

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021405.D
 Acq On : 25 May 2021 22:01
 Operator : SY/MD
 Sample : M3496-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB441

Quant Time: May 26 07:55:18 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

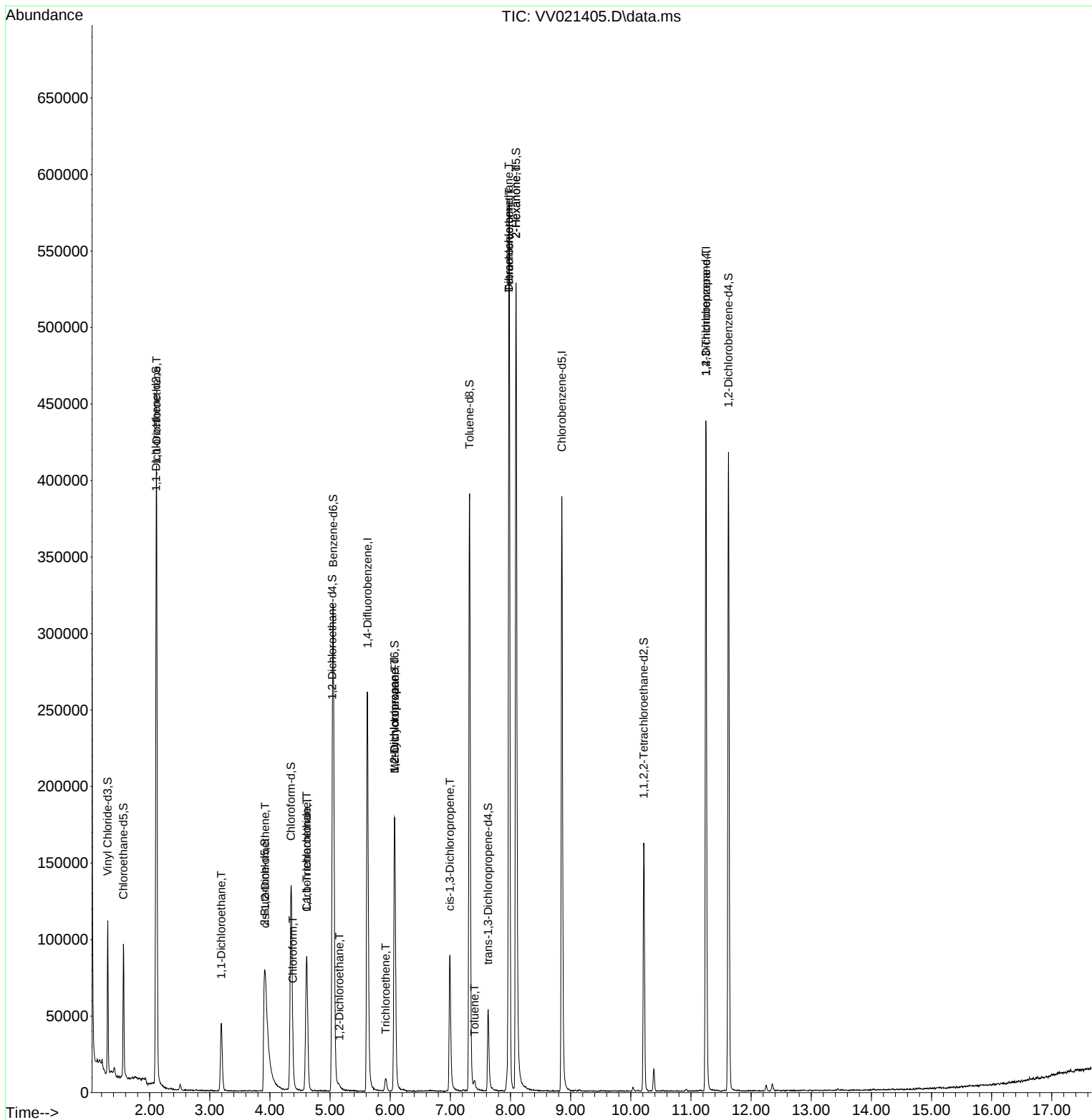
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

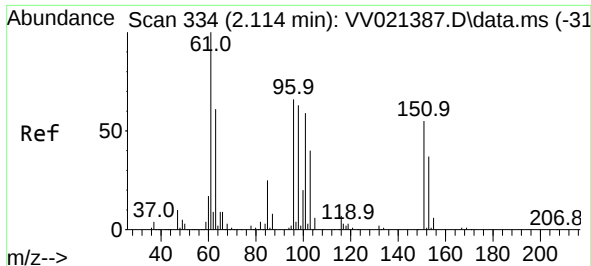
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	244411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227917	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125171	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59868	5.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.80%
7) Chloroethane-d5	1.564	69	54443	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.108	63	126652	6.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	129.20%#
20) 2-Butanone-d5	3.912	46	228880	61.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.16%
24) Chloroform-d	4.352	84	146056	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.037	65	73226	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.053	84	292151	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.072	67	92588	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.320	98	267494	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloroprop...	7.628	79	34660	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.091	63	206085	59.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.26%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78428	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	118091	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	101046	8.33	ug/L	96
19) 1,1-Dichloroethane	3.191	63	46211	1.73	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	1849	0.11	ug/L	94
25) Chloroform	4.381	83	3435	0.13	ug/L	75
27) 1,2-Dichloroethane	5.156	62	2457	0.17	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	73653	2.88	ug/L	98
31) Carbon tetrachloride	4.613	117	10478	0.45	ug/L	100
34) Trichloroethene	5.924	95	2912	0.18	ug/L	91
35) Methylcyclohexane	6.075	83	22985	0.85	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	9640	0.65	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2467	0.10	ug/L #	59
42) Toluene	7.403	91	4829	0.07	ug/L	97
47) Tetrachloroethene	7.979	164	141359	9.49	ug/L	97
48) 2-Hexanone	8.091	43	21709	3.54	ug/L #	73
49) Dibromochloromethane	7.976	129	119280	8.05	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	12381	1.39	ug/L #	65

