

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021404.D
 Acq On : 25 May 2021 21:37
 Operator : SY/MD
 Sample : M3496-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB440

Quant Time: May 26 07:55:11 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	234114	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	218105	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	117070	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58662	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.564	69	55234	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.108	63	123058	6.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	131.00%#
20) 2-Butanone-d5	3.915	46	226585	63.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.28%
24) Chloroform-d	4.352	84	146918	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.037	65	74186	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
32) Benzene-d6	5.053	84	289245	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.072	67	94776	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.320	98	258779	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloroprop...	7.629	79	35188	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.092	63	205794	61.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.40%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79426	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	114627	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	99616	8.58	ug/L	94
16) Methylene chloride	2.507	84	3228	0.17	ug/L	89
19) 1,1-Dichloroethane	3.191	63	46483	1.82	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	1784	0.11	ug/L	76
25) Chloroform	4.378	83	3535	0.13	ug/L	90
29) 1,1,1-Trichloroethane	4.613	97	73555	3.01	ug/L	100
31) Carbon tetrachloride	4.613	117	9958	0.45	ug/L	95
34) Trichloroethene	5.928	95	2891	0.18	ug/L	91
35) Methylcyclohexane	6.072	83	22314	0.87	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	9889	0.70	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2347	0.10	ug/L #	63
42) Toluene	7.400	91	5416	0.09	ug/L	99
47) Tetrachloroethene	7.976	164	128413	9.01	ug/L	99
48) 2-Hexanone	8.092	43	22327	3.80	ug/L #	69
49) Dibromochloromethane	7.976	129	109558	7.73	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11237	1.35	ug/L #	64

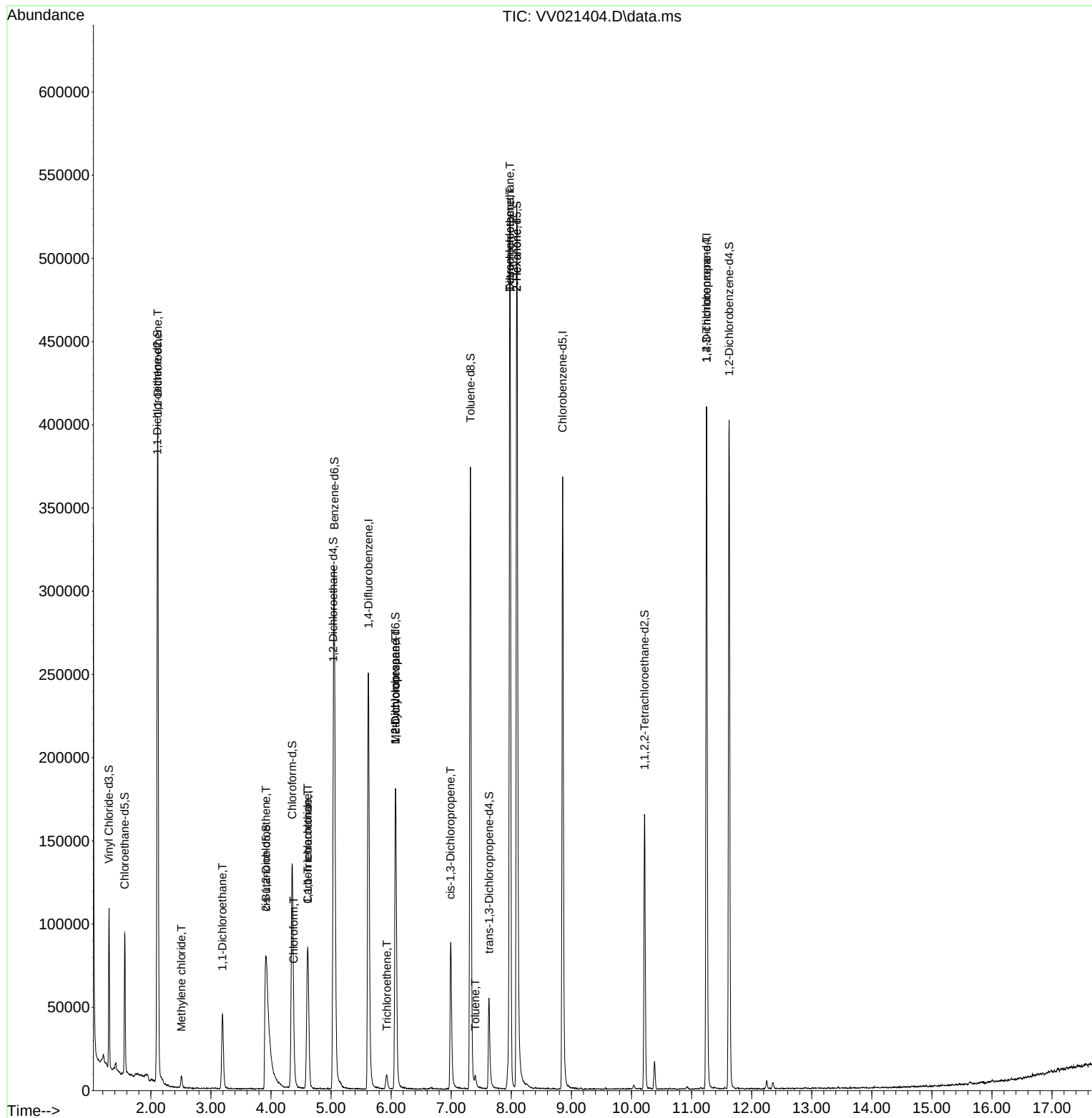
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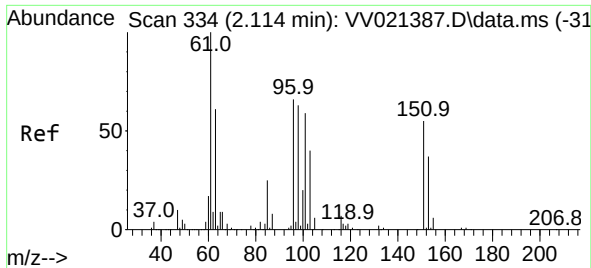
Instrument :
MSVOA_V
ClientSampleId :
GB440

