

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021464.D
 Acq On : 01 Jun 2021 16:58
 Operator : SY/MD
 Sample : M2568-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 00:51:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 02 00:49:39 2021
 Response via : Initial Calibration

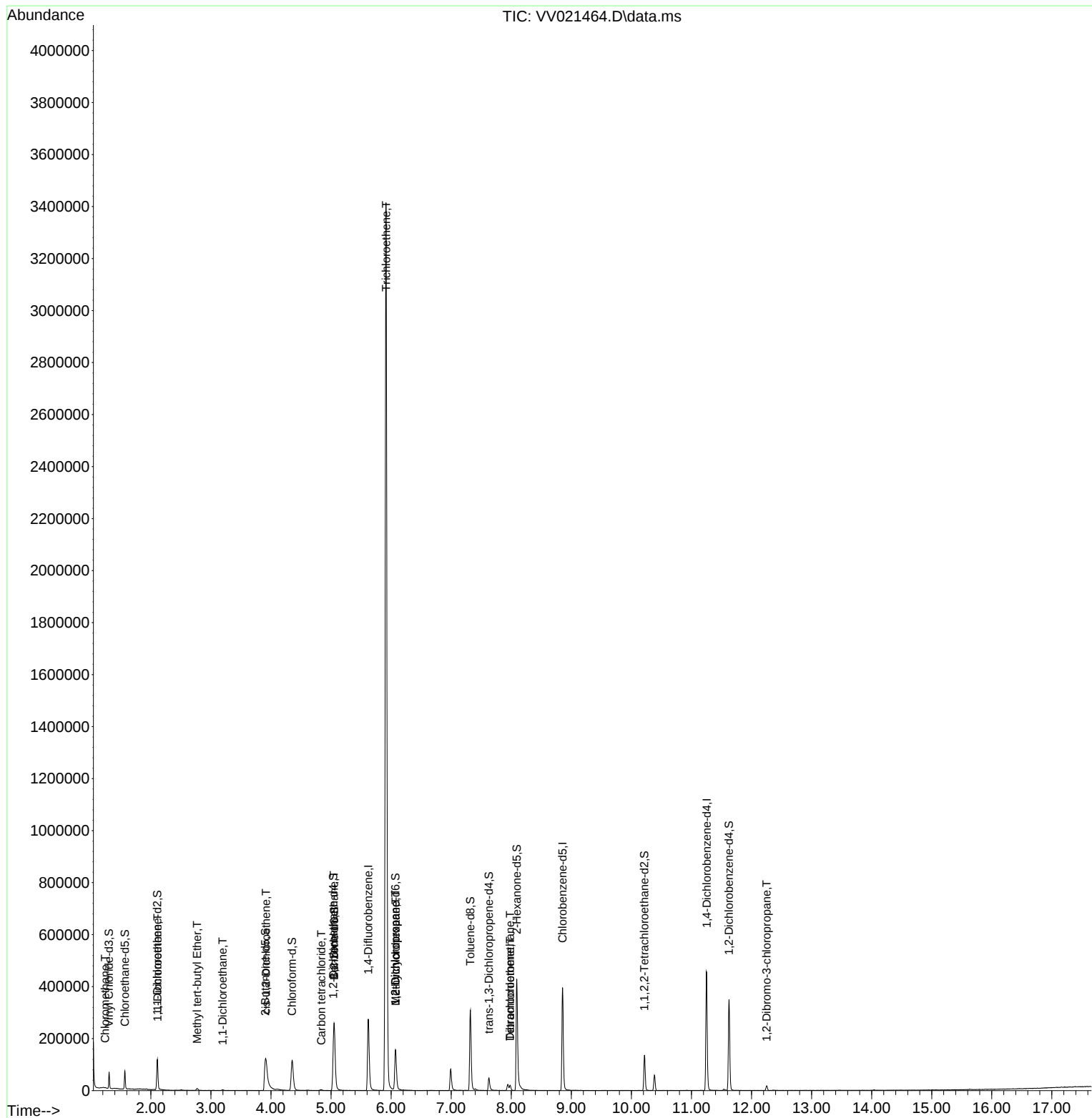
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	258917	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	240963	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	134164	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38640	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.568	69	42716	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.108	63	57565	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	3.905	46	195163	49.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	4.352	84	125164	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.037	65	62123	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.053	84	239340	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.072	67	79878	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.320	98	213601	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloroprop...	7.628	79	31300	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.091	63	168228	45.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.32%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65596	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	102593	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%
Target Compounds						
3) Chloromethane	1.240	50	767	0.05	ug/L	98
12) 1,1-Dichloroethene	2.114	96	2026	0.16	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	6703	0.18	ug/L #	90
19) 1,1-Dichloroethane	3.194	63	3299	0.12	ug/L #	94
22) cis-1,2-Dichloroethene	3.915	96	30125	1.73	ug/L	96
27) 1,2-Dichloroethane	5.050	62	1166	0.07	ug/L #	72
31) Carbon tetrachloride	4.837	117	2517	0.10	ug/L	86
34) Trichloroethene	5.915	95	1184502	68.58	ug/L	100
35) Methylcyclohexane	6.075	83	19426	0.68	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8466	0.54	ug/L #	85
47) Tetrachloroethene	7.982	164	5110	0.32	ug/L	95
49) Dibromochloromethane	7.982	129	4540	0.29	ug/L #	10
68) 1,2-Dibromo-3-chloropr...	12.249	75	541	0.23	ug/L #	1