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

Instrument :
MSVOA_V
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GB441

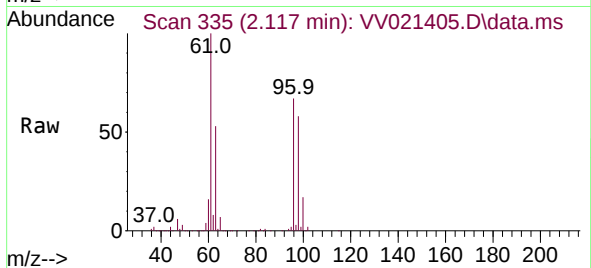
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration



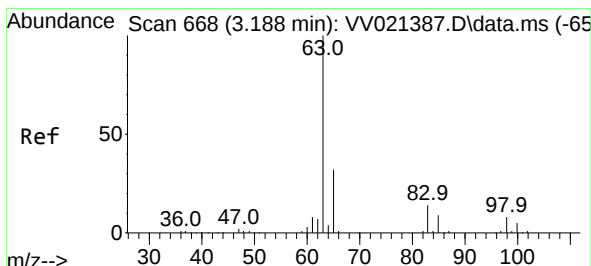
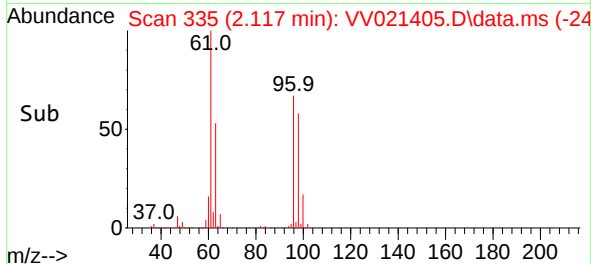
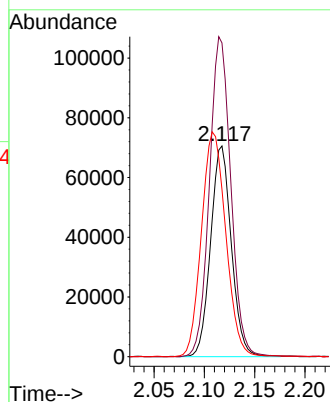


#12
1,1-Dichloroethene
Concen: 8.33 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

Instrument :
MSVOA_V
ClientSampleId :
GB441

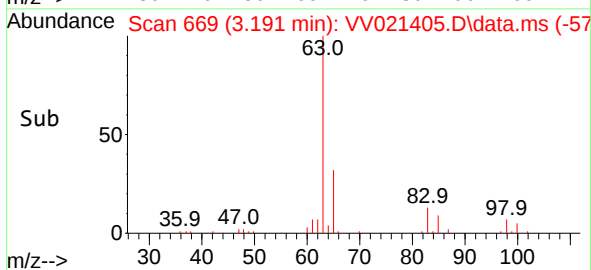
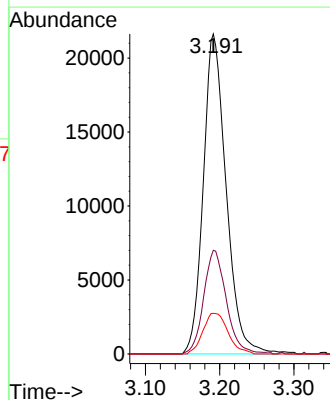
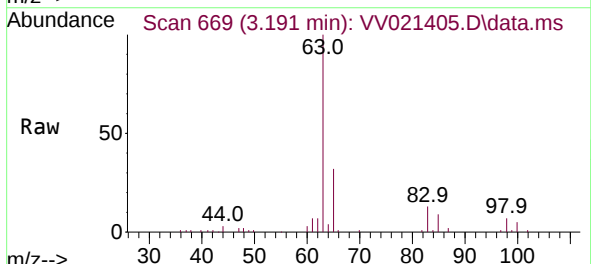


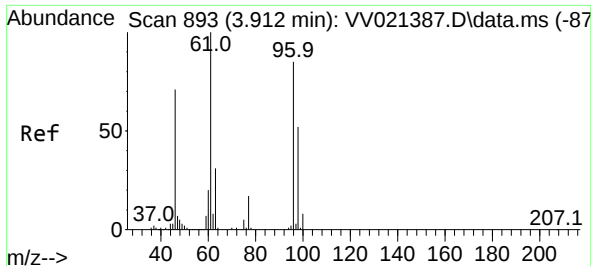
Tgt Ion: 96 Resp: 101046
Ion Ratio Lower Upper
96 100
61 148.8 103.7 192.5
63 79.4 62.4 115.8



