

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023255.D
 Acq On : 06 Nov 2021 00:35
 Operator : SY/MD
 Sample : M4535-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4604

Quant Time: Nov 09 04:22:36 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)

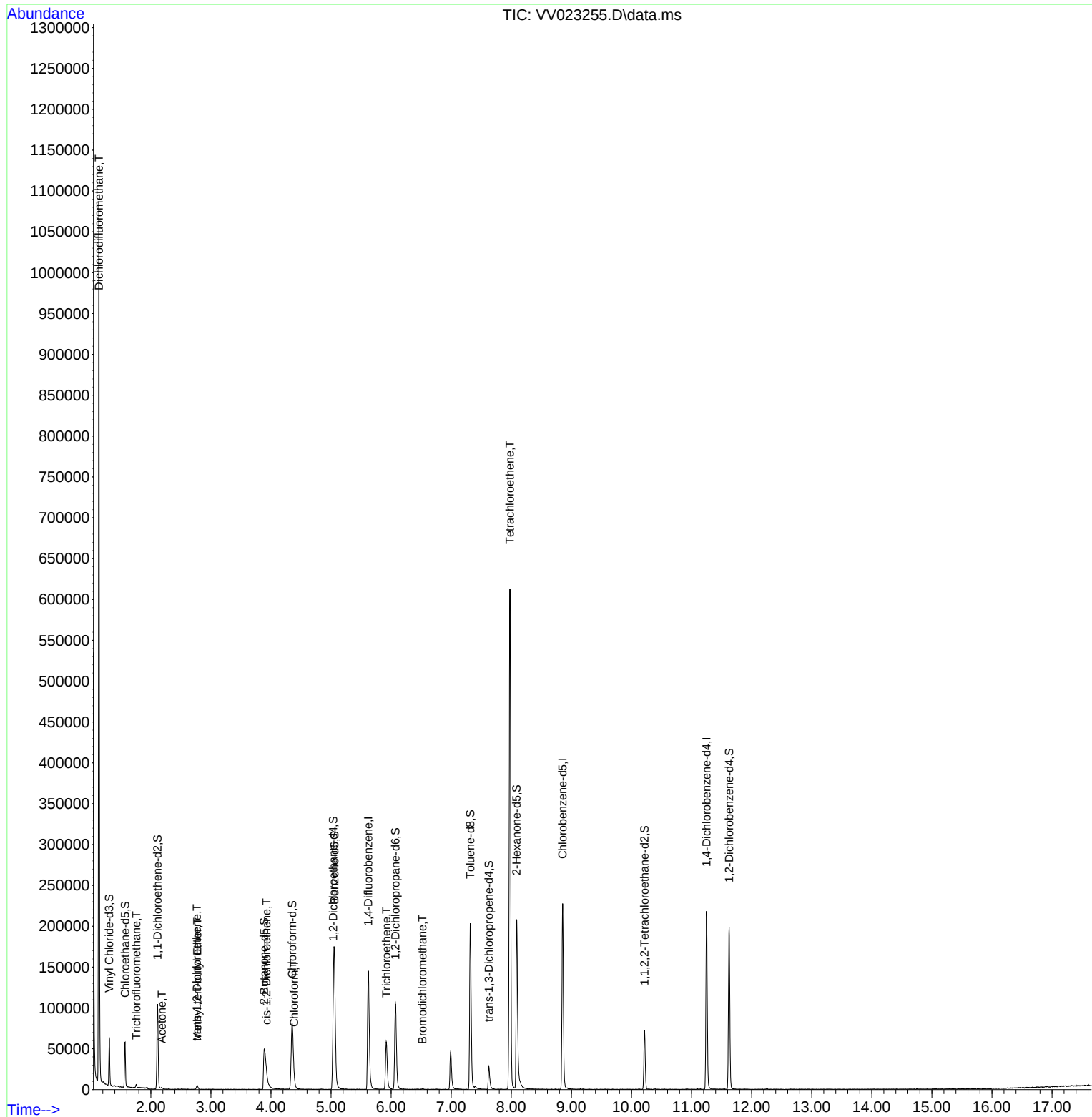
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125183	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36987	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.571	69	33214	5.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.111	63	53083	3.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.886	46	86210	63.808	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.620%
24) Chloroform-d	4.352	84	84776	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.037	65	40412	5.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.053	84	161718	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.072	67	50287	5.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	135952	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.625	79	17082	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	68535	50.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34124	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53547	5.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	14842	1.216	ug/L	98
9) Trichlorofluoromethane	1.757	101	2301	0.148	ug/L	95
13) Acetone	2.182	43	2051	2.484	ug/L	83
17) Methyl tert-butyl Ether	2.773	73	1486	0.090	ug/L #	85
18) trans-1,2-Dichloroethene	2.767	96	1349	0.147	ug/L	95
22) cis-1,2-Dichloroethene	3.924	96	4617	0.523	ug/L #	88
25) Chloroform	4.384	83	6422	0.389	ug/L	97
34) Trichloroethene	5.918	95	20263	2.109	ug/L	96
38) Bromodichloromethane	6.519	83	794	0.070	ug/L #	95
47) Tetrachloroethene	7.976	164	139043	16.696	ug/L	99