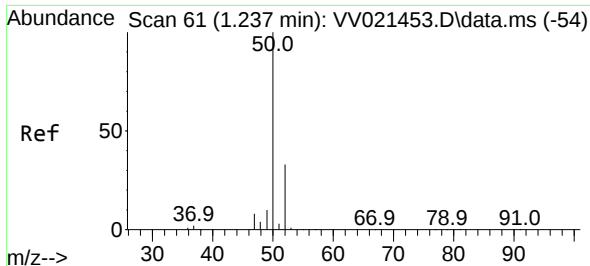
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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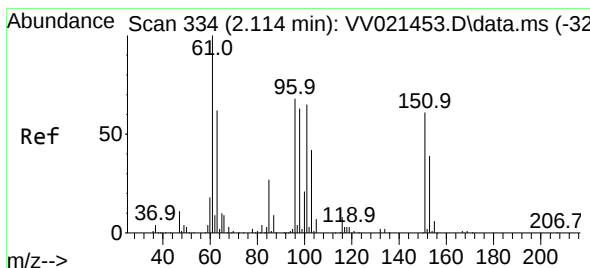
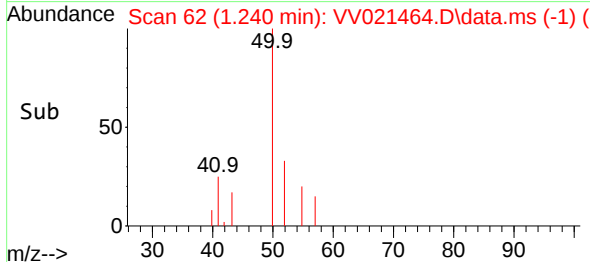
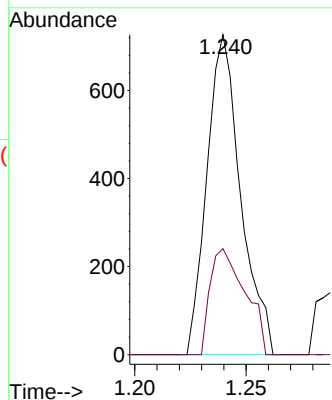
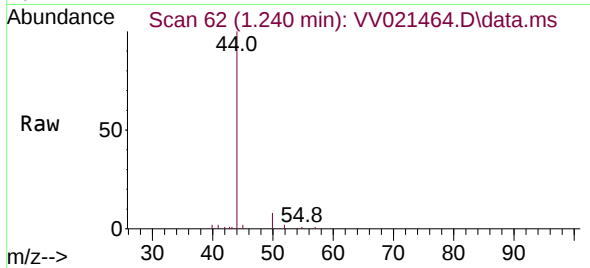




