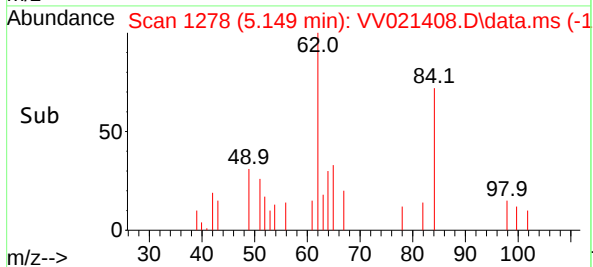
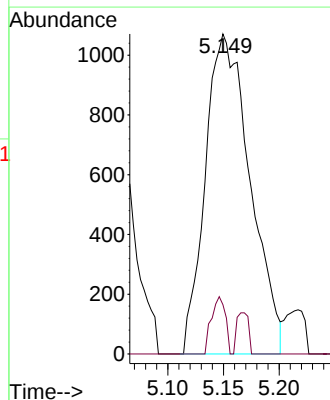
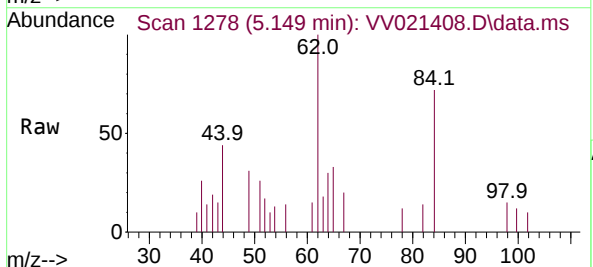
Acq: 25 May 2021 23:13

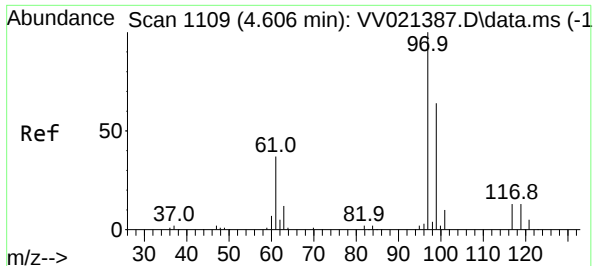
Tgt Ion: 62 Resp: 2997

Ion Ratio Lower Upper

62 100

98 15.4 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 7.59 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

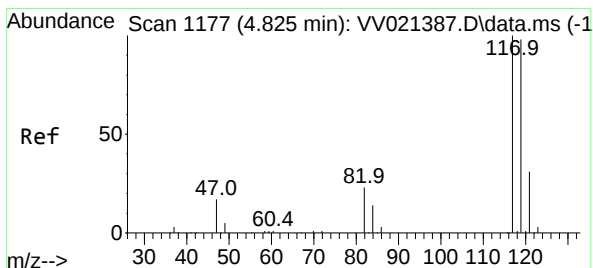
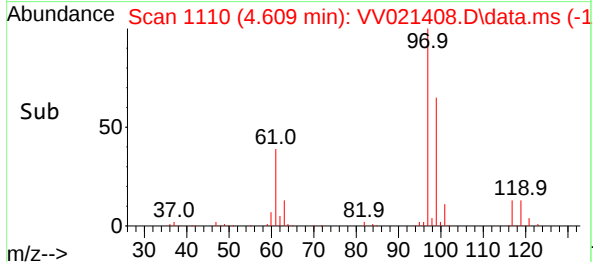
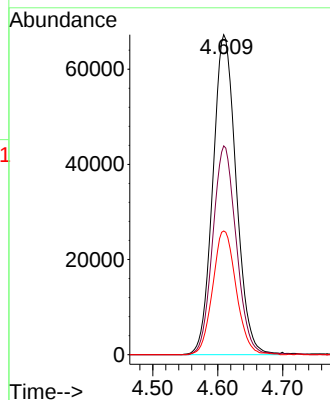
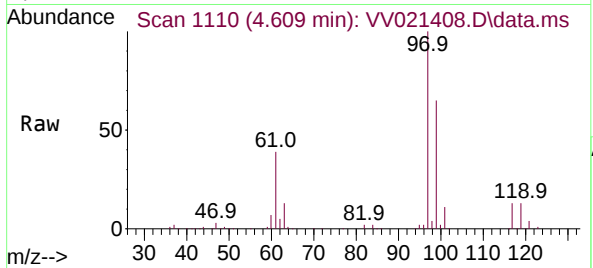
Lab File: VV021408.D