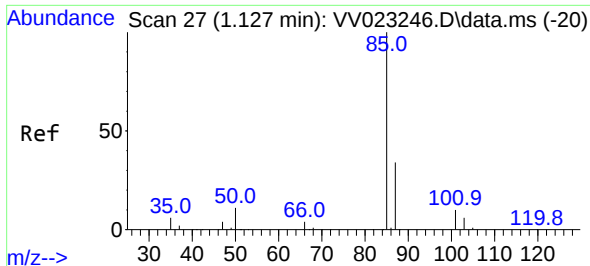
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

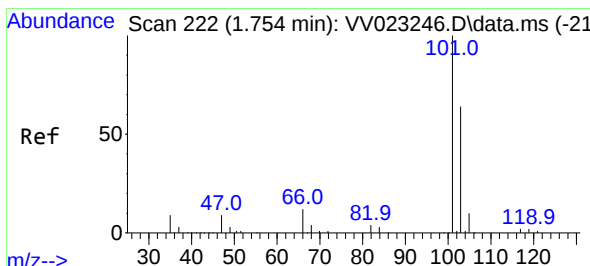
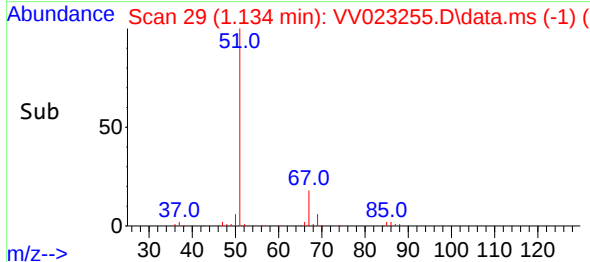
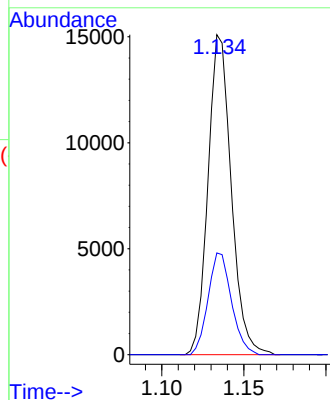
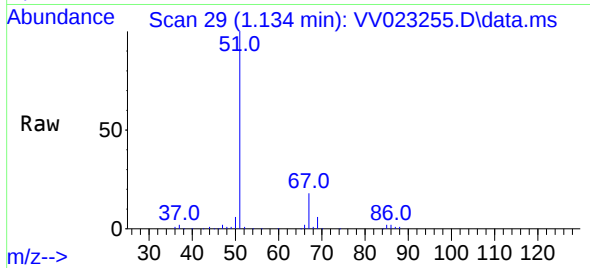