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

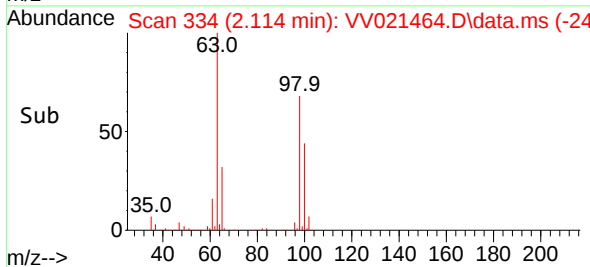
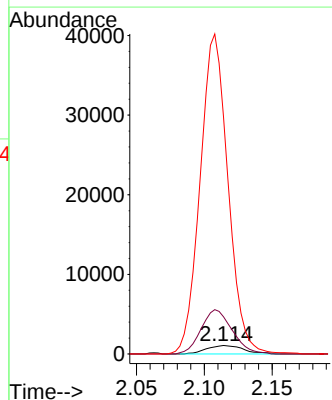
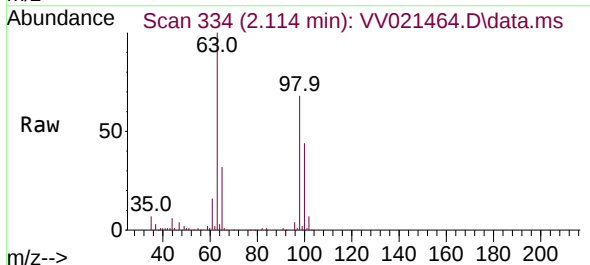
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MSVOA_V
ClientSampled :

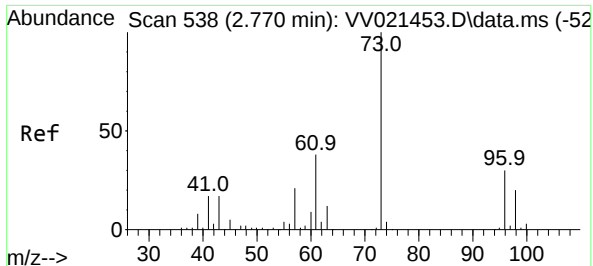
Tgt Ion: 50 Resp: 767
Ion Ratio Lower Upper
50 100
52 33.1 22.6 42.0



#12
1,1-Dichloroethene
Concen: 0.16 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

Tgt Ion: 96 Resp: 2026
Ion Ratio Lower Upper
96 100
61 441.0 103.7 192.5#
63 2810.2 62.4 115.8#

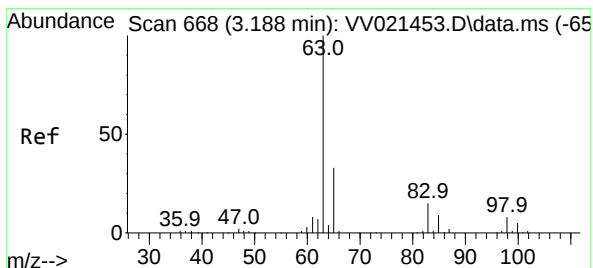
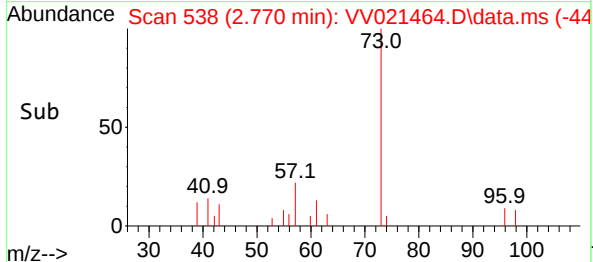
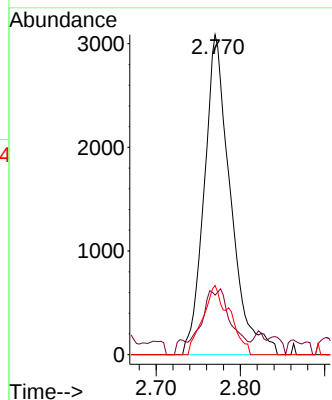
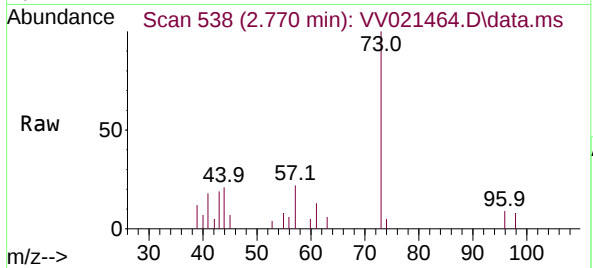




#17
Methyl tert-butyl Ether
Concen: 0.18 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

