

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023258.D
 Acq On : 06 Nov 2021 01:44
 Operator : SY/MD
 Sample : M4535-23
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4603

Quant Time: Nov 09 04:30:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

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

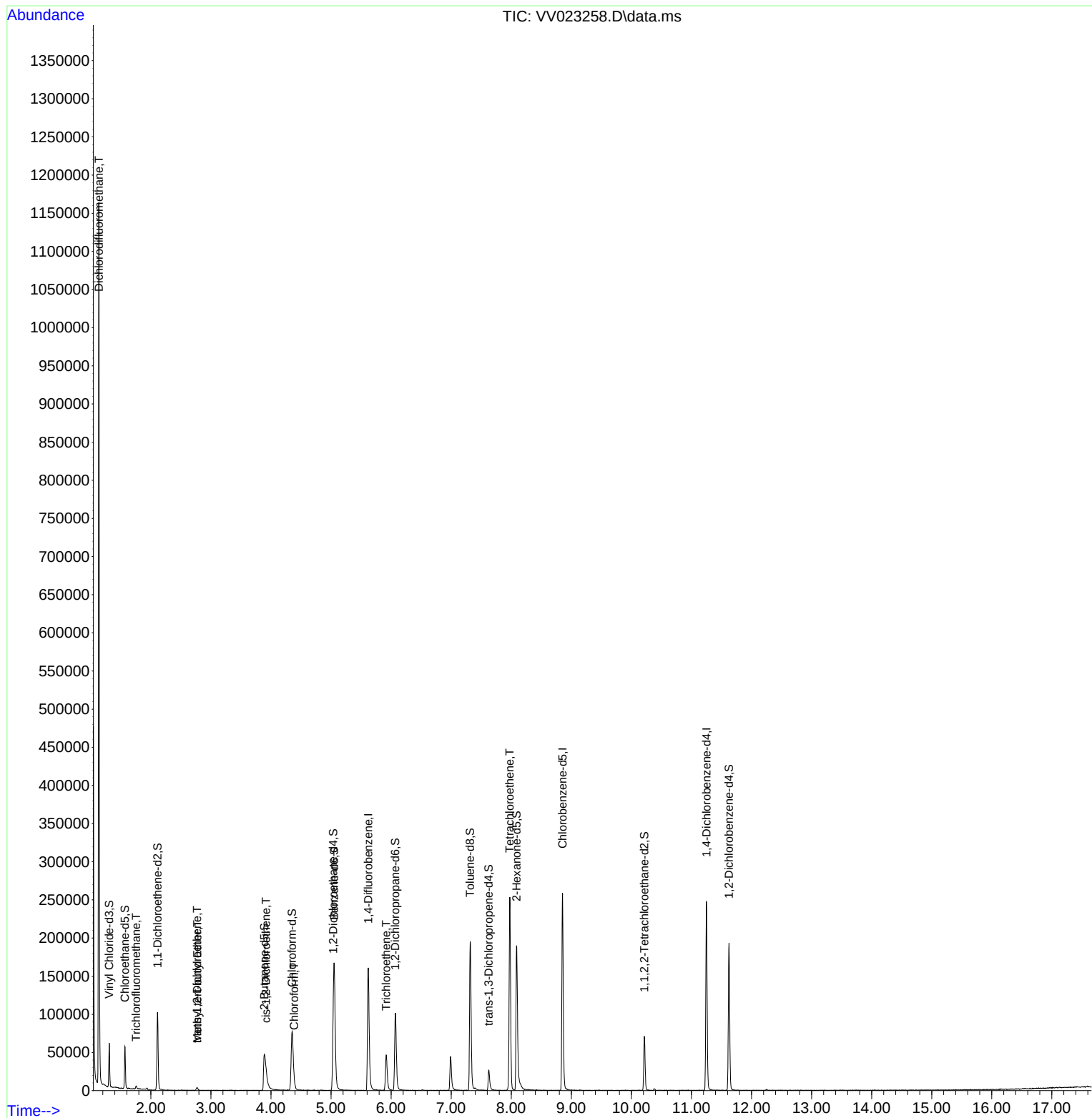
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139968	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	142707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65109	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35428	4.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.568	69	32578	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.111	63	52341	3.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.889	46	87109	57.663	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.320%
24) Chloroform-d	4.352	84	81948	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.037	65	38298	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.053	84	154754	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.069	67	50496	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.317	98	131423	3.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.625	79	16319	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.088	63	63879	42.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32819	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	49829	4.596	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	15062	1.104	ug/L	99
9) Trichlorofluoromethane	1.754	101	1938	0.111	ug/L	86
17) Methyl tert-butyl Ether	2.773	73	947	0.052	ug/L #	79
18) trans-1,2-Dichloroethene	2.770	96	1347	0.131	ug/L	81
22) cis-1,2-Dichloroethene	3.918	96	4179	0.423	ug/L #	80
25) Chloroform	4.384	83	6388	0.346	ug/L	95
34) Trichloroethene	5.918	95	16694	1.574	ug/L	98
47) Tetrachloroethene	7.976	164	56674	6.165	ug/L	97

