

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052521\
 Data File : VV021408.D
 Acq On : 25 May 2021 23:13
 Operator : SY/MD
 Sample : M2496-18
 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)

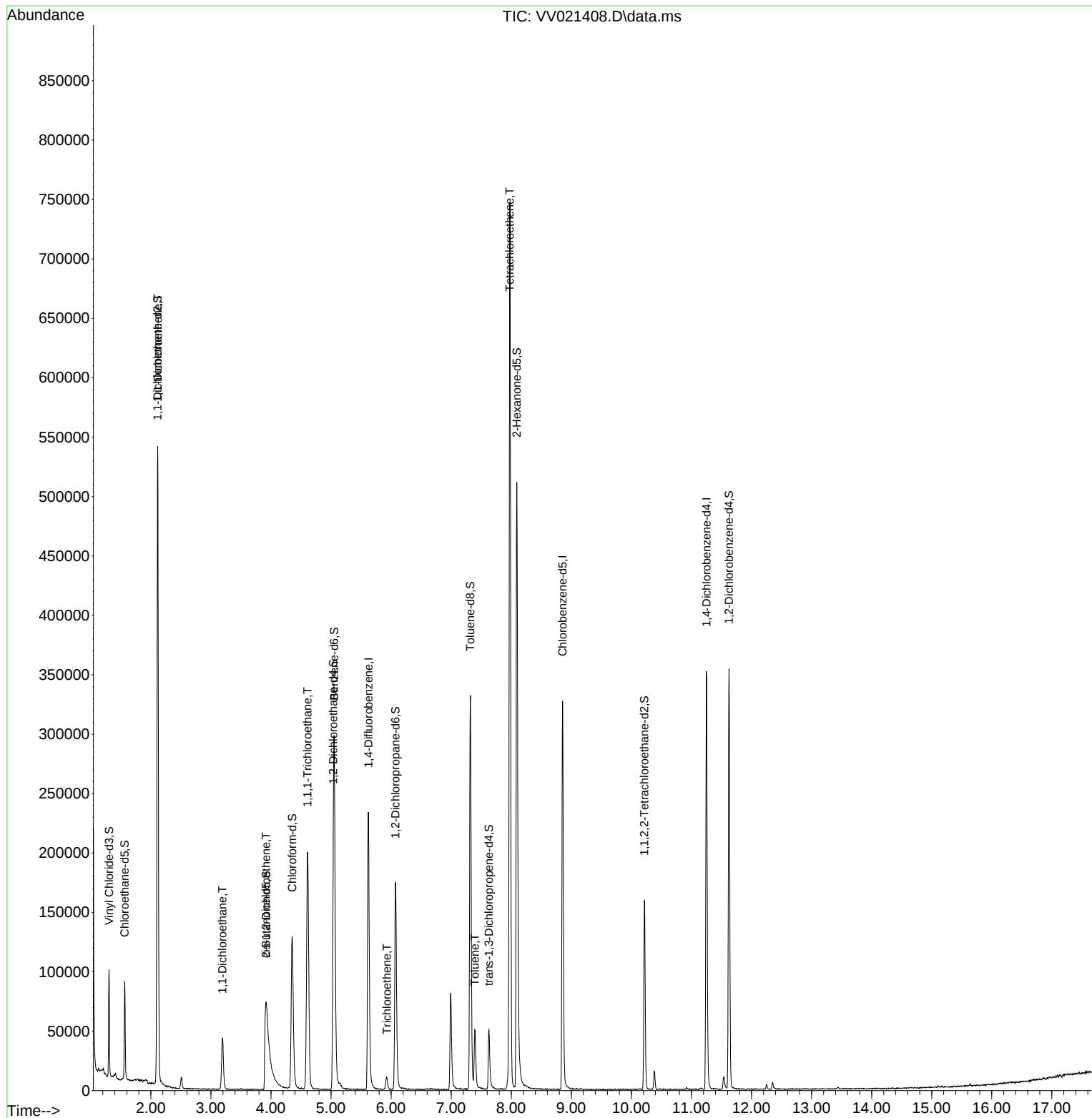
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	222213	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	196662	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102784	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55680	5.92	ug/L	0.00
Spiked Amount	5.000	Range	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
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
29) 1,1,1-Trichloroethane	4.609	97	167582	7.59	ug/L	97
34) Trichloroethene	5.931	95	3533	0.25	ug/L	92
42) Toluene	7.394	91	40271	0.71	ug/L	100
47) Tetrachloroethene	7.976	164	180646	14.06	ug/L	97