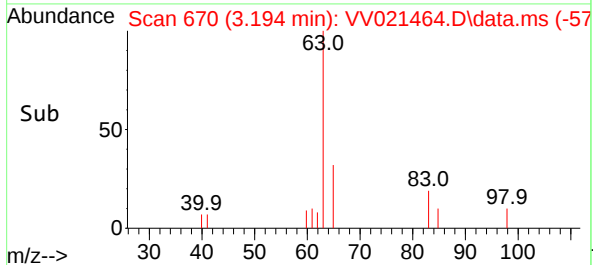
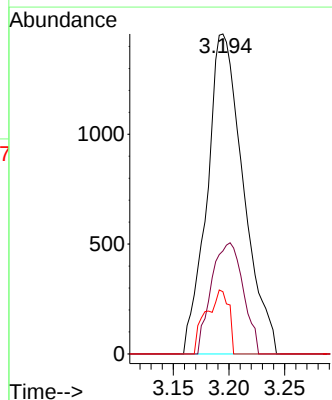
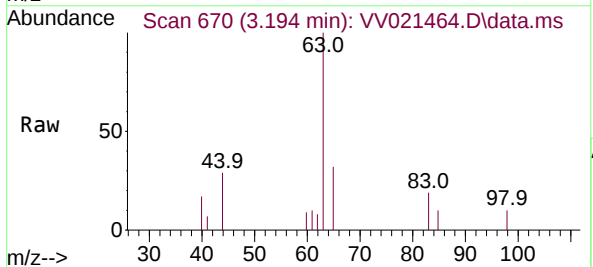
Instrument :
MSVOA_V
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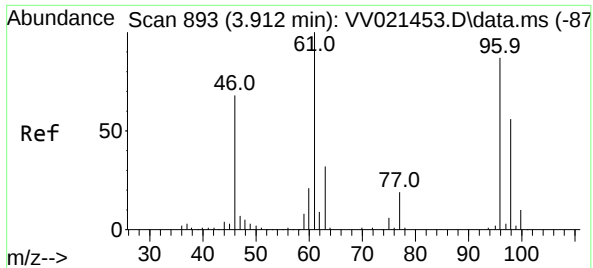
Tgt Ion:	73	Resp:	6703
Ion	Ratio	Lower	Upper
73	100		
43	7.6	13.4	20.2#
57	22.0	17.8	26.8



#19
1,1-Dichloroethane
Concen: 0.12 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

Tgt Ion:	63	Resp:	3299
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.2	43.2
83	19.4	9.4	17.4#

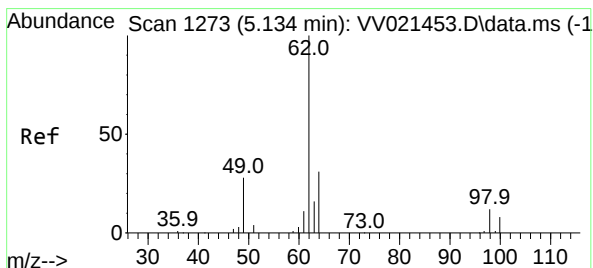
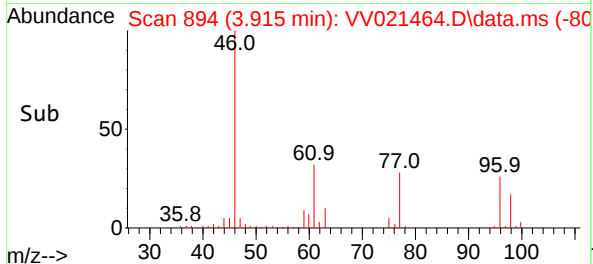
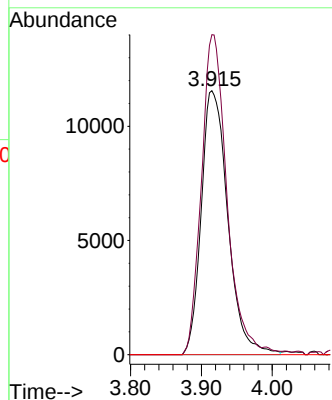
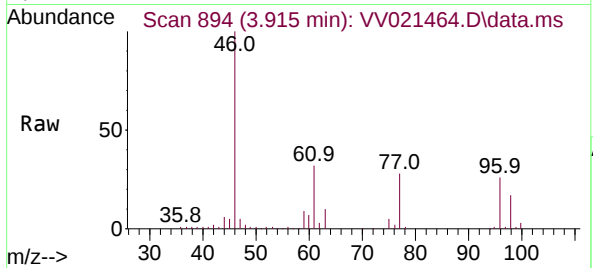