Acq: 25 May 2021 23:13

Tgt Ion: 97 Resp: 167582

Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.6	75.8
61	39.1	30.4	45.6

Instrument :
MSVOA_V
ClientSampled :
GB458



#31

Carbon tetrachloride

Concen: 1.14 ug/L

RT: 4.609 min Scan# 1110

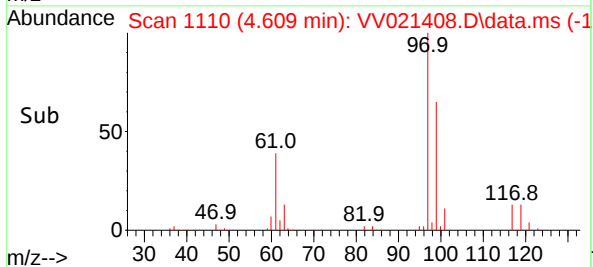
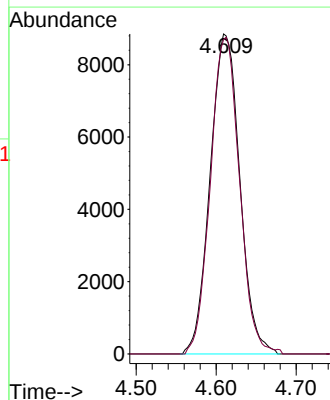
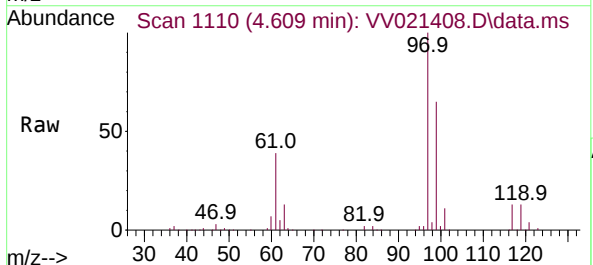
Delta R.T. -0.215 min

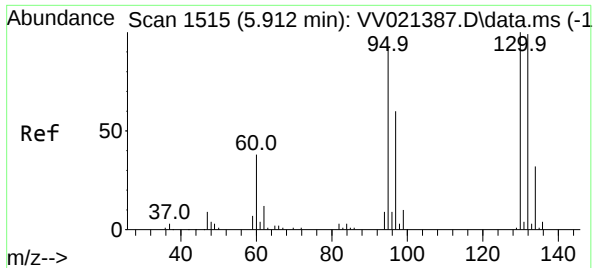
Lab File: VV021408.D

Acq: 25 May 2021 23:13

Tgt Ion: 117 Resp: 22794

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.0	115.6



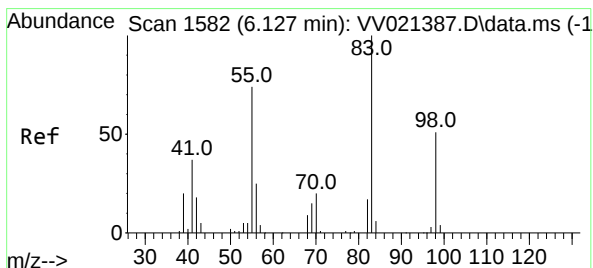
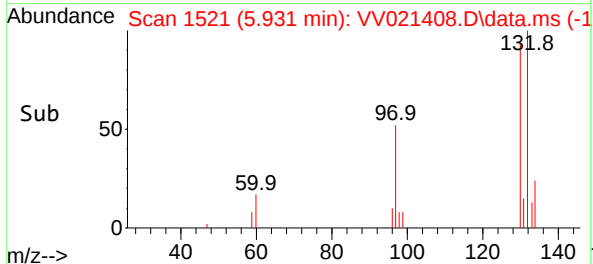
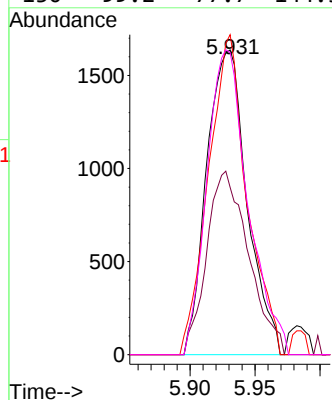
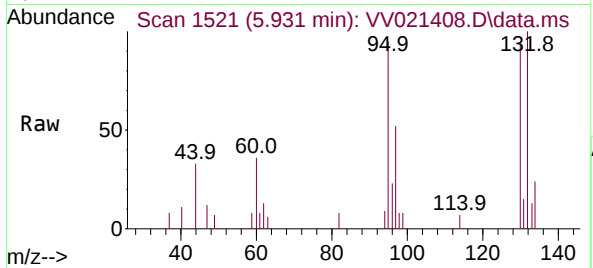