#2
Dichlorodifluoromethane
Concen: 1.216 ug/L
RT: 1.134 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

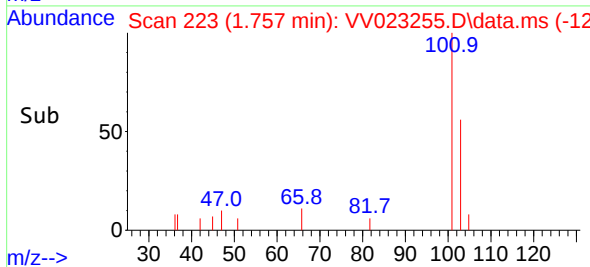
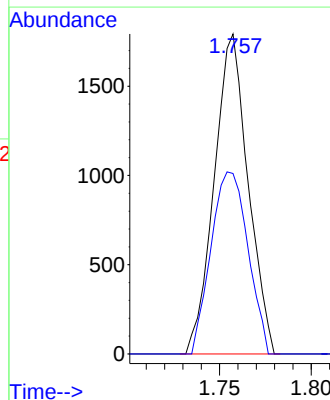
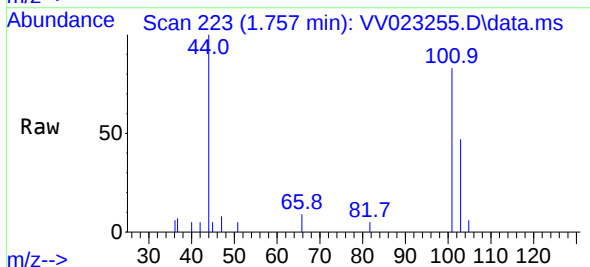
Instrument :
MSVOA_V
ClientSampleId :
H4604

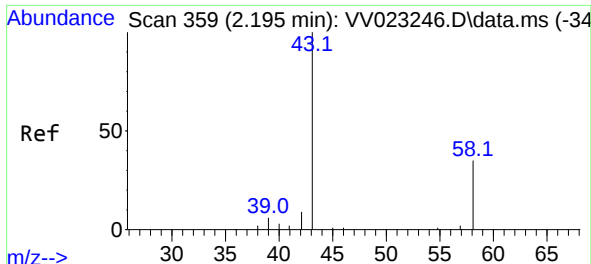
Tgt Ion: 85 Resp: 14842
Ion Ratio Lower Upper
85 100
87 32.0 26.6 39.8



#9
Trichlorofluoromethane
Concen: 0.148 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

Tgt Ion: 101 Resp: 2301
Ion Ratio Lower Upper
101 100
103 62.1 52.6 79.0

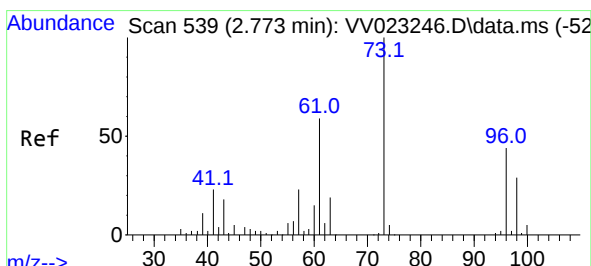
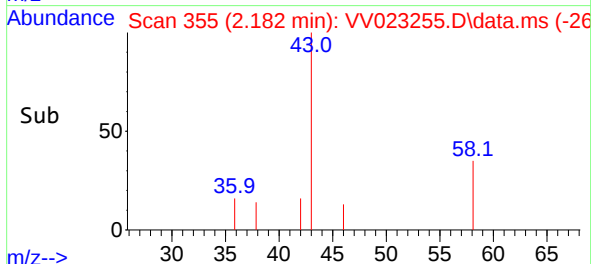
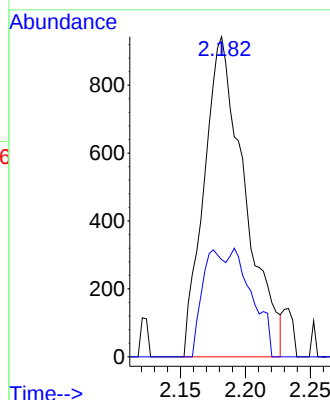
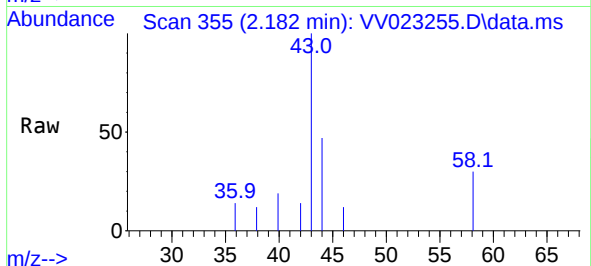