#19
1,1-Dichloroethane
Concen: 1.73 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

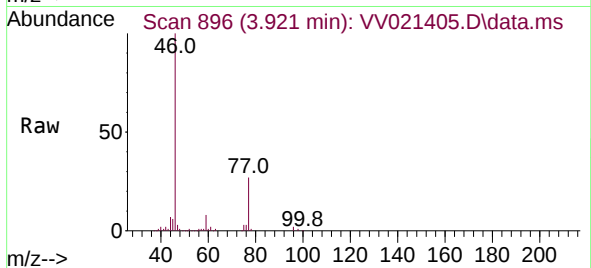
Tgt Ion: 63 Resp: 46211
Ion Ratio Lower Upper
63 100
65 32.4 23.2 43.2
83 12.7 9.4 17.4



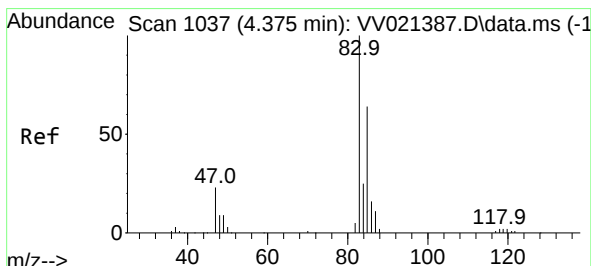
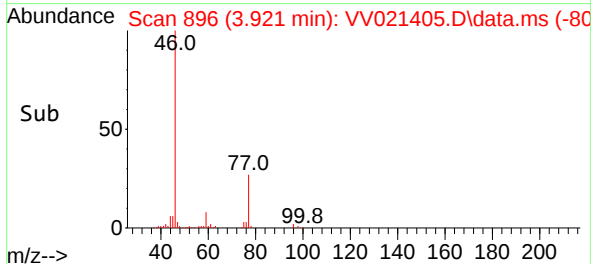
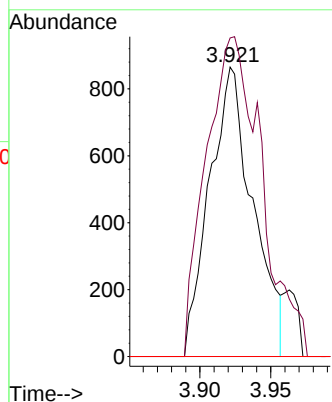


#22
cis-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

Instrument :
MSVOA_V
ClientSampled :
GB441

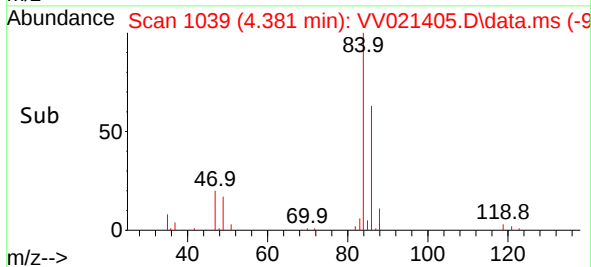
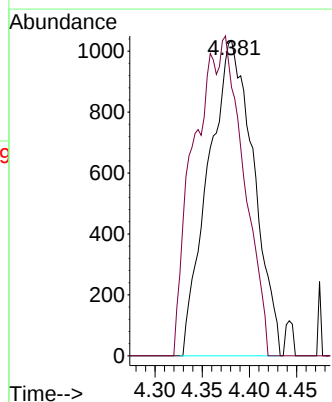
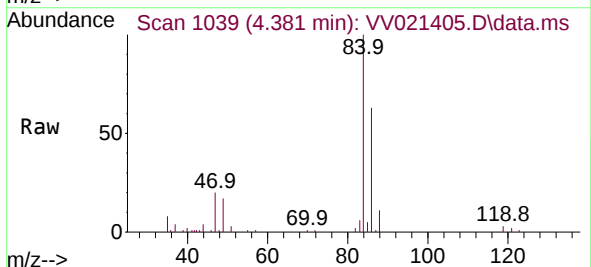


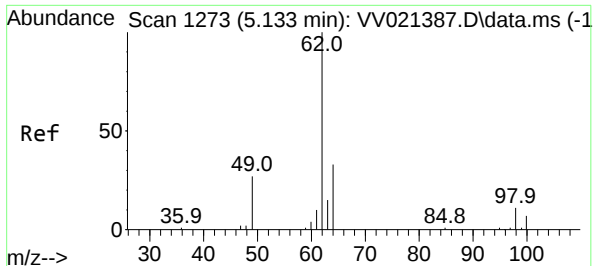
Tgt Ion: 96 Resp: 1849
Ion Ratio Lower Upper
96 100
61 110.1 81.9 152.1
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.13 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