#34
Trichloroethene
Concen: 0.25 ug/L
RT: 5.931 min Scan# 1521
Delta R.T. 0.019 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

Instrument :
MSVOA_V
ClientSampled :
GB458

Tgt Ion: 95 Resp: 3533

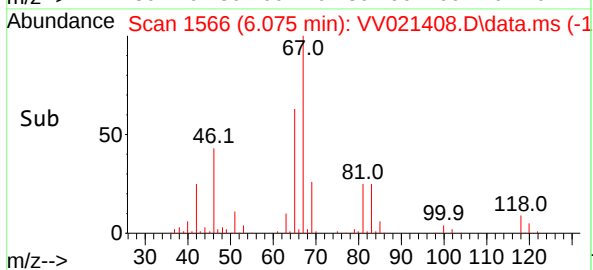
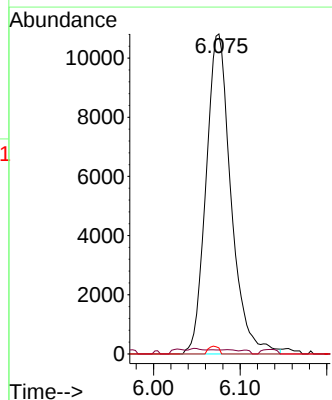
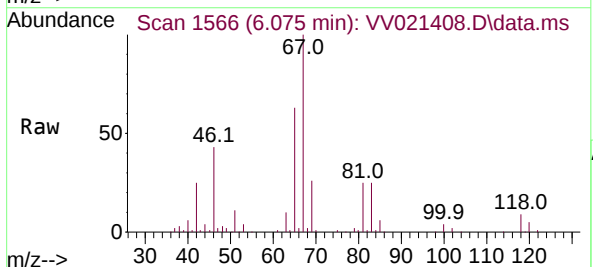
Ion	Ratio	Lower	Upper
95	100		
97	54.9	45.4	84.4
132	105.0	74.5	138.3
130	99.2	77.7	144.3

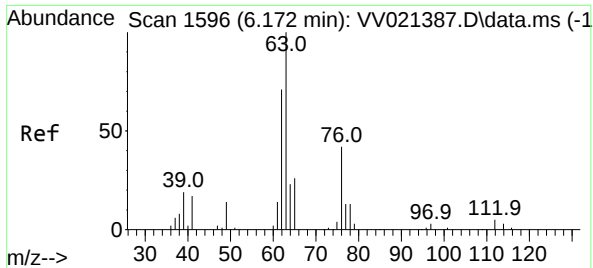


#35
Methylcyclohexane
Concen: 0.93 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.051 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