#13
Acetone
Concen: 2.484 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

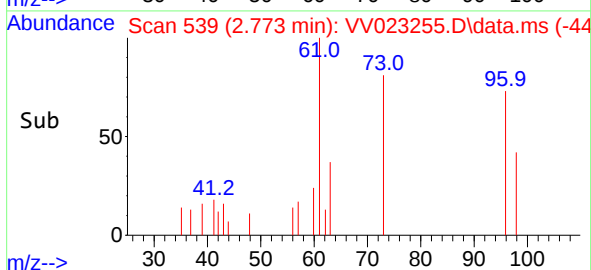
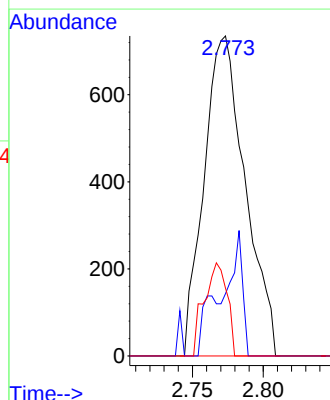
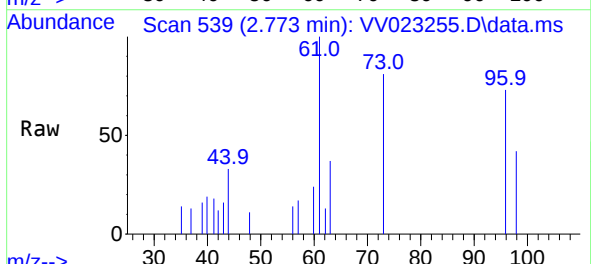
Instrument :
MSVOA_V
ClientSampleId :
H4604

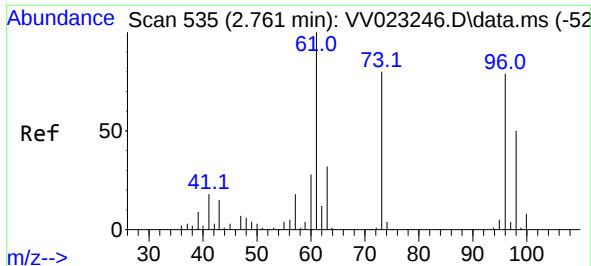
Tgt Ion: 43 Resp: 2051
Ion Ratio Lower Upper
43 100
58 19.0 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 0.090 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

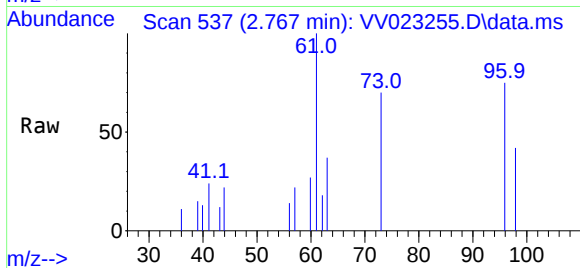
Tgt Ion: 73 Resp: 1486
Ion Ratio Lower Upper
73 100
43 12.0 17.4 26.0#
57 16.1 16.5 24.7#