Tgt Ion: 83 Resp: 3435
Ion Ratio Lower Upper
83 100
85 85.1 45.8 85.2

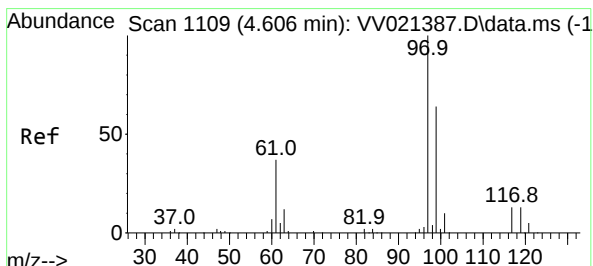
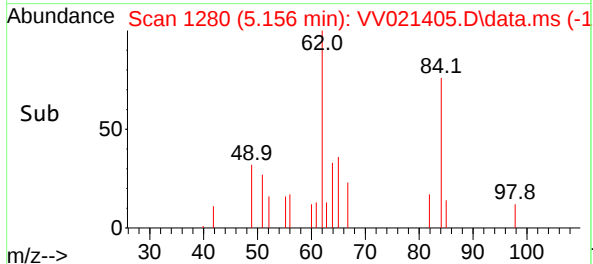
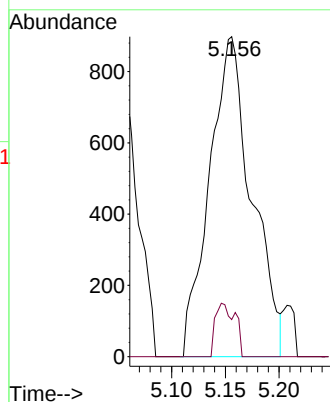
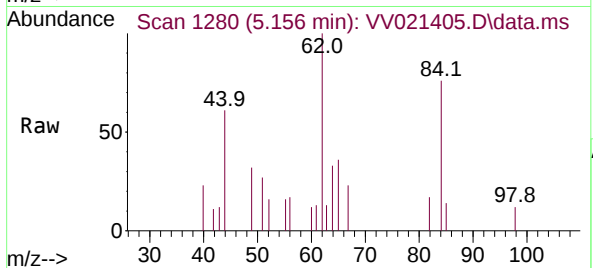




#27
1,2-Dichloroethane
Concen: 0.17 ug/L
RT: 5.156 min Scan# 1280
Delta R.T. 0.022 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

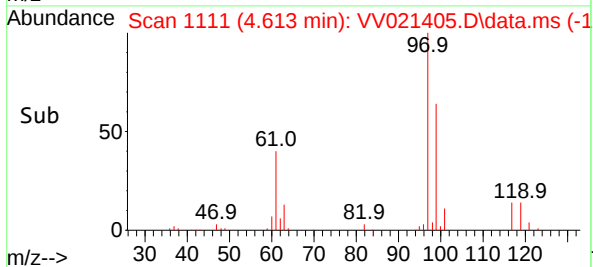
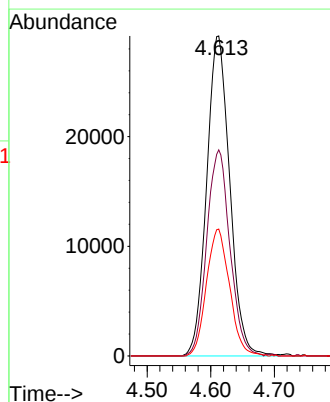
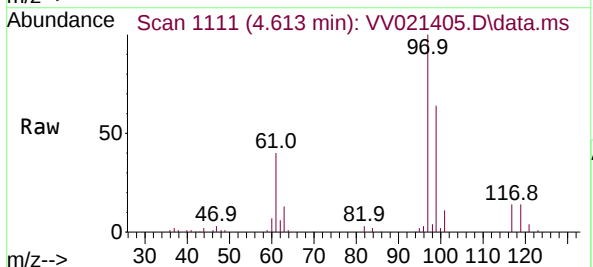
Instrument :
MSVOA_V
ClientSampled :
GB441

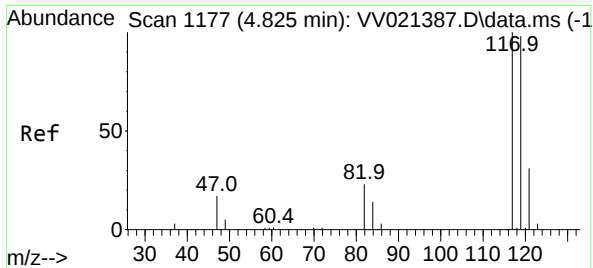
Tgt Ion: 62 Resp: 2457
Ion Ratio Lower Upper
62 100
98 11.6 8.4 12.6



#29
1,1,1-Trichloroethane
Concen: 2.88 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

Tgt Ion: 97 Resp: 73653
Ion Ratio Lower Upper
97 100
99 64.7 50.6 75.8
61 39.6 30.4 45.6