#22
cis-1,2-Dichloroethene
Concen: 1.73 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

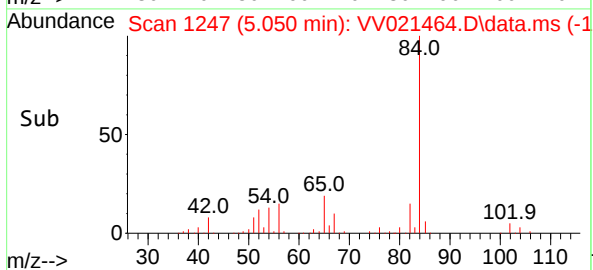
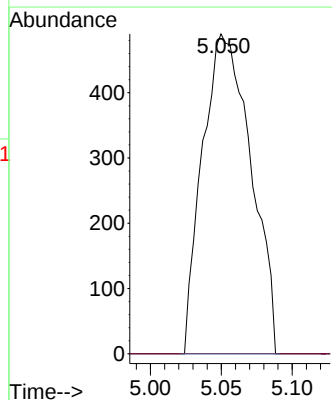
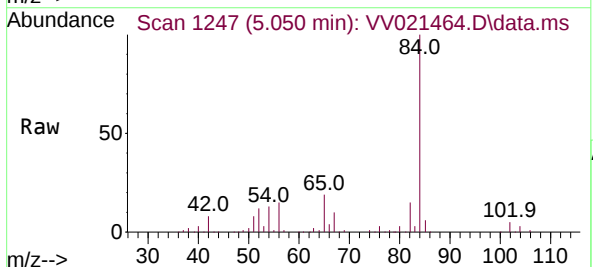
Instrument :
MSVOA_V
ClientSampled :

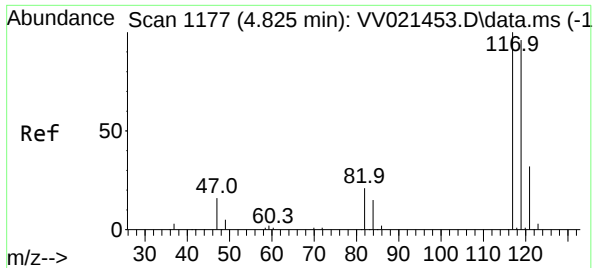
Tgt Ion: 96 Resp: 30125
Ion Ratio Lower Upper
96 100
61 121.2 81.9 152.1
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.084 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

Tgt Ion: 62 Resp: 1166
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

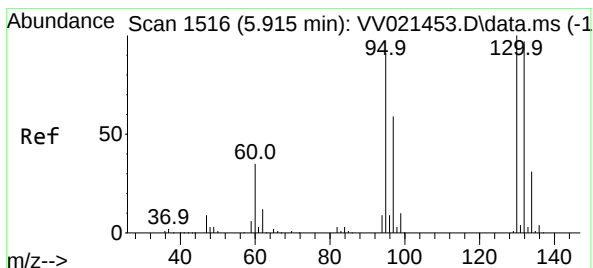
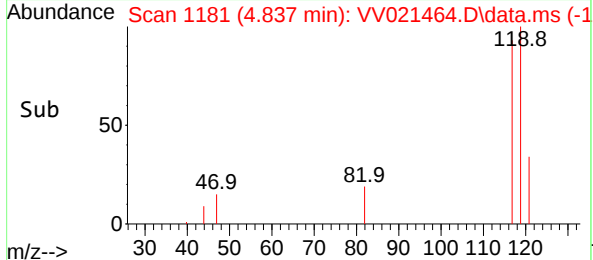
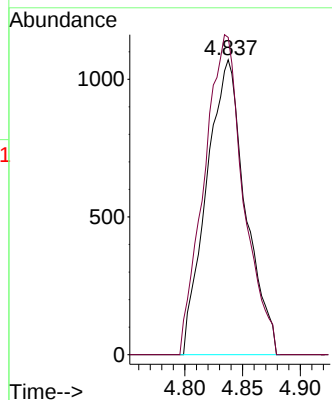
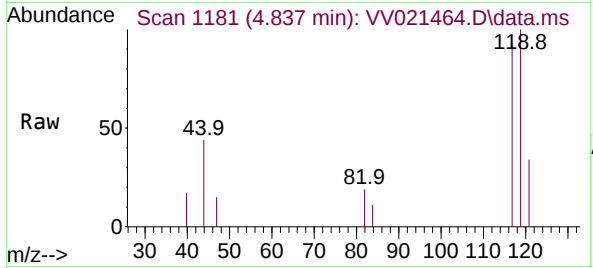