Tgt Ion: 83 Resp: 21656

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.7	86.5#
98	1.0	40.6	61.0#

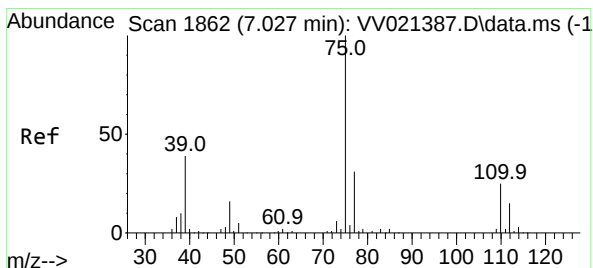
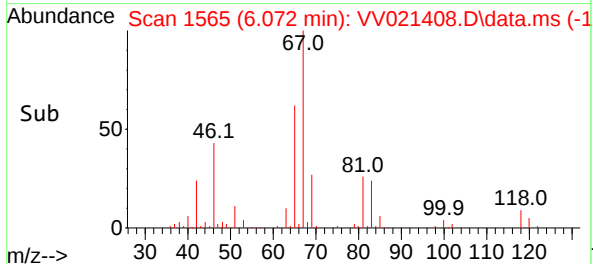
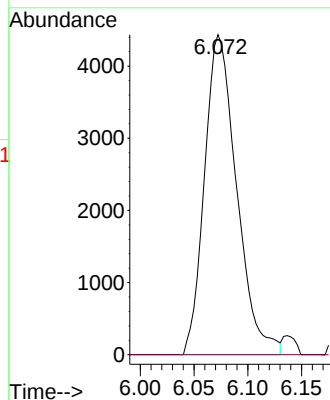
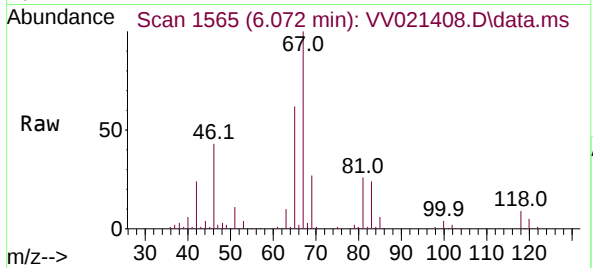




#37
1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

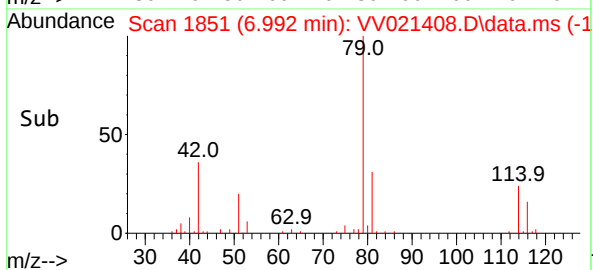
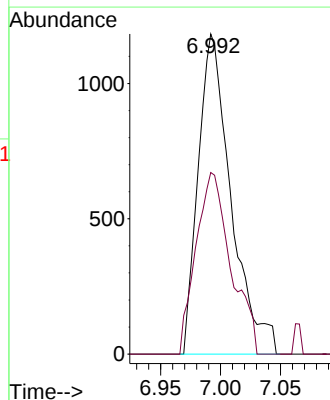
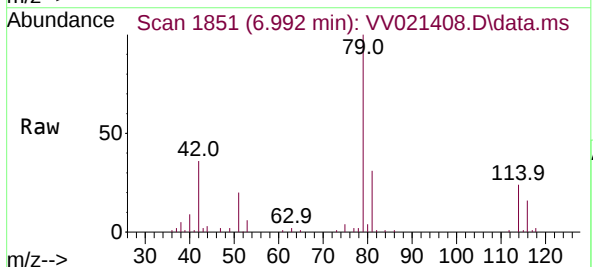
Instrument :
MSVOA_V
ClientSampled :
GB458

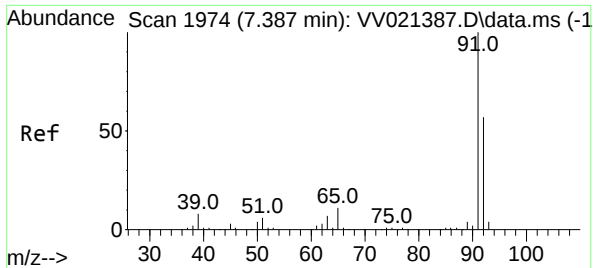
Tgt Ion: 63 Resp: 9227
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