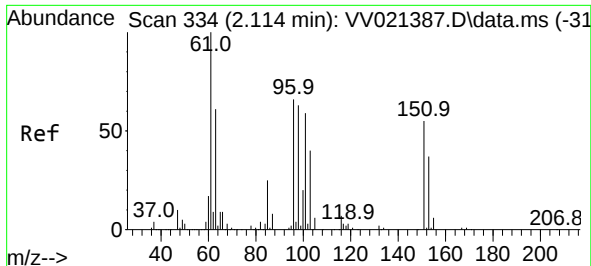
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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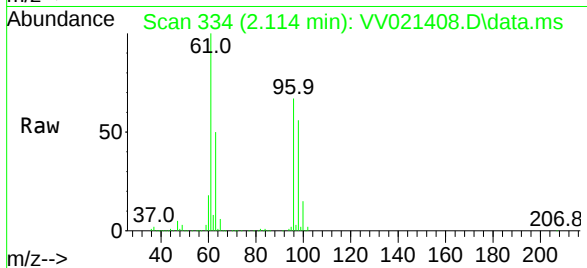
Quant Time: May 26 07:55:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration



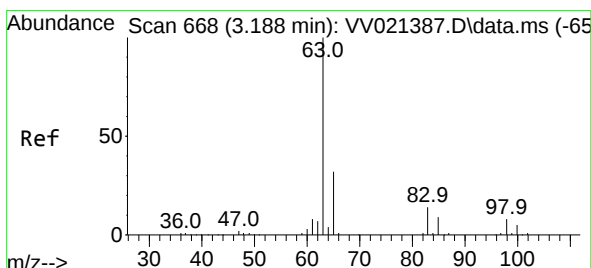
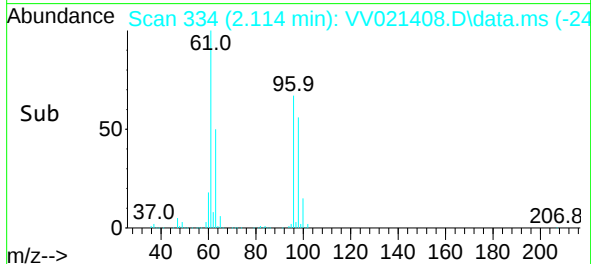
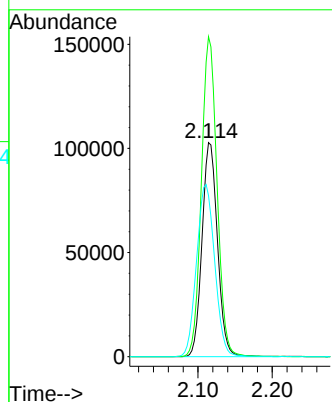


#12
1,1-Dichloroethene
Concen: 13.46 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021408.D
Acq: 25 May 2021 23:13