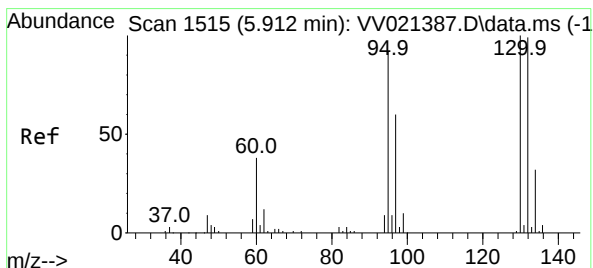
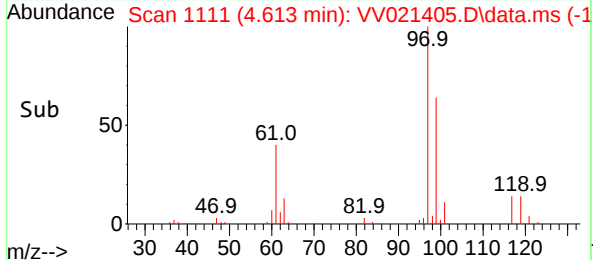
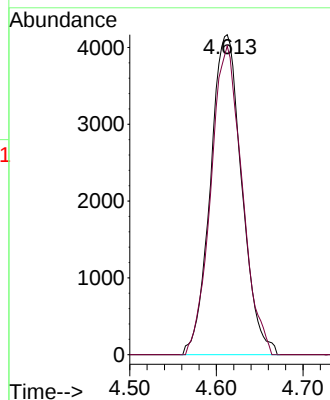
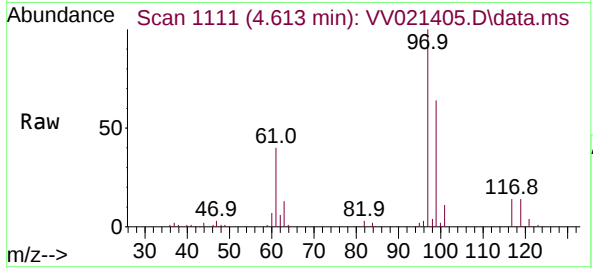




#31
Carbon tetrachloride
Concen: 0.45 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. -0.212 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

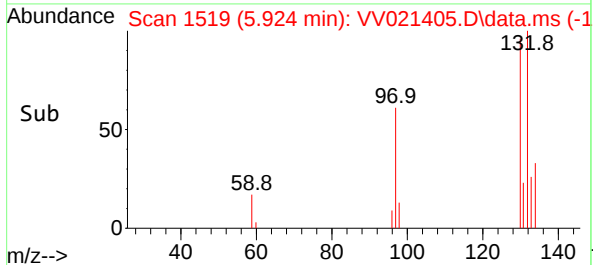
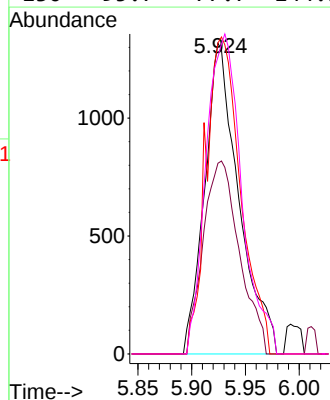
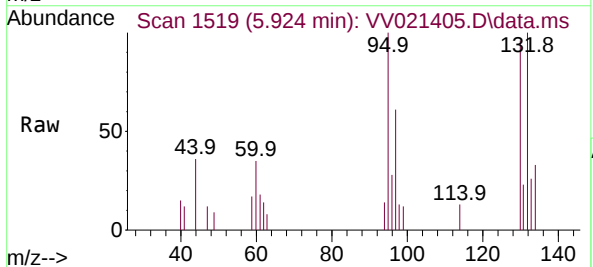
Instrument :
MSVOA_V
ClientSampled :
GB441

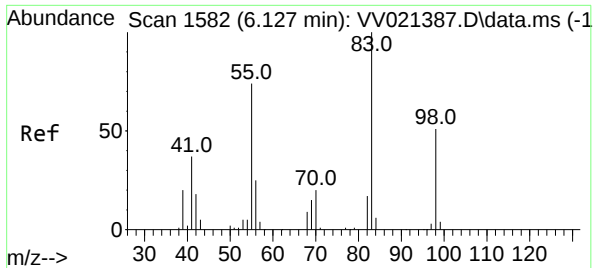
Tgt Ion:117 Resp: 10478
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#34
Trichloroethene
Concen: 0.18 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

Tgt Ion: 95 Resp: 2912
Ion Ratio Lower Upper
95 100
97 61.4 45.4 84.4
132 100.2 74.5 138.3
130 95.7 77.7 144.3





#35

Methylcyclohexane

Concen: 0.85 ug/L

RT: 6.075 min Scan# 1566

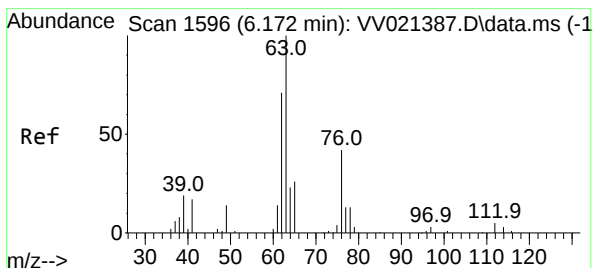
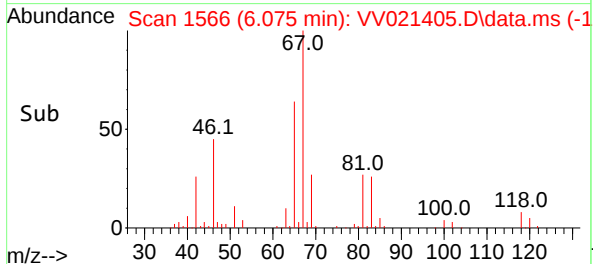
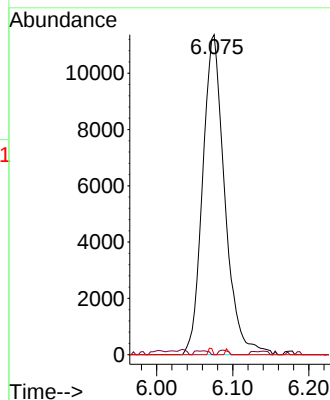
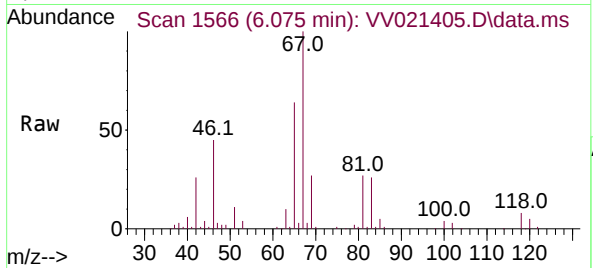
Delta R.T. -0.051 min