#31
Carbon tetrachloride
Concen: 0.10 ug/L
RT: 4.837 min Scan# 1181
Delta R.T. 0.013 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

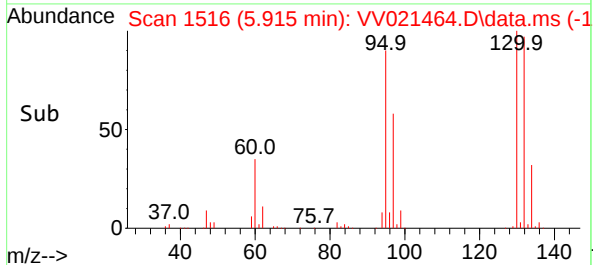
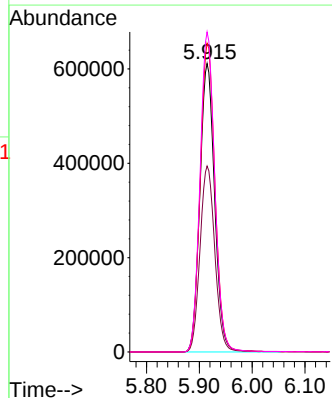
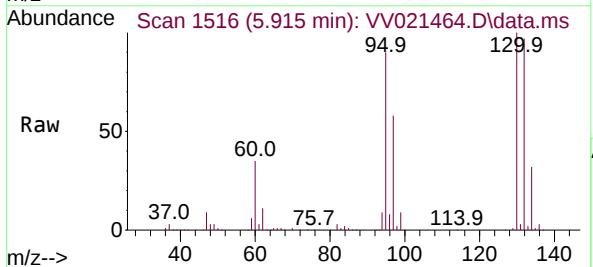
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ClientSampled :

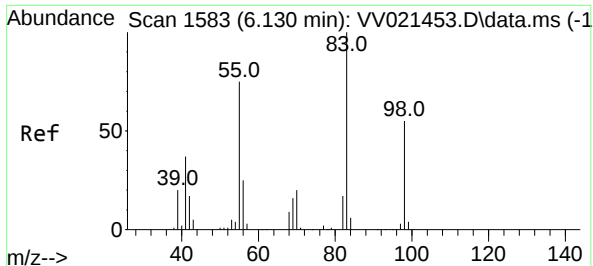
Tgt Ion:117 Resp: 2517
Ion Ratio Lower Upper
117 100
119 109.6 77.0 115.6



#34
Trichloroethene
Concen: 68.58 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

Tgt Ion: 95 Resp: 1184502
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.4
132 107.0 74.5 138.3
130 110.9 77.7 144.3

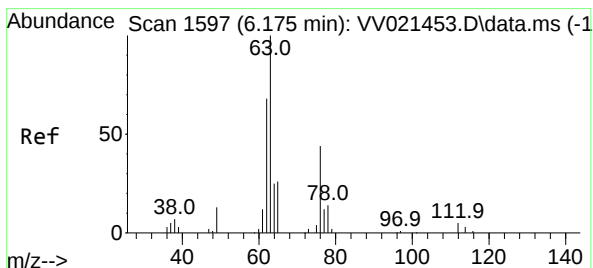
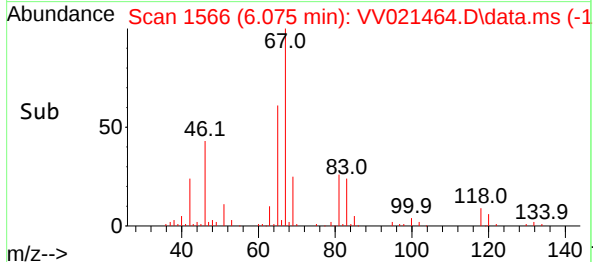
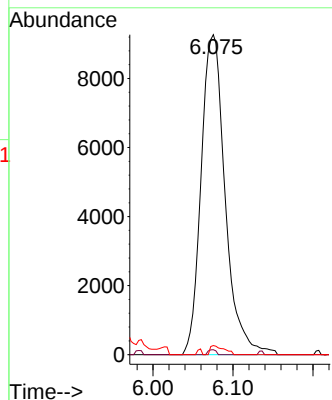
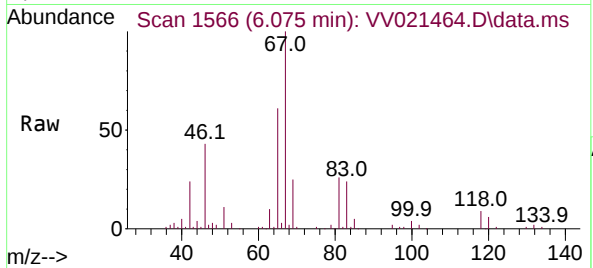