Instrument :
MSVOA_V
ClientSampleId :
GB458

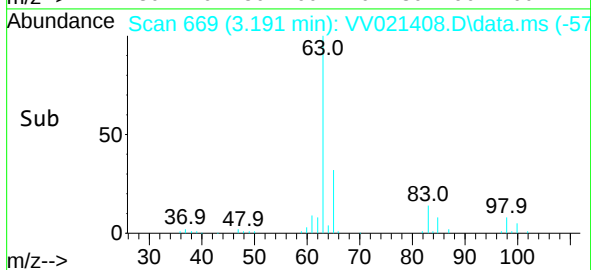
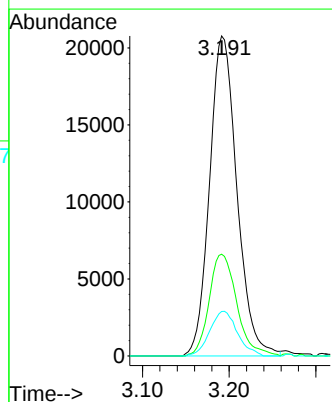
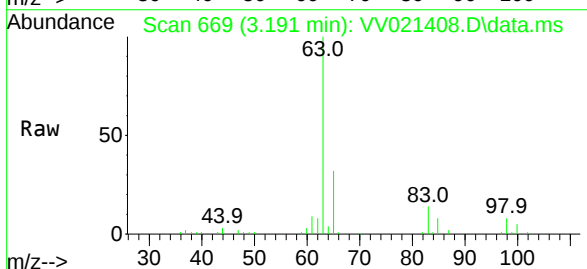


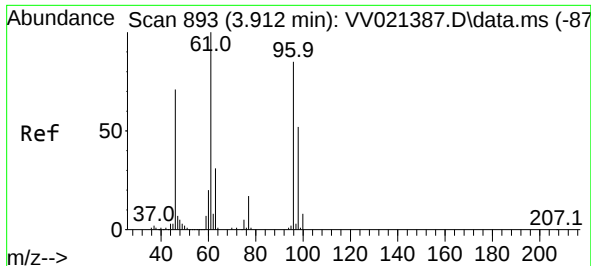
Tgt Ion: 96 Resp: 148452
Ion Ratio Lower Upper
96 100
61 149.5 103.7 192.5
63 75.3 62.4 115.8



#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

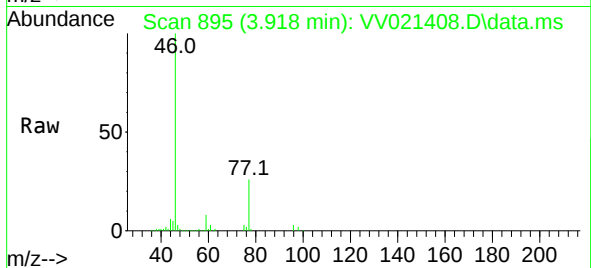
Tgt Ion: 63 Resp: 45656
Ion Ratio Lower Upper
63 100
65 31.8 23.2 43.2
83 13.9 9.4 17.4



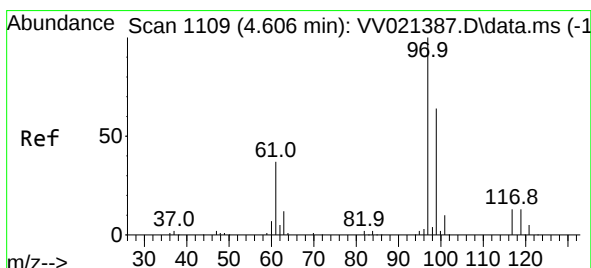
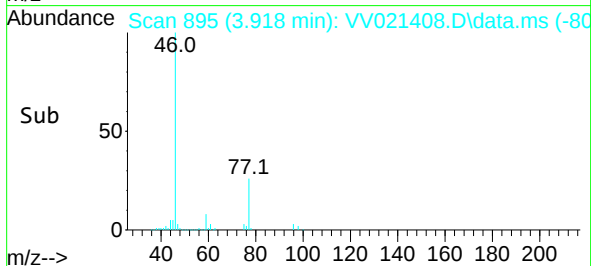
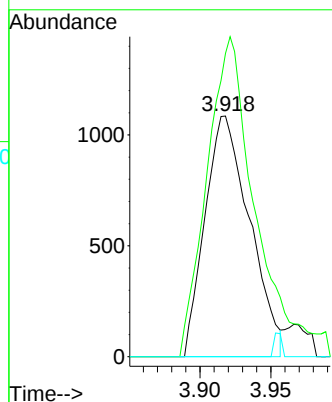