Lab File: VV021405.D

Acq: 25 May 2021 22:01

Tgt Ion:	83	Resp:	22985
Ion	Ratio	Lower	Upper
83	100		
55	0.7	57.7	86.5#
98	0.4	40.6	61.0#

Instrument :
MSVOA_V
ClientSampled :
GB441



#37

1,2-Dichloropropane

Concen: 0.65 ug/L

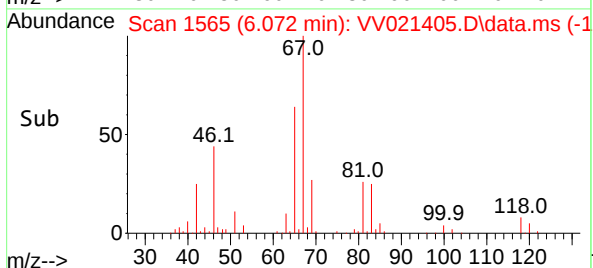
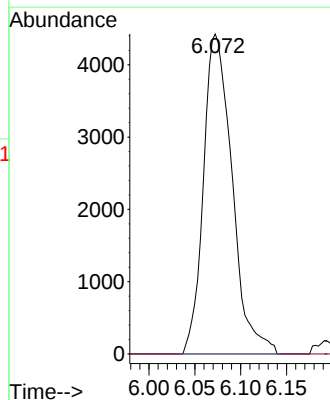
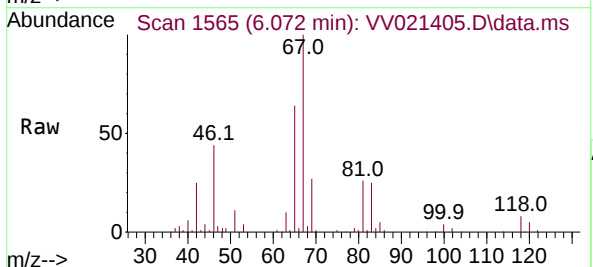
RT: 6.072 min Scan# 1565

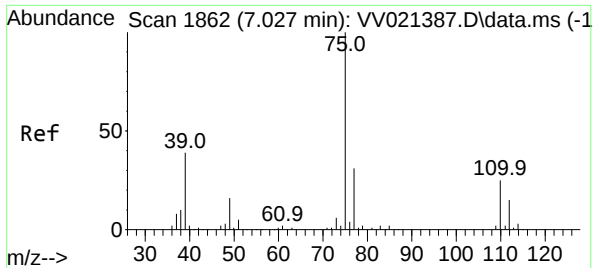
Delta R.T. -0.100 min

Lab File: VV021405.D

Acq: 25 May 2021 22:01

Tgt Ion:	63	Resp:	9640
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

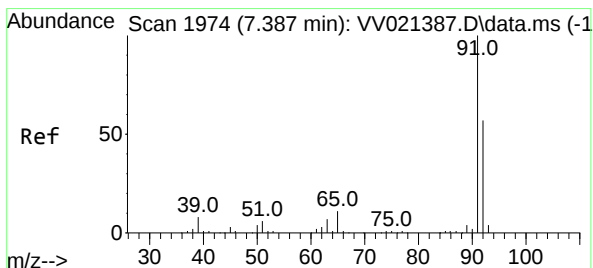
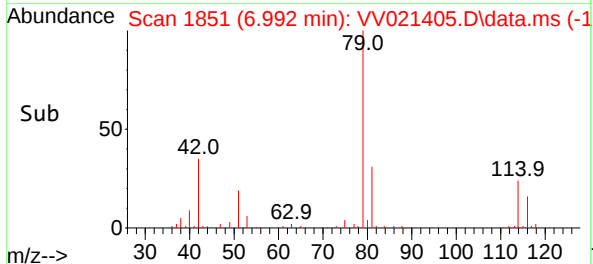
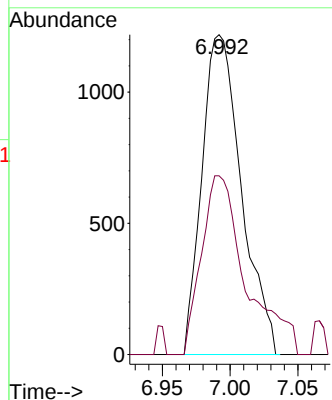
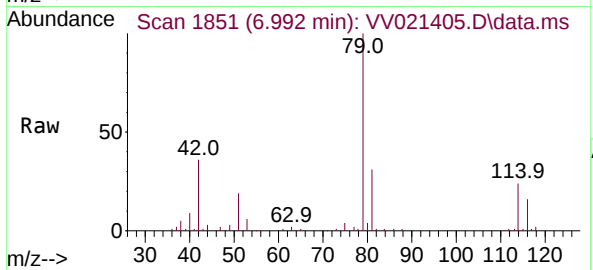