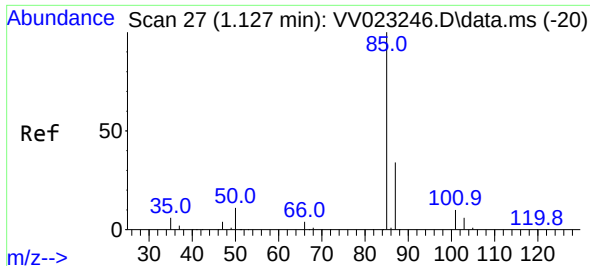
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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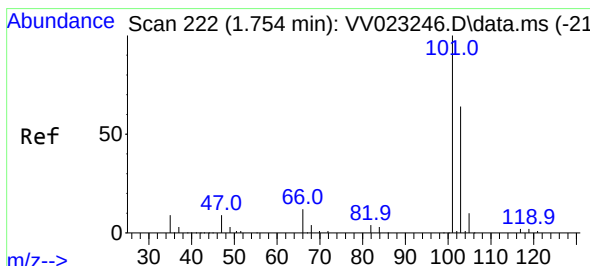
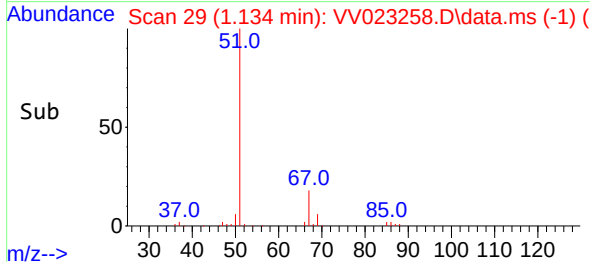
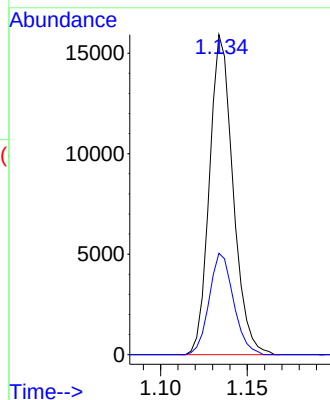
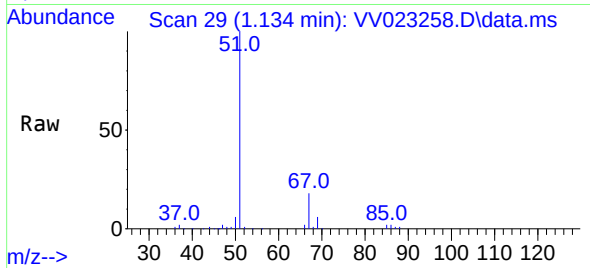