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

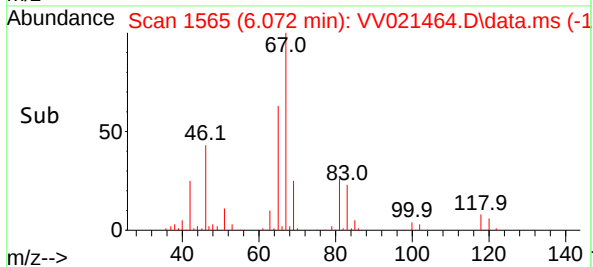
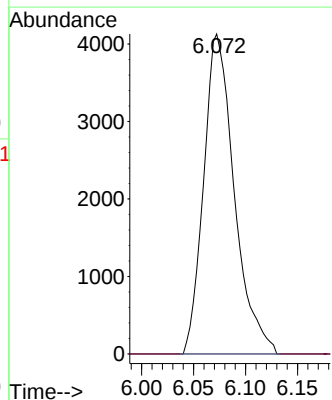
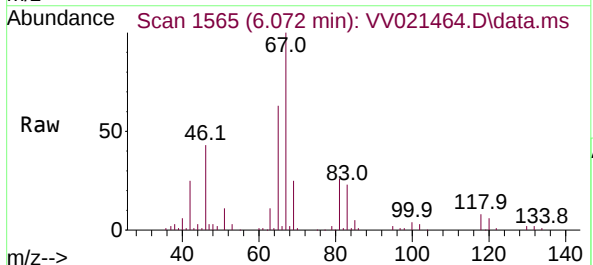
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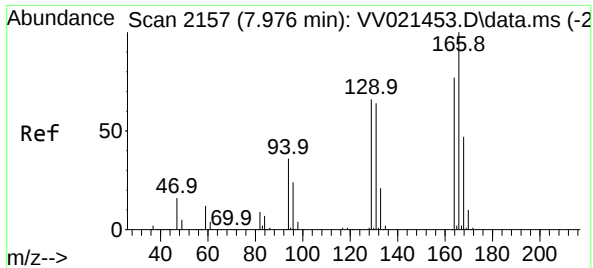
Tgt Ion: 83 Resp: 19426
Ion Ratio Lower Upper
83 100
55 0.5 57.7 86.5#
98 0.0 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

Tgt Ion: 63 Resp: 8466
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

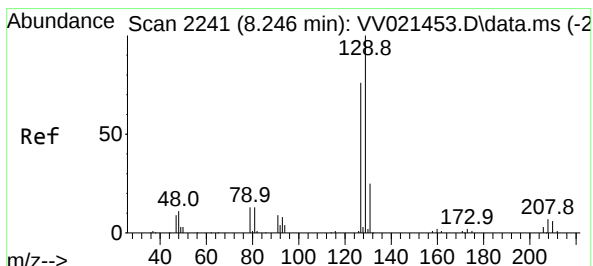
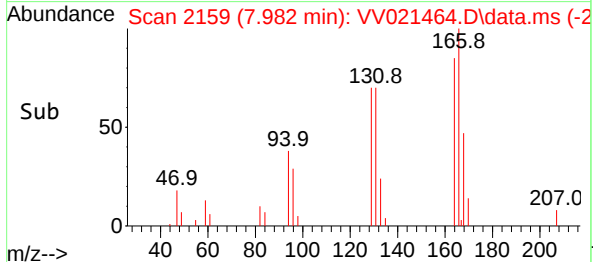
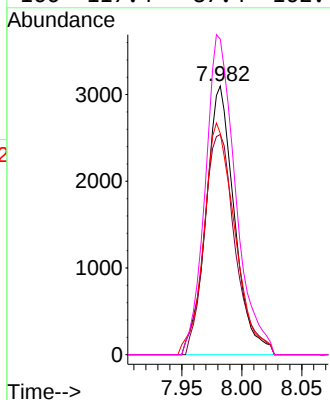
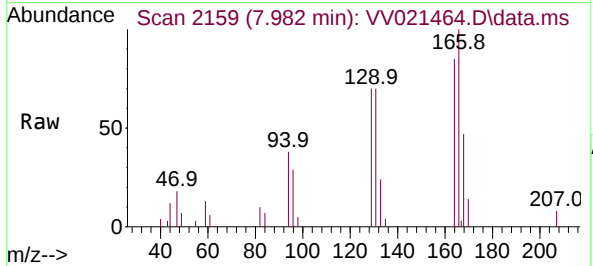