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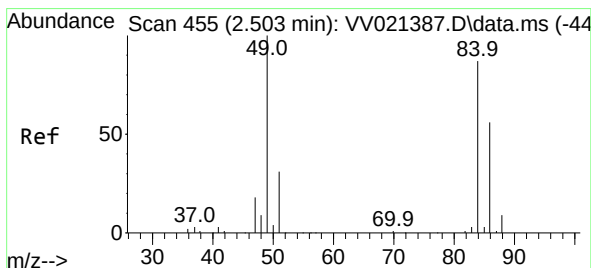
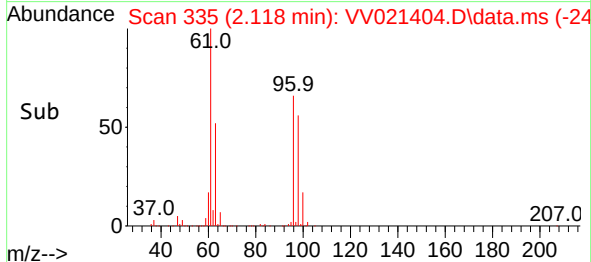
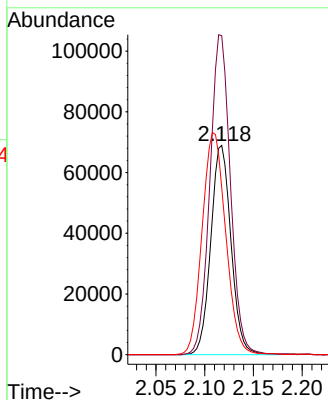
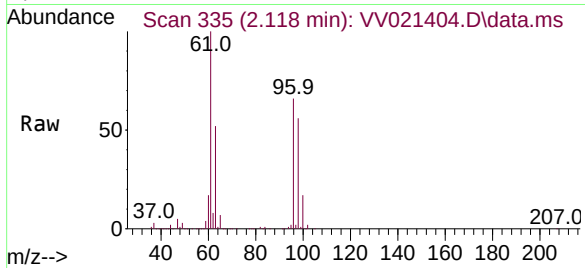




#12
1,1-Dichloroethene
Concen: 8.58 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

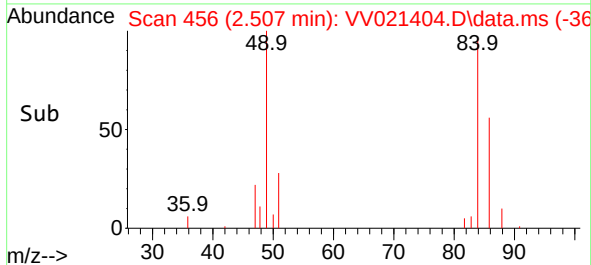
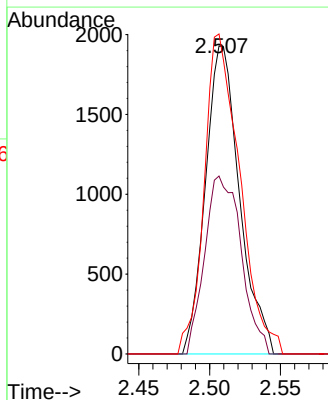
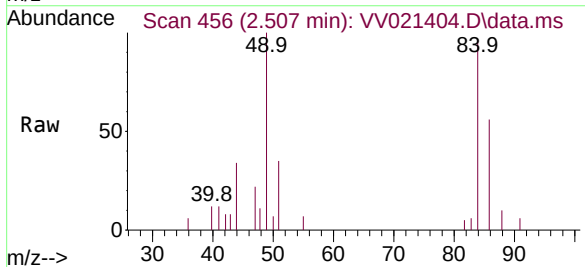
Instrument :
MSVOA_V
ClientSampled :
GB440

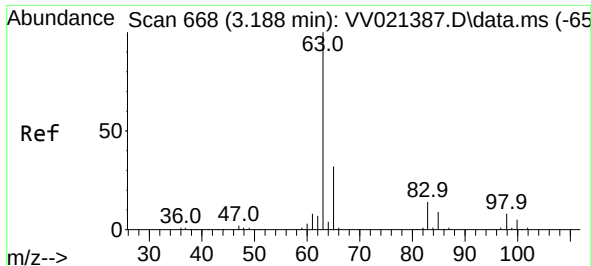
Tgt Ion: 96 Resp: 99616
Ion Ratio Lower Upper
96 100
61 152.5 103.7 192.5
63 79.8 62.4 115.8