#2
Dichlorodifluoromethane
Concen: 1.104 ug/L
RT: 1.134 min Scan# 29
Delta R.T. 0.006 min
Lab File: VV023258.D
Acq: 06 Nov 2021 01:44

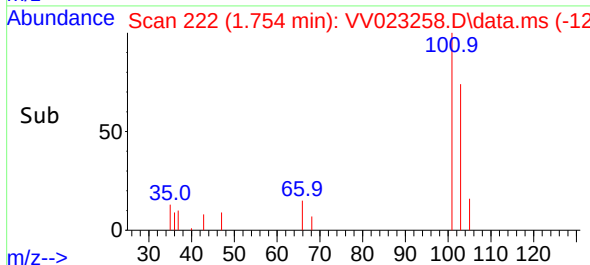
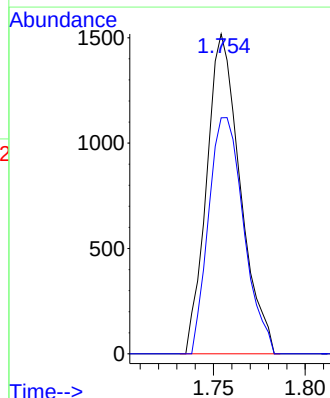
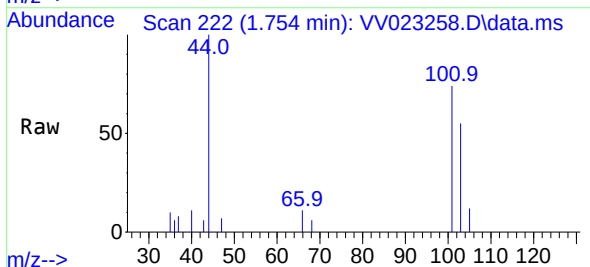
Instrument :
MSVOA_V
ClientSampleId :
H4603

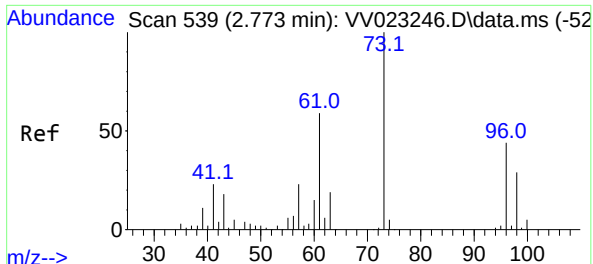
Tgt Ion: 85 Resp: 15062
Ion Ratio Lower Upper
85 100
87 32.7 26.6 39.8



#9
Trichlorofluoromethane
Concen: 0.111 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023258.D
Acq: 06 Nov 2021 01:44

Tgt Ion: 101 Resp: 1938
Ion Ratio Lower Upper
101 100
103 77.2 52.6 79.0





#17

Methyl tert-butyl Ether

Concen: 0.052 ug/L

RT: 2.773 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV023258.D

Acq: 06 Nov 2021 01:44

Instrument :

MSVOA_V

ClientSampleId :