#47
Tetrachloroethene
Concen: 0.32 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

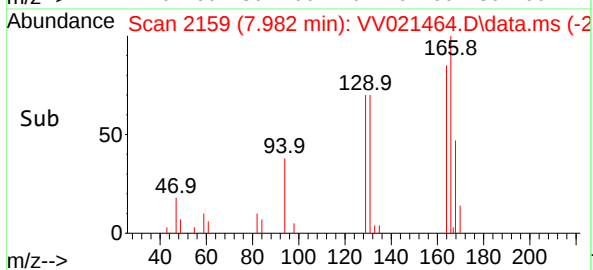
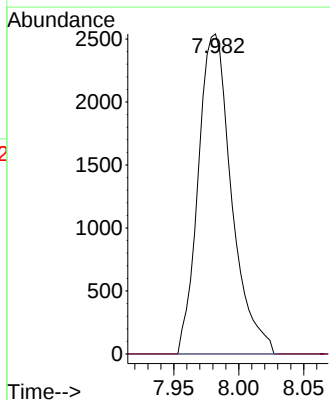
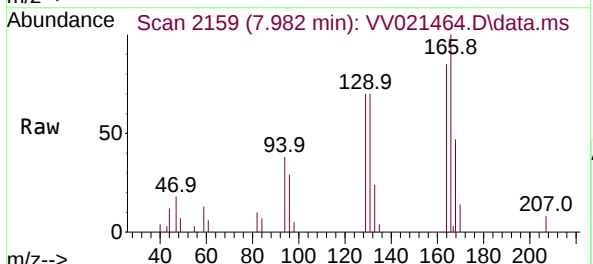
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MSVOA_V
ClientSampled :

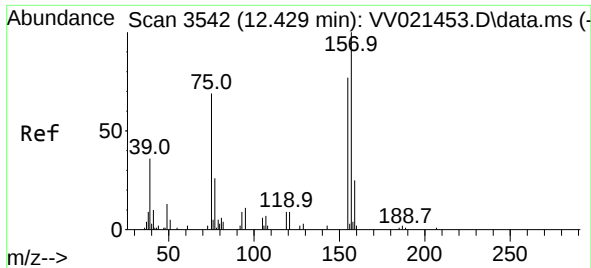
Tgt Ion:164	Resp:	5110
Ion Ratio	Lower	Upper
164	100	
129	82.0	61.8 114.8
131	82.4	57.8 107.4
166	117.4	87.4 162.4



#49
Dibromochloromethane
Concen: 0.29 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

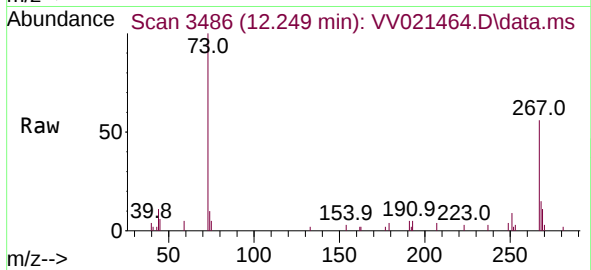
Tgt Ion:129	Resp:	4540
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.4 103.0#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.23 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.180 min
 Lab File: VV021464.D
 Acq: 01 Jun 2021 16:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 541
 Ion Ratio Lower Upper
 75 100
 155 0.0 87.2 130.8#
 157 0.0 106.1 159.1#