#16
Methylene chloride
Concen: 0.17 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Tgt Ion: 84 Resp: 3228
Ion Ratio Lower Upper
84 100
86 57.8 44.7 82.9
49 103.9 82.7 153.5





#19

1,1-Dichloroethane

Concen: 1.82 ug/L

RT: 3.191 min Scan# 669

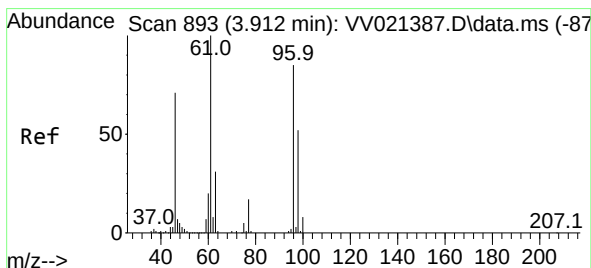
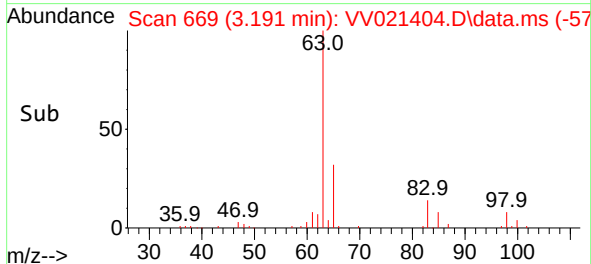
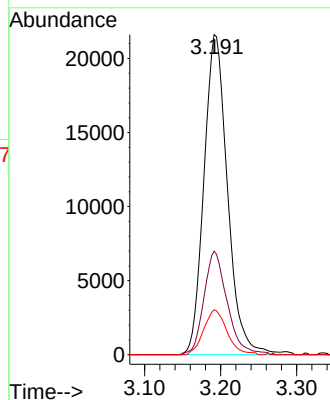
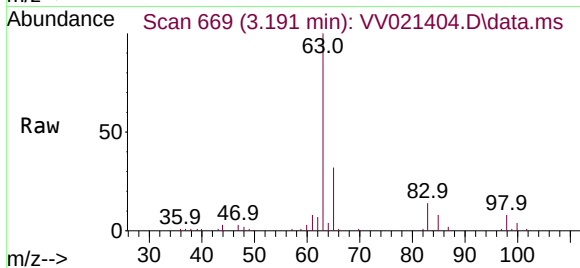
Delta R.T. 0.003 min

Lab File: VV021404.D

Acq: 25 May 2021 21:37

Tgt Ion:	63	Resp:	46483
Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.2	43.2
83	14.1	9.4	17.4

Instrument :
MSVOA_V
ClientSampled :
GB440



#22

cis-1,2-Dichloroethene

Concen: 0.11 ug/L

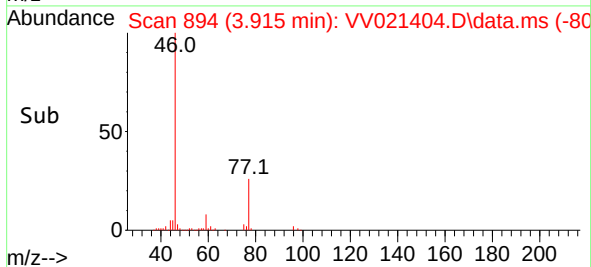
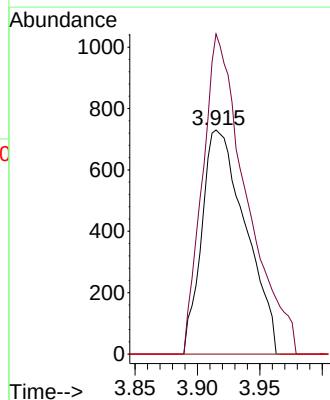
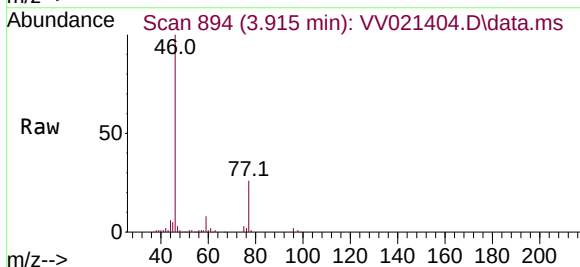
RT: 3.915 min Scan# 894

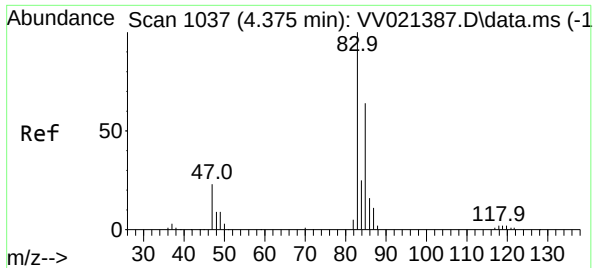
Delta R.T. 0.003 min

Lab File: VV021404.D

Acq: 25 May 2021 21:37

Tgt Ion:	96	Resp:	1784
Ion	Ratio	Lower	Upper
96	100		
61	142.9	81.9	152.1
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.13 ug/L