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV021405.D
 Acq: 25 May 2021 22:01

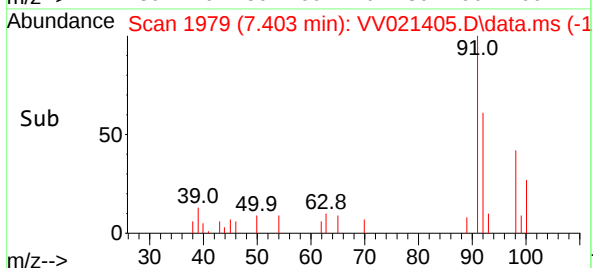
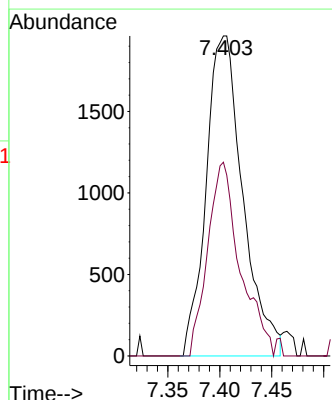
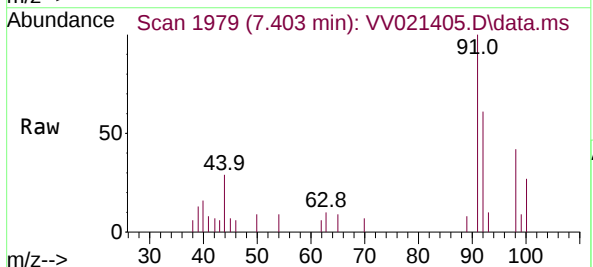
Instrument :
 MSVOA_V
 ClientSampled :
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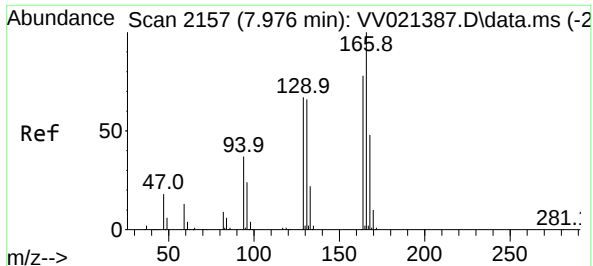
Tgt Ion: 75 Resp: 2467
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.8 42.4#



#42
 Toluene
 Concen: 0.07 ug/L
 RT: 7.403 min Scan# 1979
 Delta R.T. 0.016 min
 Lab File: VV021405.D
 Acq: 25 May 2021 22:01

Tgt Ion: 91 Resp: 4829
 Ion Ratio Lower Upper
 91 100
 92 60.6 40.9 76.0





#47

Tetrachloroethene

Concen: 9.49 ug/L

RT: 7.979 min Scan# 2158

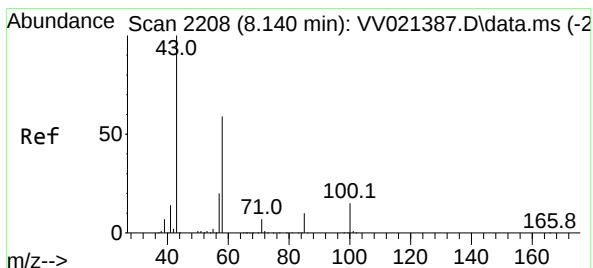
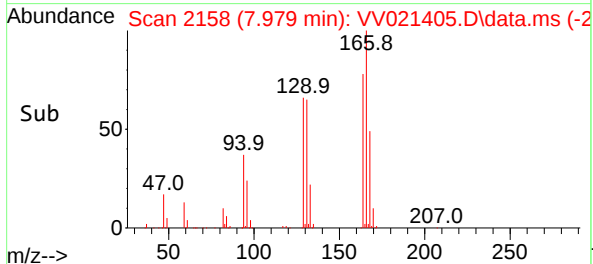
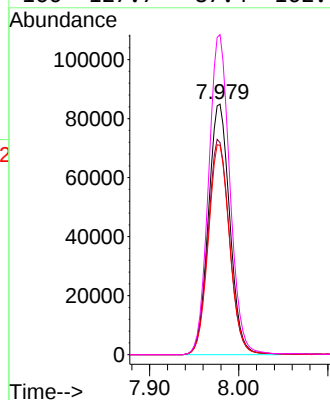
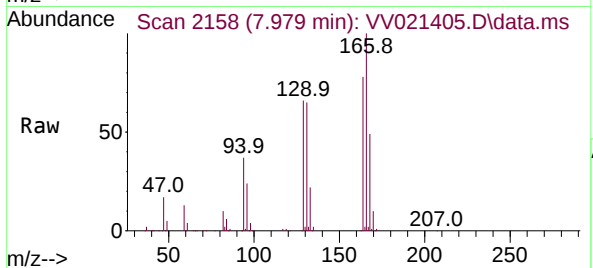
Delta R.T. 0.003 min

Lab File: VV021405.D

Acq: 25 May 2021 22:01

Instrument :
MSVOA_V
ClientSampled :
GB441

Tgt Ion:164	Resp:	141359
Ion Ratio	Lower	Upper
164	100	
129	84.6	61.8 114.8
131	83.6	57.8 107.4
166	127.7	87.4 162.4