H4603

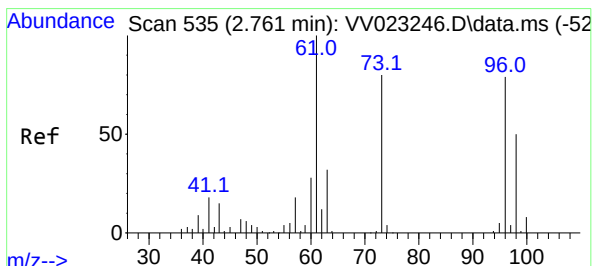
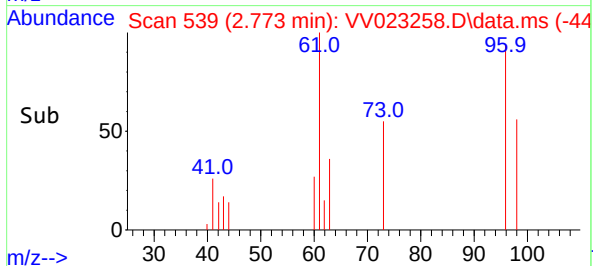
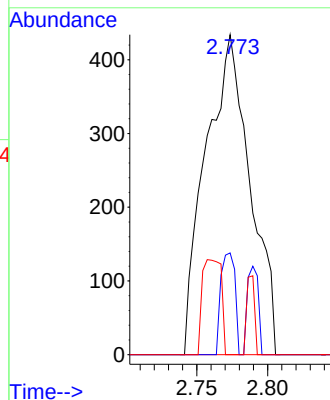
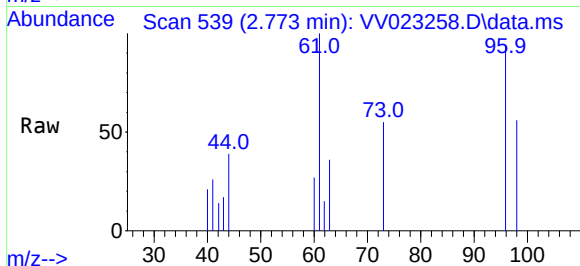
Tgt Ion: 73 Resp: 947

Ion Ratio Lower Upper

73 100

43 10.1 17.4 26.0#

57 12.7 16.5 24.7#



#18

trans-1,2-Dichloroethene

Concen: 0.131 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.010 min

Lab File: VV023258.D

Acq: 06 Nov 2021 01:44

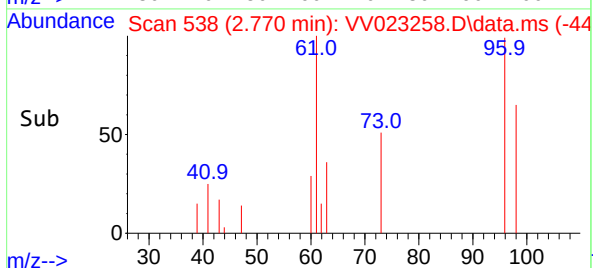
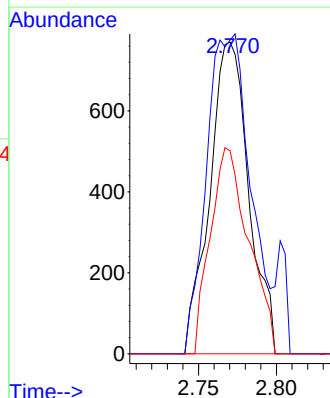
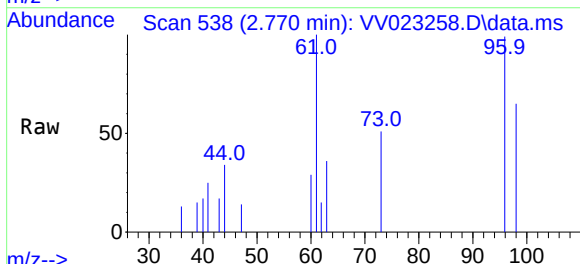
Tgt Ion: 96 Resp: 1347