RT: 4.378 min Scan# 1038

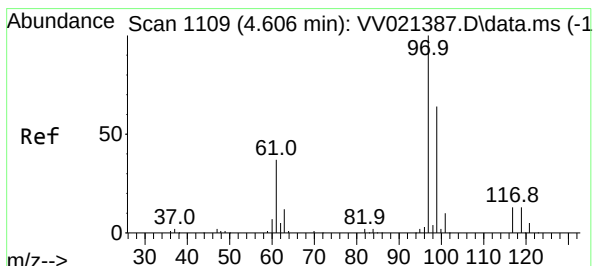
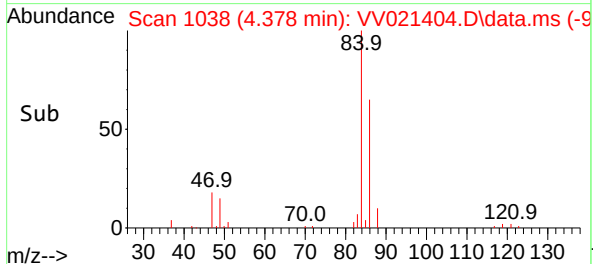
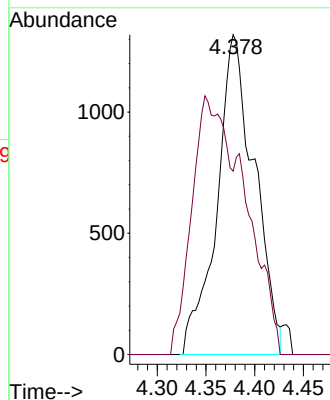
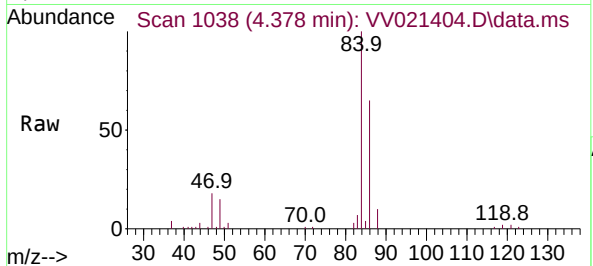
Delta R.T. 0.003 min

Lab File: VV021404.D

Acq: 25 May 2021 21:37

Instrument :
MSVOA_V
ClientSampled :
GB440

Tgt Ion: 83 Resp: 3535
Ion Ratio Lower Upper
83 100
85 57.3 45.8 85.2



#29

1,1,1-Trichloroethane

Concen: 3.01 ug/L

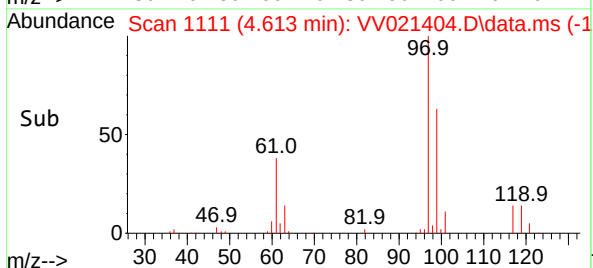
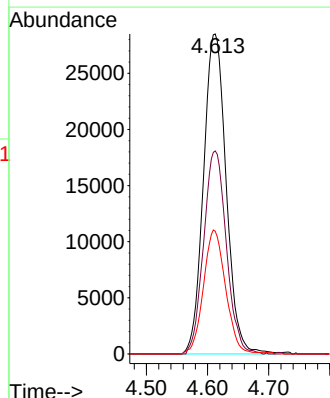
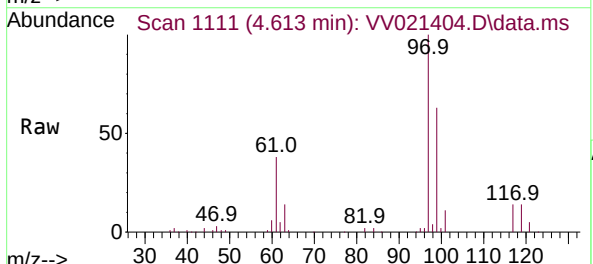
RT: 4.613 min Scan# 1111

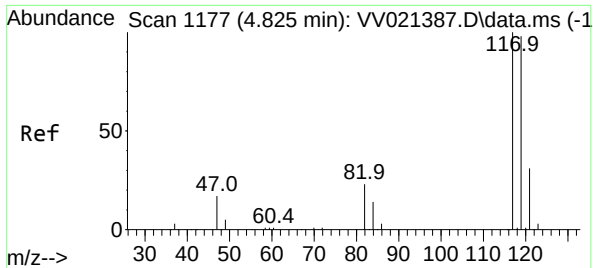
Delta R.T. 0.006 min

Lab File: VV021404.D

Acq: 25 May 2021 21:37

Tgt Ion: 97 Resp: 73555
Ion Ratio Lower Upper
97 100
99 63.5 50.6 75.8
61 37.8 30.4 45.6