#48

2-Hexanone

Concen: 3.54 ug/L

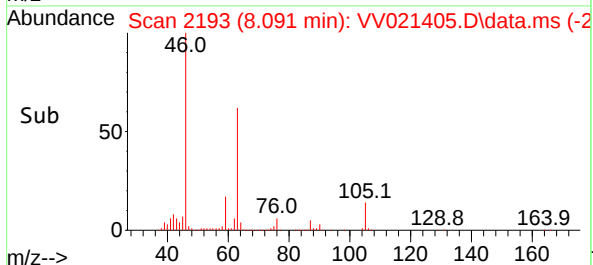
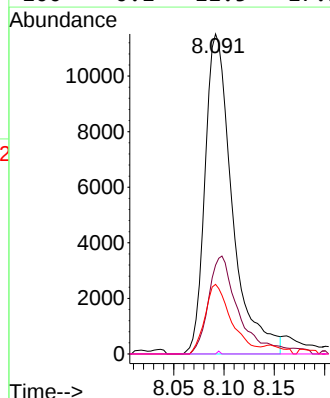
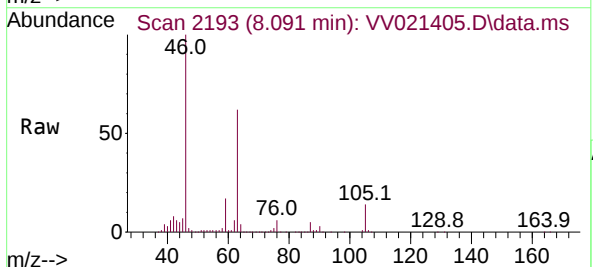
RT: 8.091 min Scan# 2193

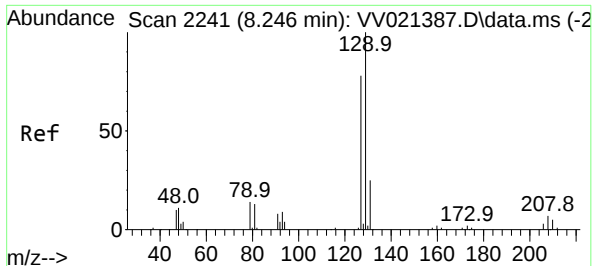
Delta R.T. -0.048 min

Lab File: VV021405.D

Acq: 25 May 2021 22:01

Tgt Ion: 43	Resp:	21709
Ion Ratio	Lower	Upper
43	100	
58	34.6	47.0 70.4#
57	21.2	15.4 23.2
100	0.1	11.5 17.3#





#49

Dibromochloromethane

Concen: 8.05 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV021405.D

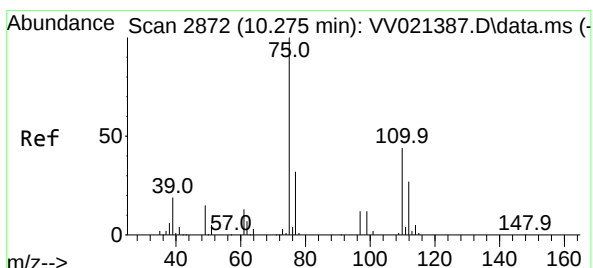
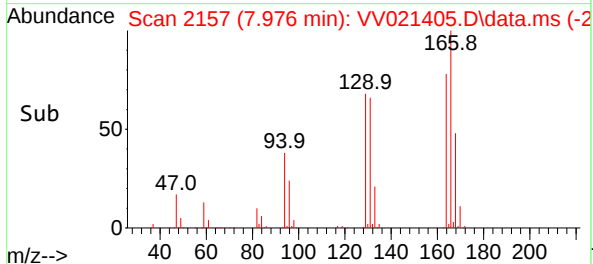
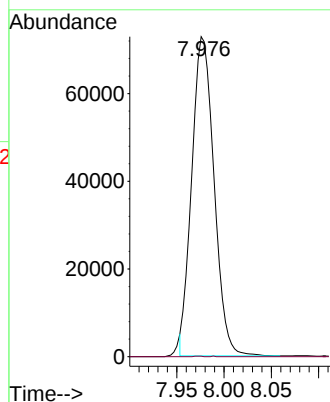
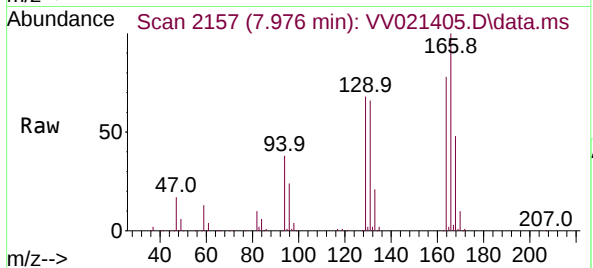
Acq: 25 May 2021 22:01

Tgt Ion:129 Resp: 119280

Ion Ratio Lower Upper

129 100

127 0.1 55.4 103.0#



#61

1,2,3-Trichloropropane

Concen: 1.39 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV021405.D

Acq: 25 May 2021 22:01

Tgt Ion: 75 Resp: 12381

Ion Ratio Lower Upper

75 100

77 33.3 27.3 40.9

110 3.0 34.2 51.2#