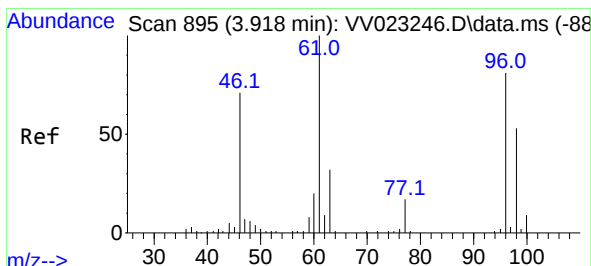
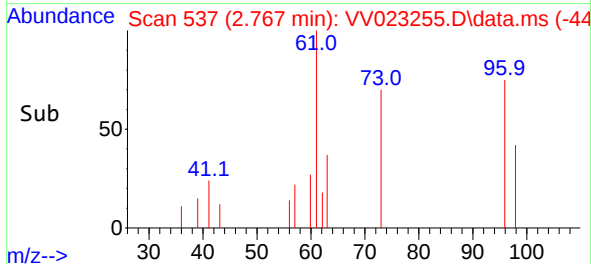
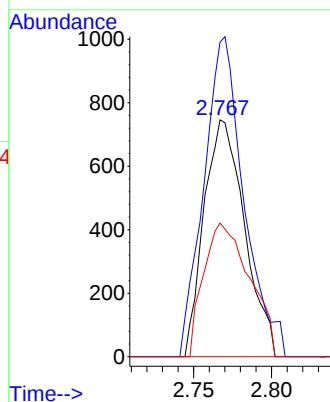


#18
trans-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

Instrument :
MSVOA_V
ClientSampleId :
H4604

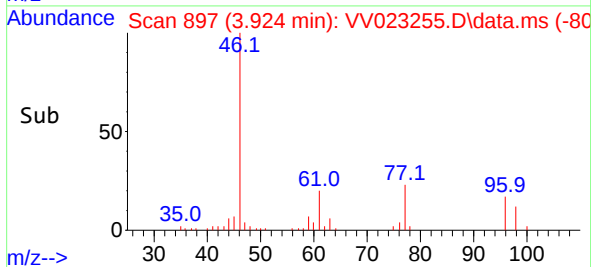
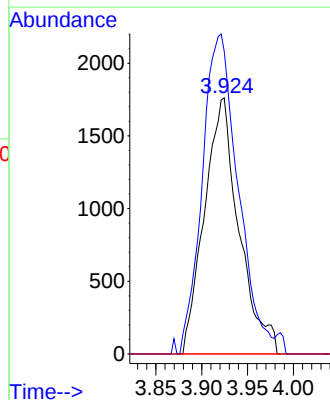
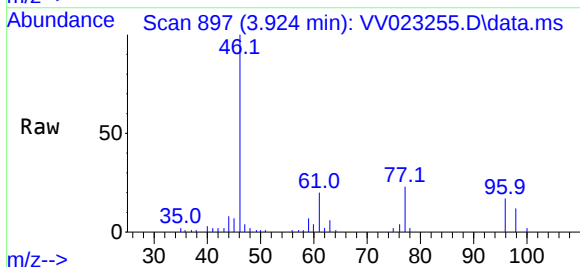


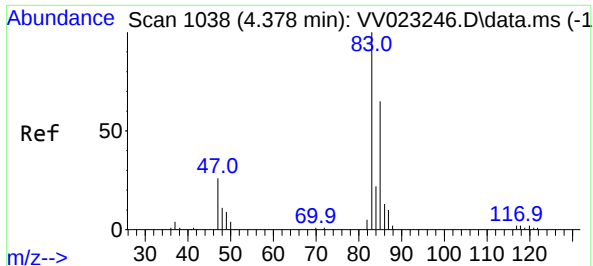
Tgt Ion: 96 Resp: 1349
Ion Ratio Lower Upper
96 100
61 132.8 93.2 173.2
98 56.4 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 0.523 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.006 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