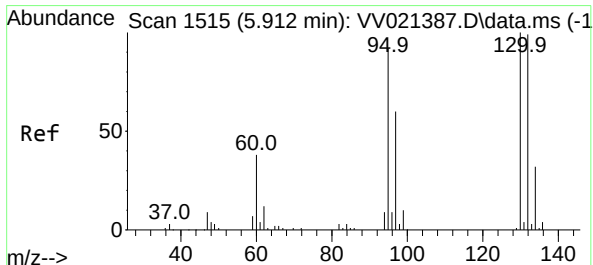
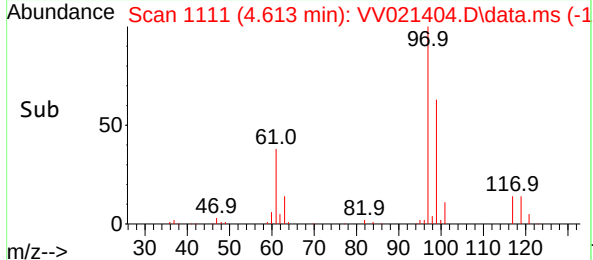
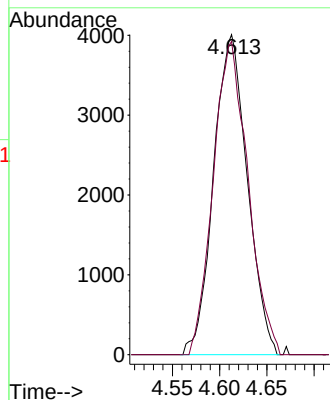
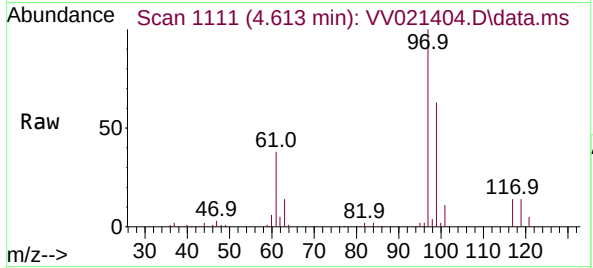




#31
Carbon tetrachloride
Concen: 0.45 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. -0.212 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

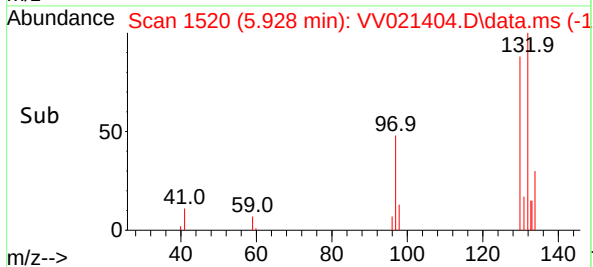
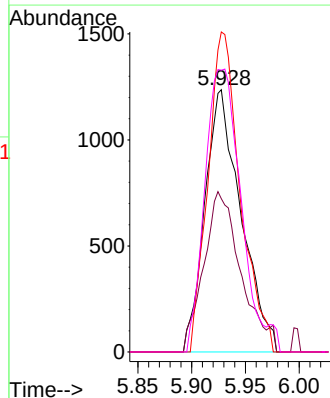
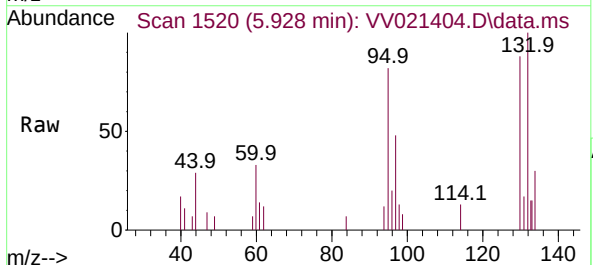
Instrument :
MSVOA_V
ClientSampled :
GB440

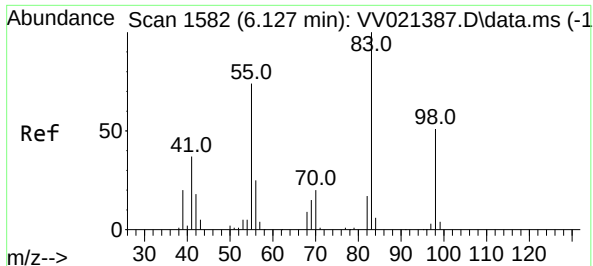
Tgt Ion:117 Resp: 9958
Ion Ratio Lower Upper
117 100
119 100.8 77.0 115.6



#34
Trichloroethene
Concen: 0.18 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.016 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Tgt Ion: 95 Resp: 2891
Ion Ratio Lower Upper
95 100
97 58.4 45.4 84.4
132 122.0 74.5 138.3
130 107.4 77.7 144.3

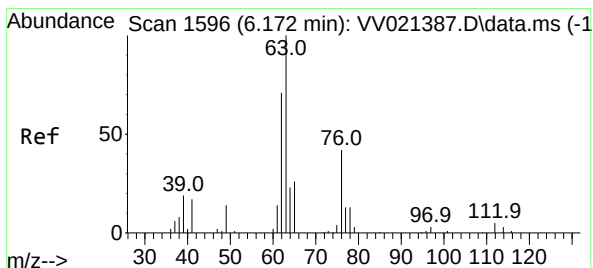
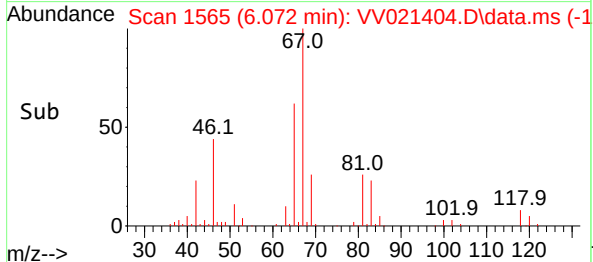
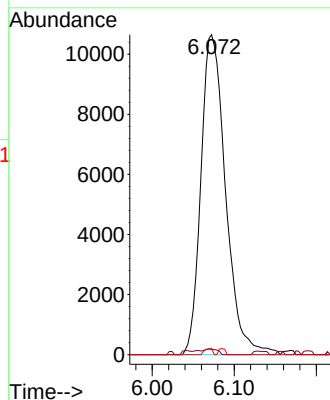
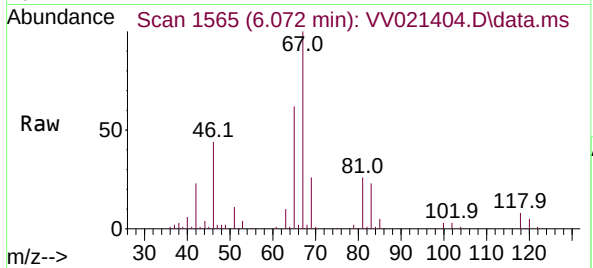