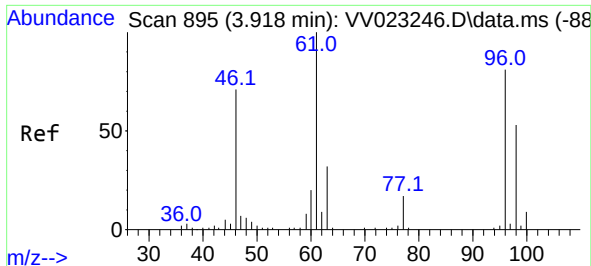
Ion Ratio Lower Upper

96 100

61 100.6 93.2 173.2

98 65.1 47.0 87.2

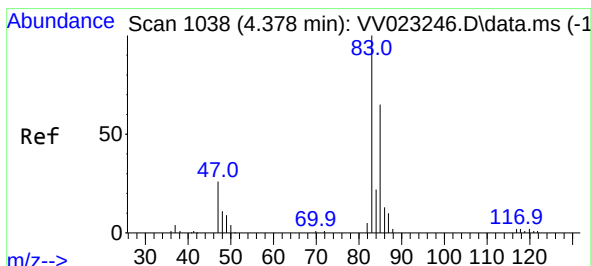
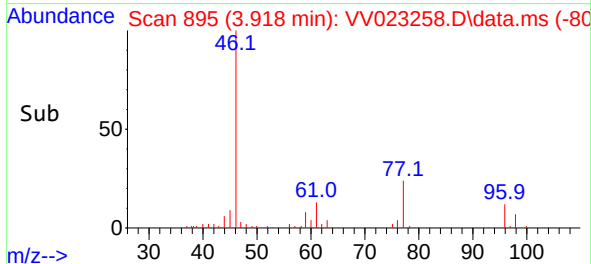
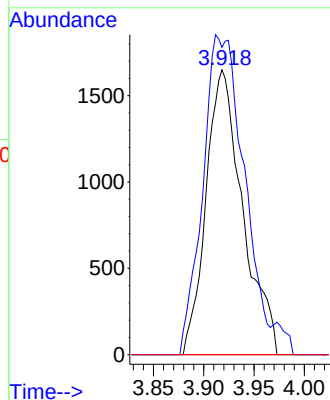
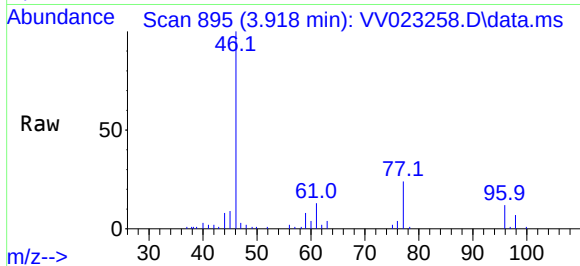




#22
cis-1,2-Dichloroethene
Concen: 0.423 ug/L
RT: 3.918 min Scan# 895
Delta R.T. -0.000 min
Lab File: VV023258.D
Acq: 06 Nov 2021 01:44

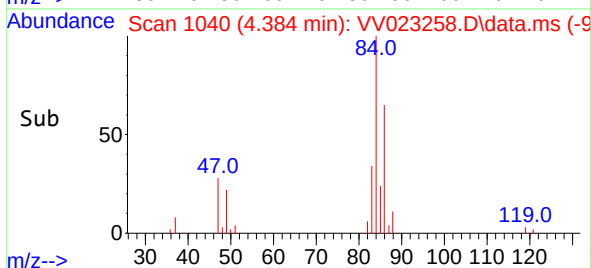
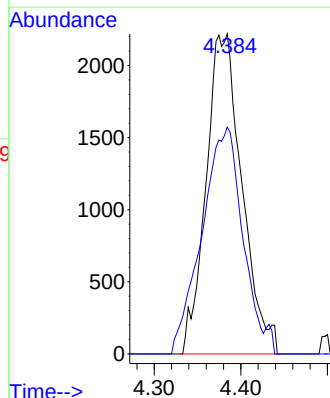
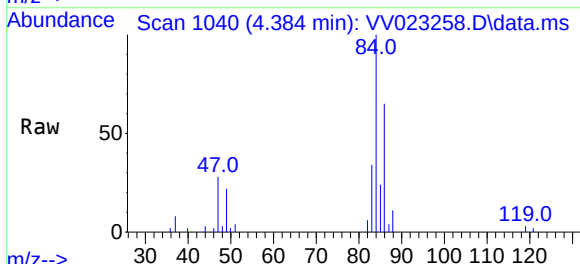
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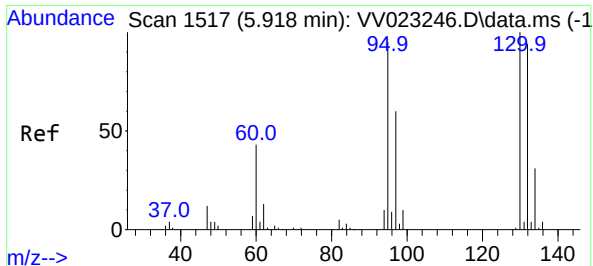
Tgt Ion: 96 Resp: 4179
Ion Ratio Lower Upper
96 100
61 107.9 92.3 171.3
68 0.0 0.4 0.8#