Tgt Ion: 96 Resp: 4617
Ion Ratio Lower Upper
96 100
61 118.2 92.3 171.3
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.389 ug/L

RT: 4.384 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV023255.D

Acq: 06 Nov 2021 00:35

Instrument :

MSVOA_V

ClientSampleId :

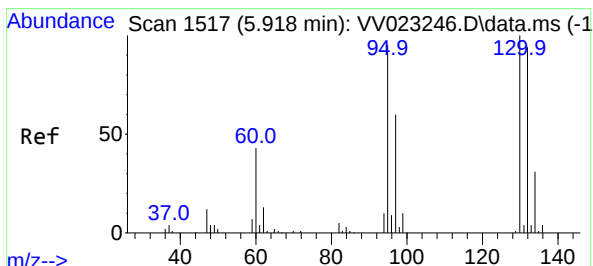
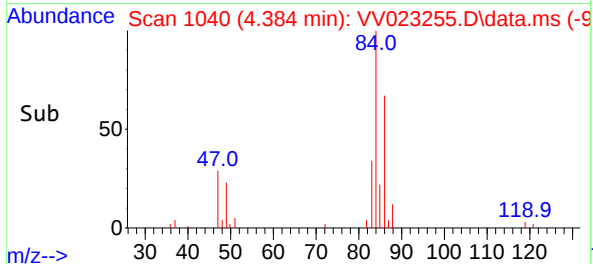
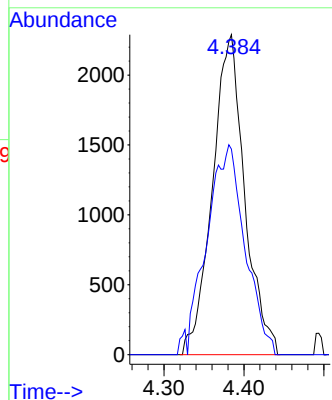
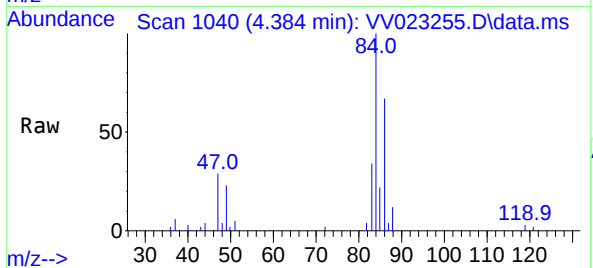
H4604

Tgt Ion: 83 Resp: 6422

Ion Ratio Lower Upper

83 100

85 64.3 46.8 86.8



#34

Trichloroethene

Concen: 2.109 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV023255.D

Acq: 06 Nov 2021 00:35

Tgt Ion: 95 Resp: 20263

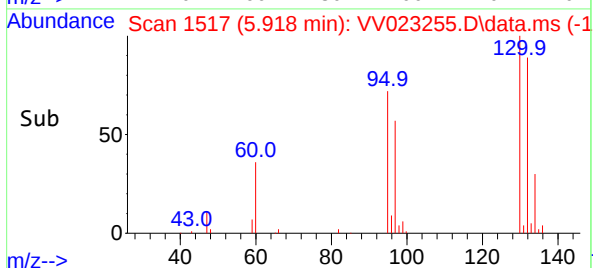
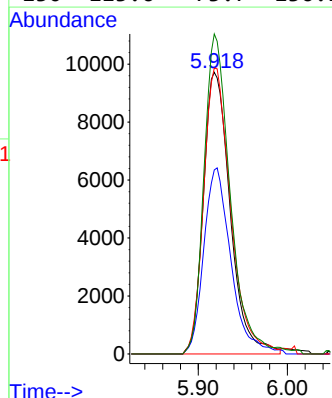
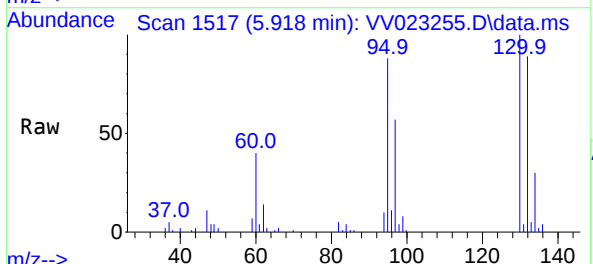
Ion Ratio Lower Upper