#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

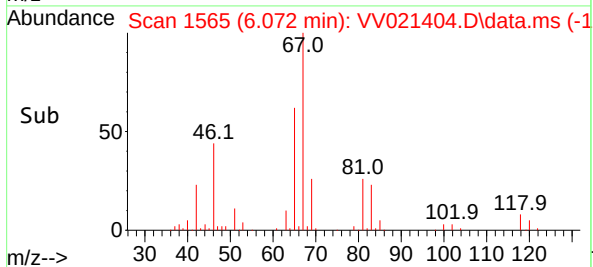
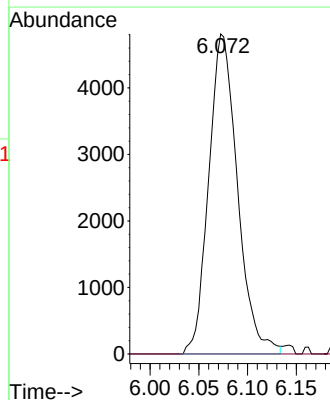
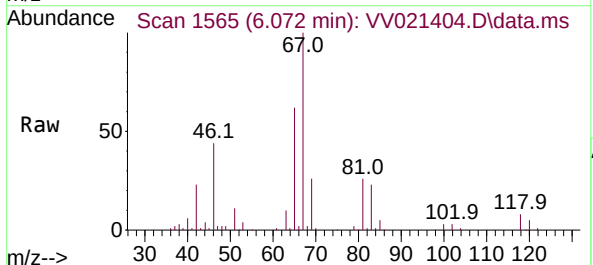
Instrument :
MSVOA_V
ClientSampled :
GB440

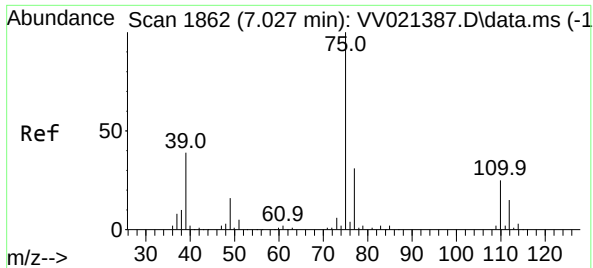
Tgt Ion:	83	Resp:	22314
Ion	Ratio	Lower	Upper
83	100		
55	1.3	57.7	86.5#
98	0.6	40.6	61.0#



#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV021404.D
Acq: 25 May 2021 21:37

Tgt Ion:	63	Resp:	9889
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

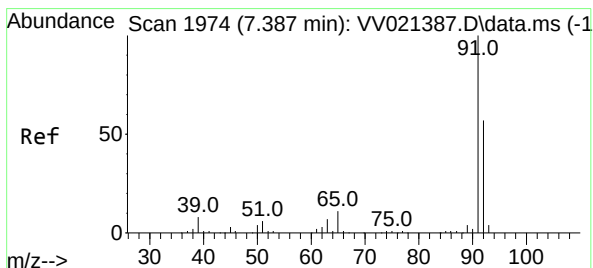
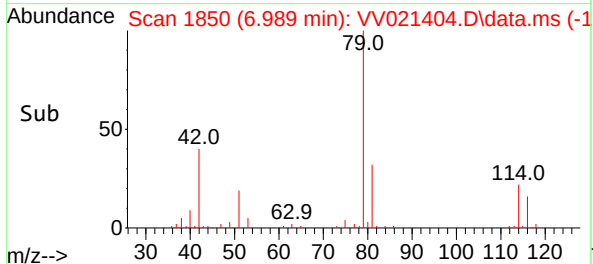
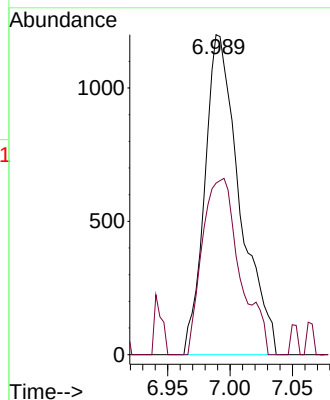
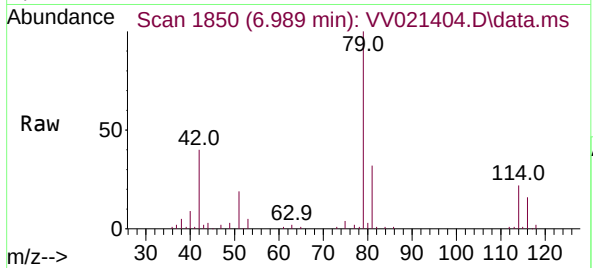