#22
 cis-1,2-Dichloroethene
 Concen: 0.16 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.006 min
 Lab File: VV021408.D
 Acq: 25 May 2021 23:13

Instrument :
 MSVOA_V
 ClientSampled :
 GB458

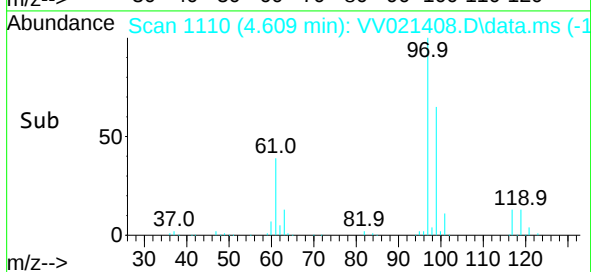
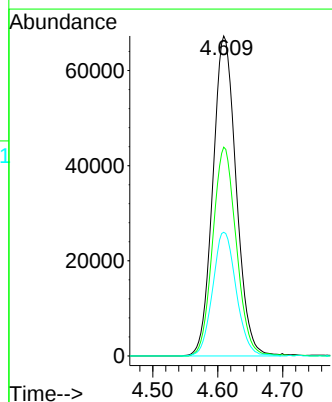
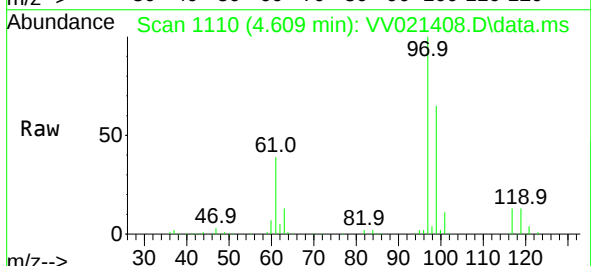


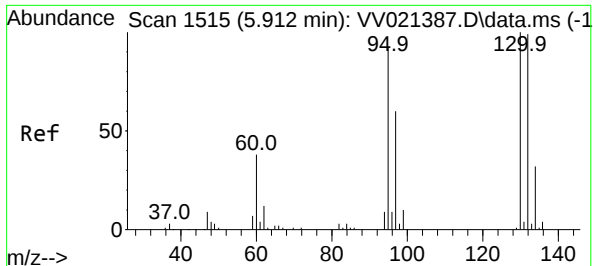
Tgt Ion:	96	Resp:	2377
Ion	Ratio	Lower	Upper
96	100		
61	126.0	81.9	152.1
68	0.0	0.0	0.0