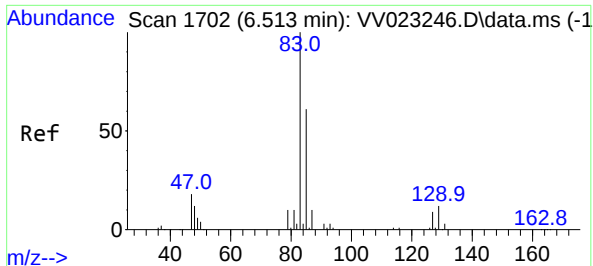
95 100

97 65.3 45.0 83.6

132 101.6 69.7 129.4

130 113.6 73.7 136.9

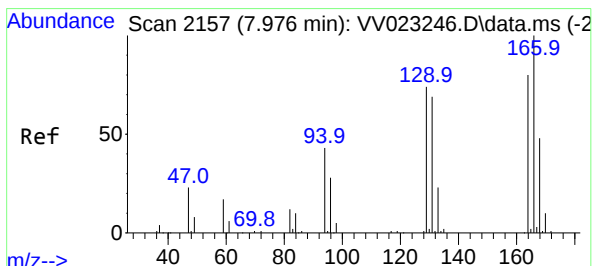
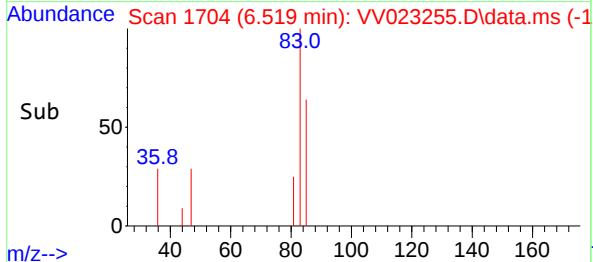
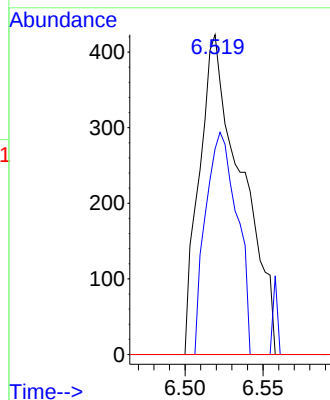
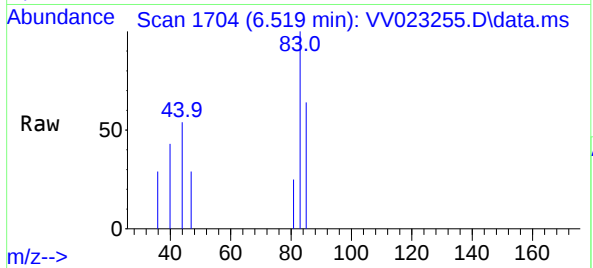




#38
Bromodichloromethane
Concen: 0.070 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

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MSVOA_V
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Tgt Ion: 83	Resp:	794
Ion	Ratio	Lower Upper
83	100	
85	64.3	46.1 85.7
127	0.0	7.2 10.8#



#47
Tetrachloroethene
Concen: 16.696 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023255.D
Acq: 06 Nov 2021 00:35

Tgt Ion: 164	Resp:	139043
Ion	Ratio	Lower Upper
164	100	
129	92.4	64.0 119.0
131	88.5	63.4 117.8
166	127.8	89.3 165.9