Tgt Ion: 75 Resp: 2250
Ion Ratio Lower Upper
75 100
77 56.7 22.8 42.4#

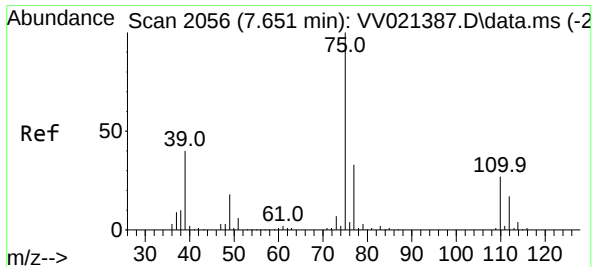
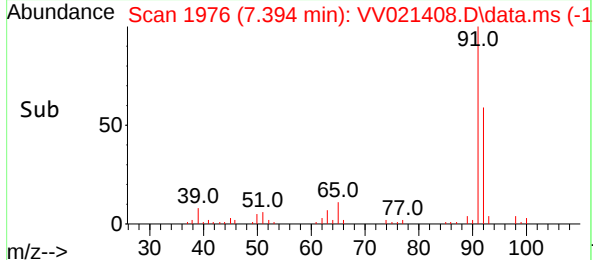
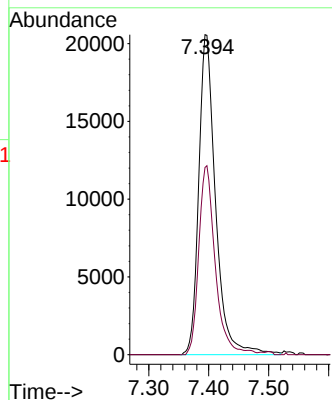
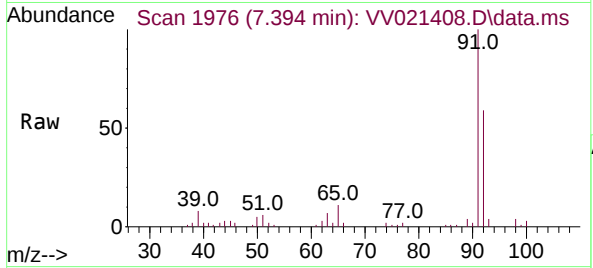




#42
Toluene
Concen: 0.71 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

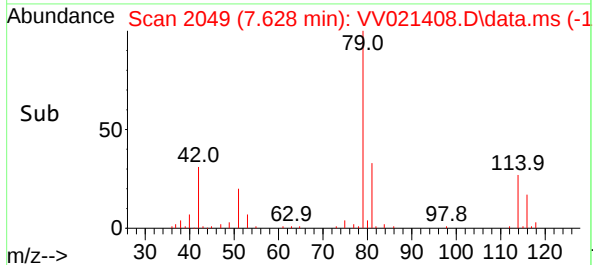
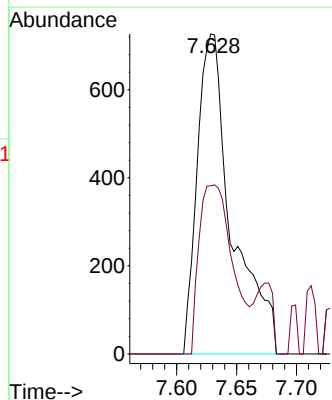
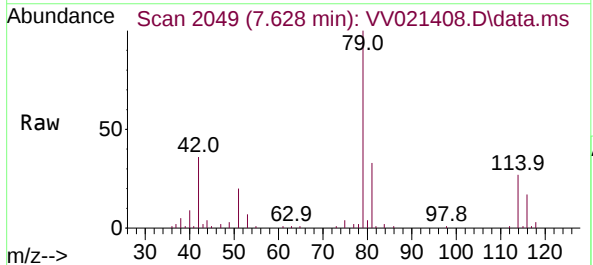
Instrument :
MSVOA_V
ClientSampled :
GB458

