

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023487.D
 Acq On : 15 Nov 2021 17:06
 Operator : SY/MD
 Sample : M4616-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Z0

Quant Time: Nov 16 00:33:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

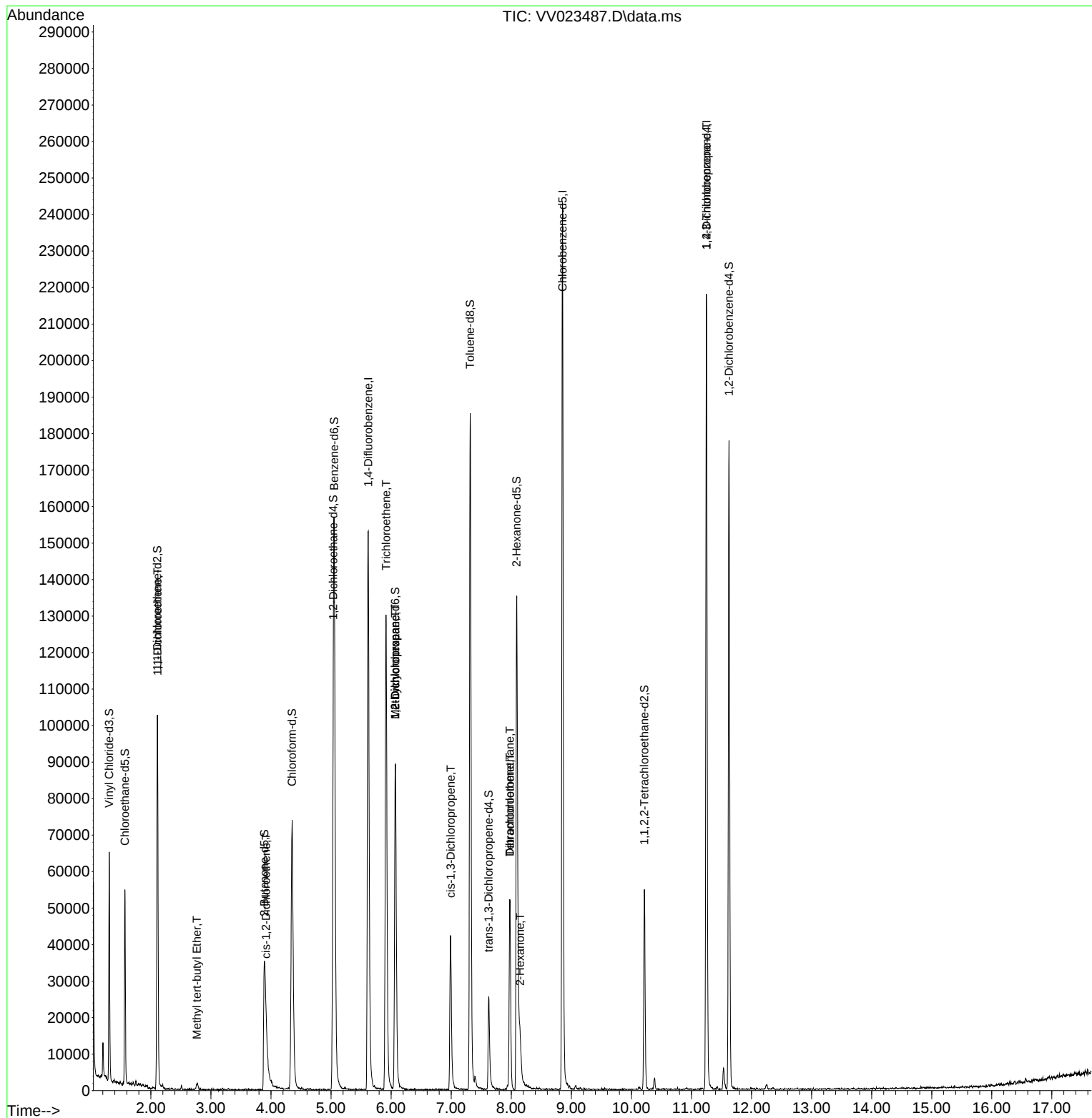
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137810	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39540	4.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	30869	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.108	63	53084	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.889	46	65747	44.204	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.400%
24) Chloroform-d	4.349	84	73937	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.037	65	35626	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.053	84	143745	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.069	67	43145	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.317	98	124460	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.625	79	15398	3.945	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.088	63	42255	29.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25987	3.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	47965	4.825	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	526	0.064	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	1601	0.089	ug/L #	70
22) cis-1,2-Dichloroethene	3.915	96	1540	0.158	ug/L #	62
34) Trichloroethene	5.915	95	43448	4.289	ug/L	96
35) Methylcyclohexane	6.069	83	11083	0.693	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4907	0.552	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1353	0.106	ug/L #	60
47) Tetrachloroethene	7.979	164	12187	1.388	ug/L	97
48) 2-Hexanone	8.146	43	7921	2.741	ug/L #	94
49) Dibromochloromethane	7.979	129	11007	1.360	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6405	1.615	ug/L #	66

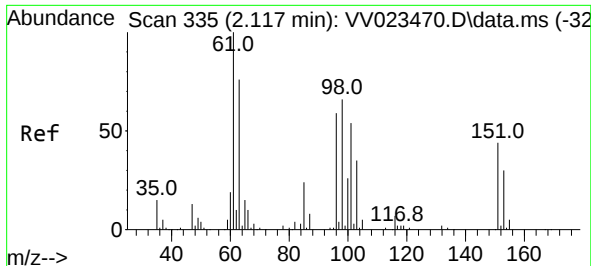
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023487.D