#25
Chloroform
Concen: 0.346 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV023258.D
Acq: 06 Nov 2021 01:44

Tgt Ion: 83 Resp: 6388
Ion Ratio Lower Upper
83 100
85 70.9 46.8 86.8



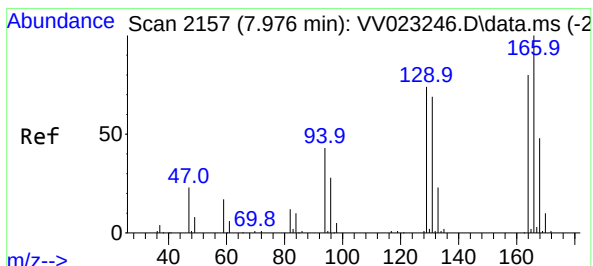
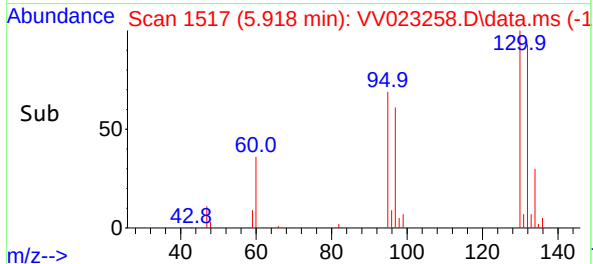
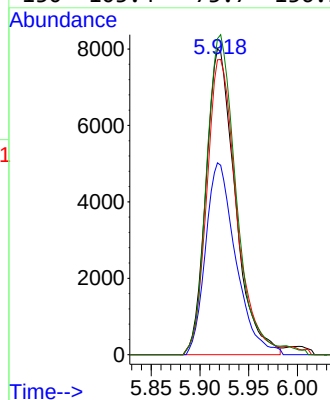
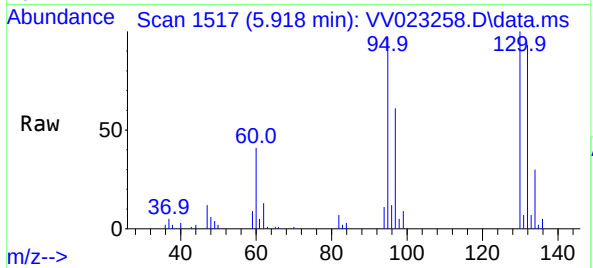


#34
Trichloroethene
Concen: 1.574 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023258.D
Acq: 06 Nov 2021 01:44

Instrument :
MSVOA_V
ClientSampleId :
H4603

Tgt Ion: 95 Resp: 16694

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.0	83.6
132	96.5	69.7	129.4
130	103.4	73.7	136.9



#47
Tetrachloroethene
Concen: 6.165 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023258.D
Acq: 06 Nov 2021 01:44

Tgt Ion: 164 Resp: 56674

Ion	Ratio	Lower	Upper
164	100		
129	91.5	64.0	119.0
131	84.8	63.4	117.8
166	124.5	89.3	165.9