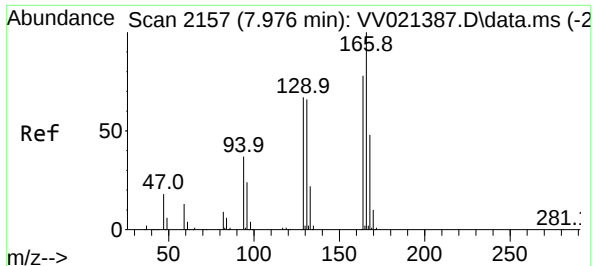
Tgt Ion: 91 Resp: 40271
Ion Ratio Lower Upper
91 100
92 58.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

Tgt Ion: 75 Resp: 1463
Ion Ratio Lower Upper
75 100
77 52.5 22.2 41.2#





#47

Tetrachloroethene

Concen: 14.06 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021408.D

Acq: 25 May 2021 23:13

Instrument :

MSVOA_V

ClientSampled :

GB458

Tgt Ion:164 Resp: 180646

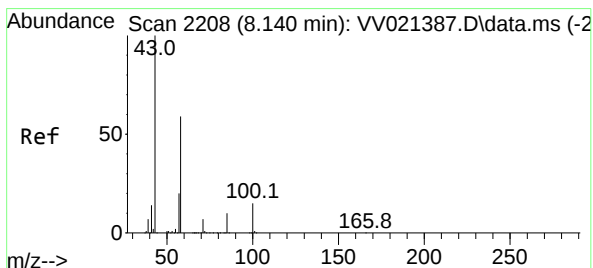
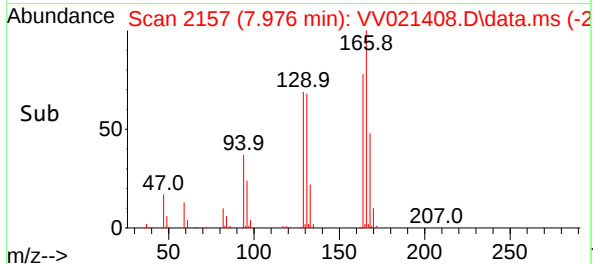
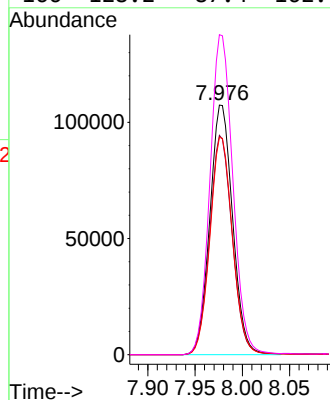
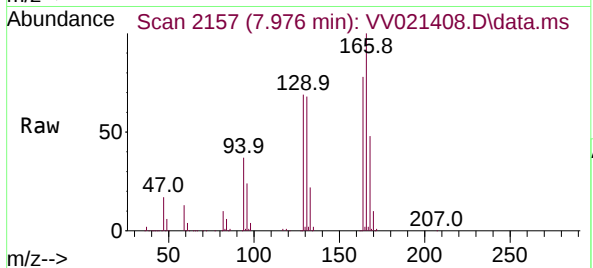
Ion Ratio Lower Upper

164 100

129 87.9 61.8 114.8

131 87.0 57.8 107.4

166 128.2 87.4 162.4



#48

2-Hexanone

Concen: 3.72 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV021408.D

Acq: 25 May 2021 23:13

Tgt Ion: 43 Resp: 19687

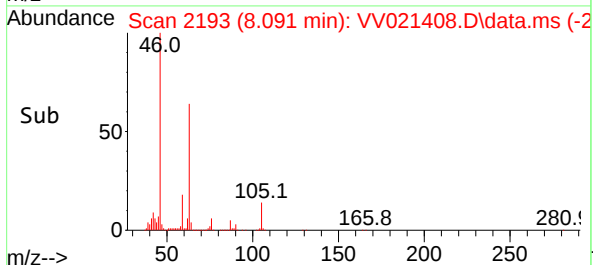
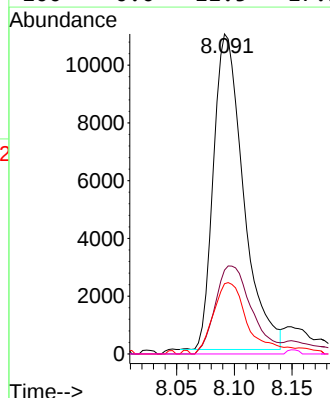
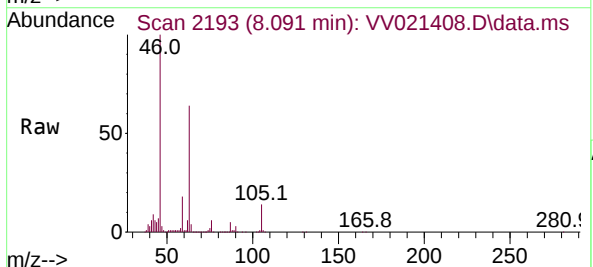
Ion Ratio Lower Upper