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV021404.D
 Acq: 25 May 2021 21:37

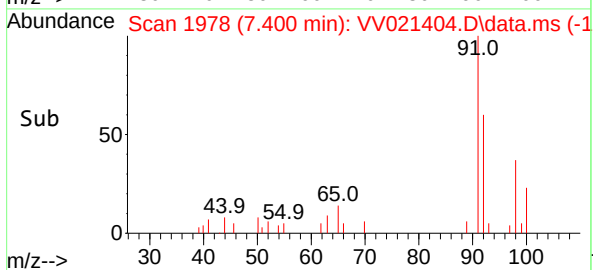
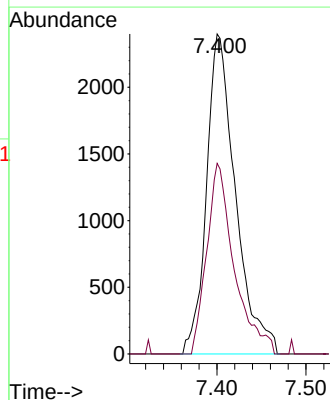
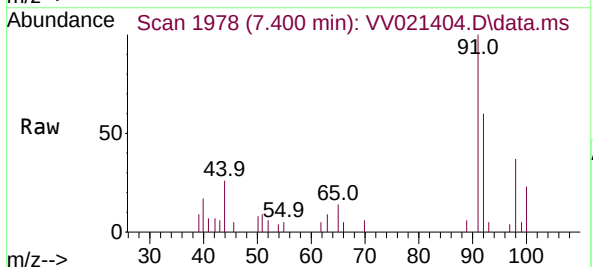
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 ClientSampled :
 GB440

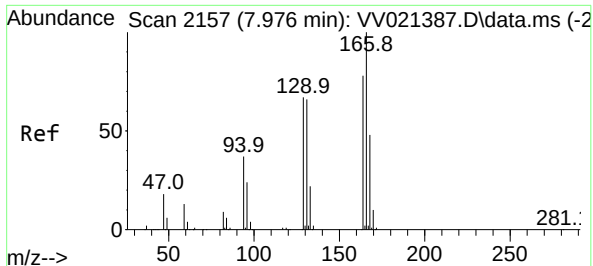
Tgt Ion: 75 Resp: 2347
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.8 42.4#



#42
 Toluene
 Concen: 0.09 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.013 min
 Lab File: VV021404.D
 Acq: 25 May 2021 21:37

Tgt Ion: 91 Resp: 5416
 Ion Ratio Lower Upper
 91 100
 92 59.5 40.9 76.0





#47

Tetrachloroethene

Concen: 9.01 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

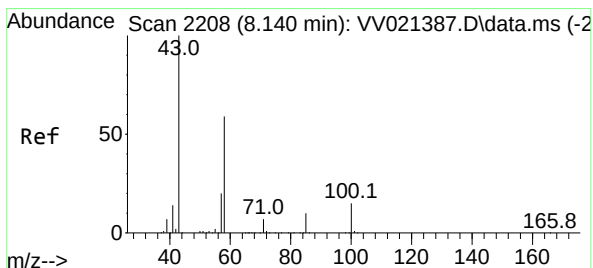
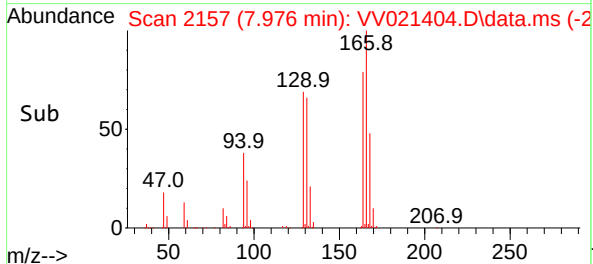
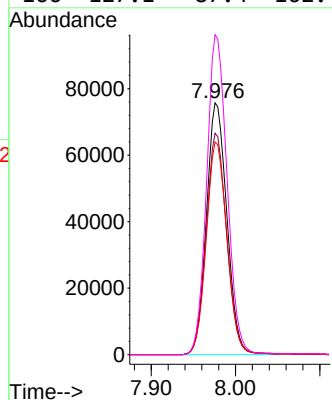
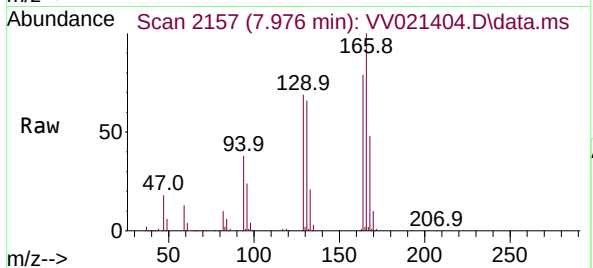
Lab File: VV021404.D

Acq: 25 May 2021 21:37

Instrument :
MSVOA_V
ClientSampled :
GB440

Tgt Ion:164 Resp: 128413

Ion	Ratio	Lower	Upper
164	100		
129	88.0	61.8	114.8
131	84.4	57.8	107.4
166	127.1	87.4	162.4