#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





#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

Tgt Ion: 95 Resp: 3533

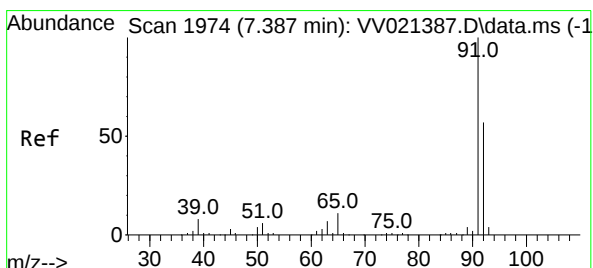
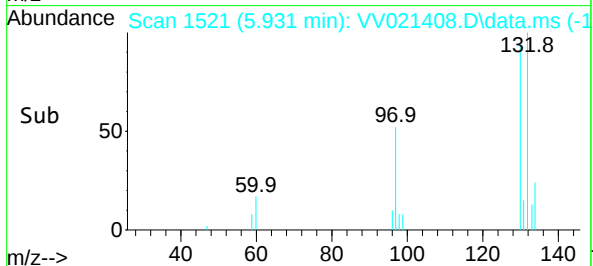
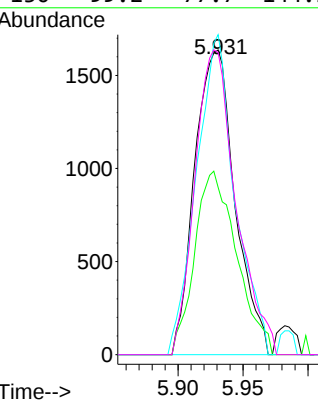
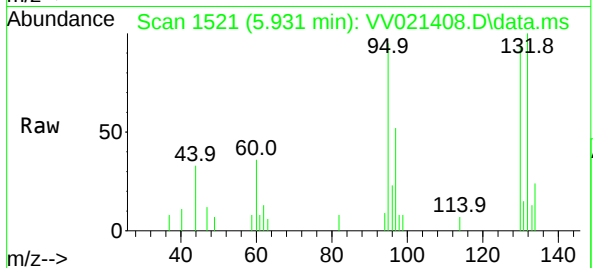
Ion Ratio Lower Upper

95 100

97 54.9 45.4 84.4

132 105.0 74.5 138.3

130 99.2 77.7 144.3



#42

Toluene

Concen: 0.71 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV021408.D

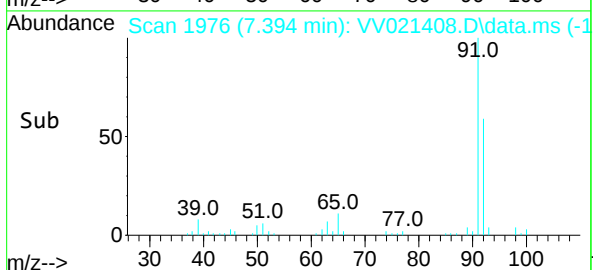
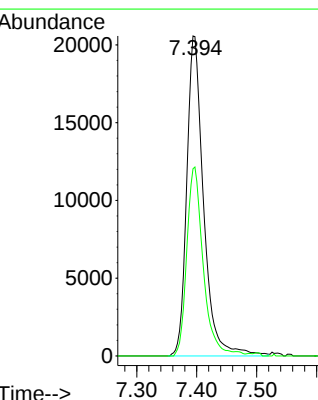
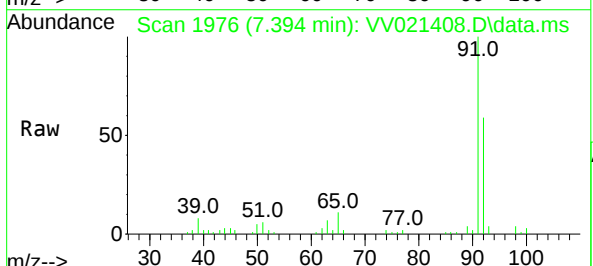
Acq: 25 May 2021 23:13

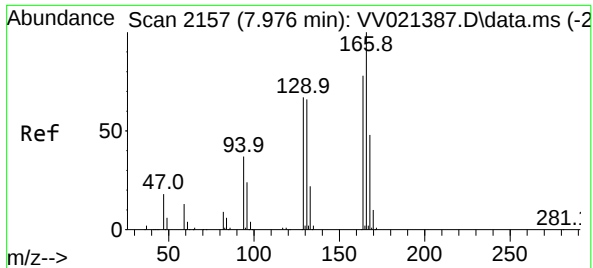
Tgt Ion: 91 Resp: 40271

Ion Ratio Lower Upper

91 100

92 58.5 40.9 76.0





#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

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MSVOA_V
ClientSampleId :
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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