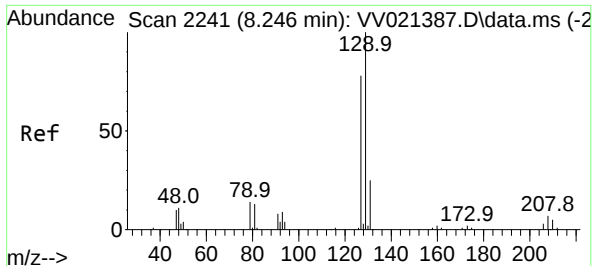
43 100

58 33.8 47.0 70.4#

57 27.2 15.4 23.2#

100 0.0 11.5 17.3#





#49

Dibromochloromethane

Concen: 11.98 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV021408.D

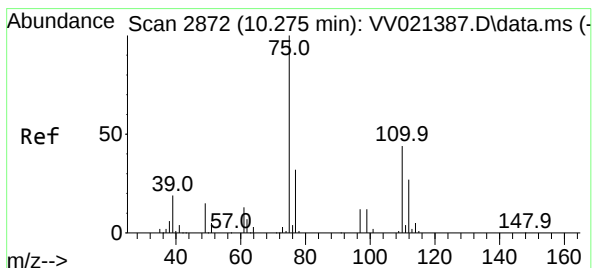
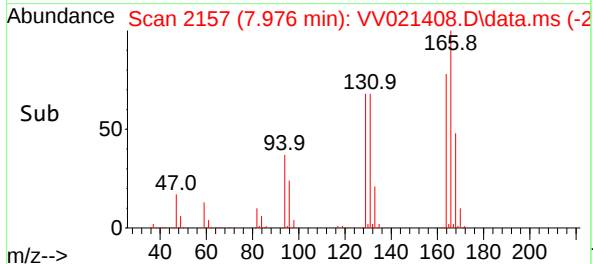
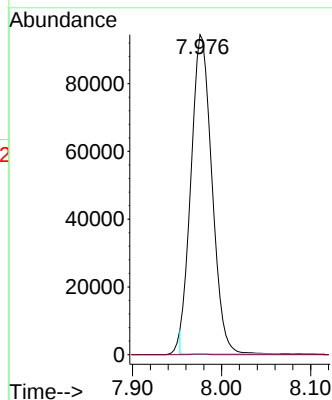
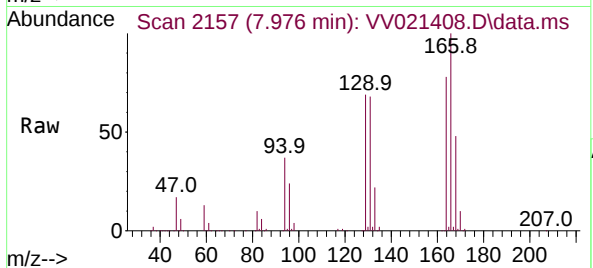
Acq: 25 May 2021 23:13

Tgt Ion:129 Resp: 153147

Ion Ratio Lower Upper

129 100

127 0.2 55.4 103.0#



#61

1,2,3-Trichloropropane

Concen: 1.32 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV021408.D

Acq: 25 May 2021 23:13

Tgt Ion: 75 Resp: 9630

Ion Ratio Lower Upper

75 100

77 33.1 27.3 40.9

110 3.6 34.2 51.2#