#48

2-Hexanone

Concen: 3.80 ug/L

RT: 8.092 min Scan# 2193

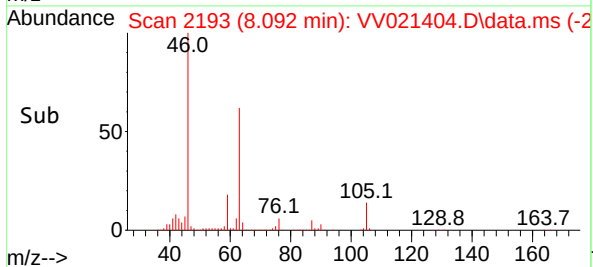
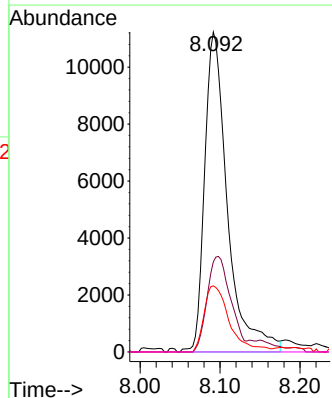
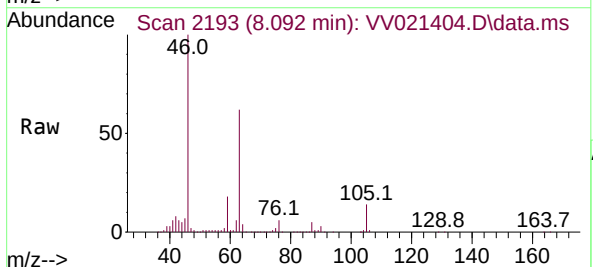
Delta R.T. -0.048 min

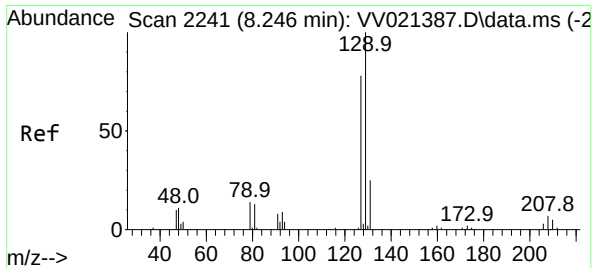
Lab File: VV021404.D

Acq: 25 May 2021 21:37

Tgt Ion: 43 Resp: 22327

Ion	Ratio	Lower	Upper
43	100		
58	30.9	47.0	70.4#
57	23.1	15.4	23.2
100	0.0	11.5	17.3#





#49

Dibromochloromethane

Concen: 7.73 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV021404.D

Acq: 25 May 2021 21:37

Tgt Ion:129 Resp: 109558

Ion Ratio Lower Upper

129 100

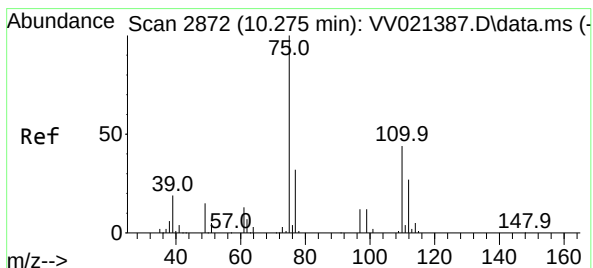
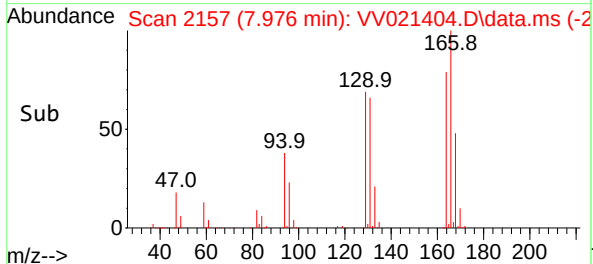
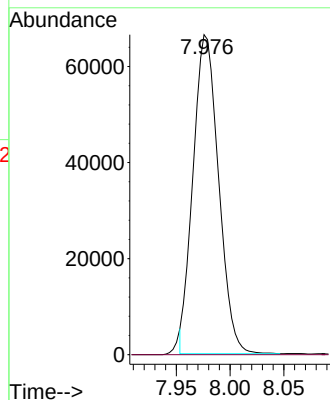
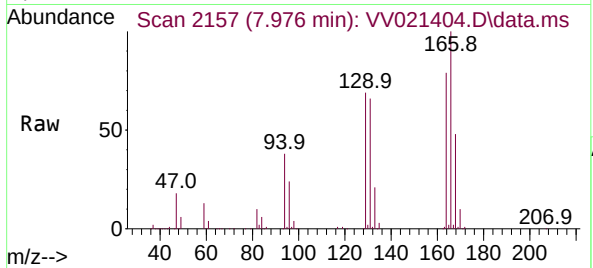
127 0.0 55.4 103.0#

Instrument :

MSVOA_V

ClientSampled :

GB440



#61

1,2,3-Trichloropropane

Concen: 1.35 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV021404.D

Acq: 25 May 2021 21:37

Tgt Ion: 75 Resp: 11237

Ion Ratio Lower Upper

75 100

77 36.5 27.3 40.9

110 3.0 34.2 51.2#