Acq: 15 Nov 2021 17:06

Instrument :

MSVOA_V

ClientSampleId :

BG1Z0

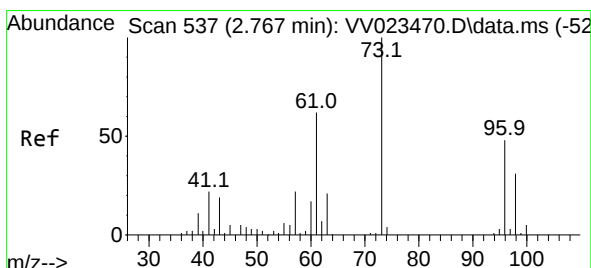
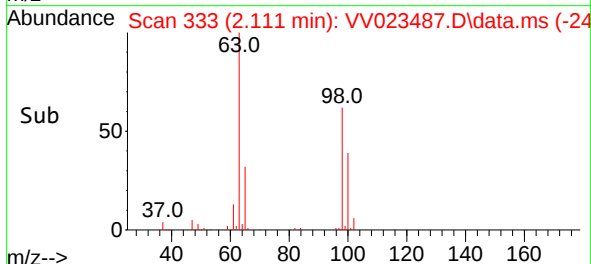
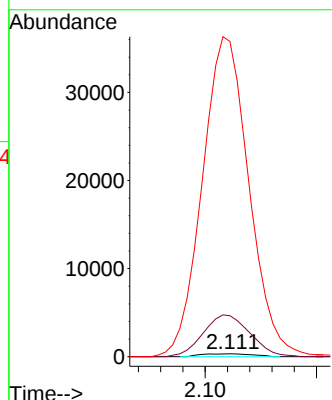
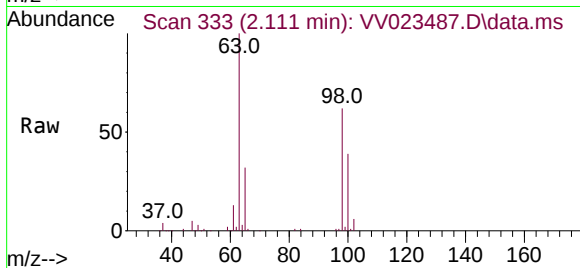
Tgt Ion: 96 Resp: 526

Ion Ratio Lower Upper

96 100

61 1445.0 121.5 225.7#

63 11110.6 99.6 185.0#



#17

Methyl tert-butyl Ether

Concen: 0.089 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.000 min

Lab File: VV023487.D

Acq: 15 Nov 2021 17:06

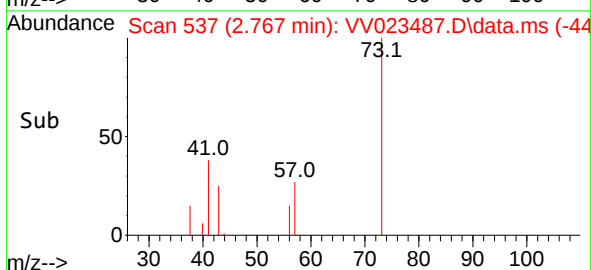
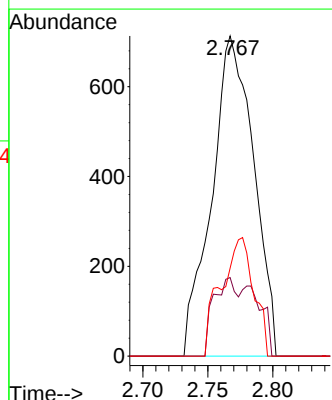
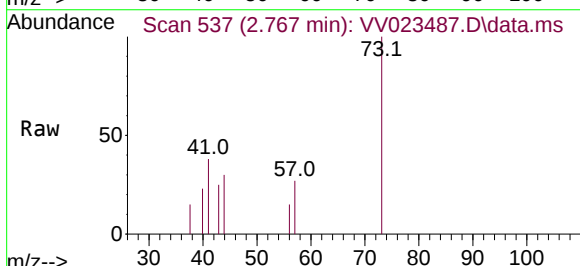
Tgt Ion: 73 Resp: 1601

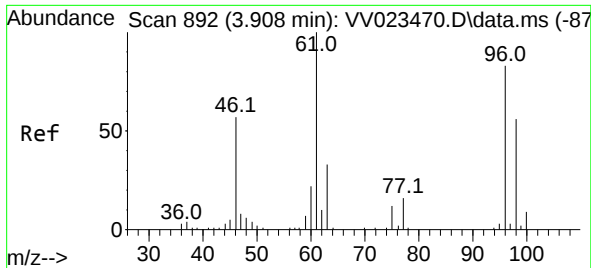
Ion Ratio Lower Upper

73 100

43 13.7 17.4 26.0#

57 0.0 16.5 24.7#

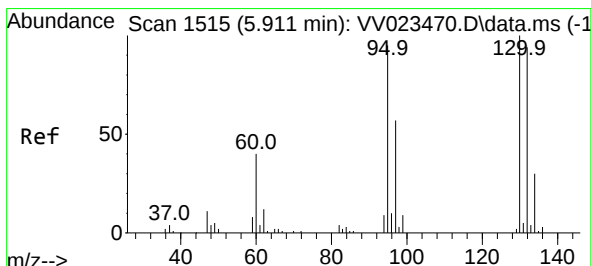
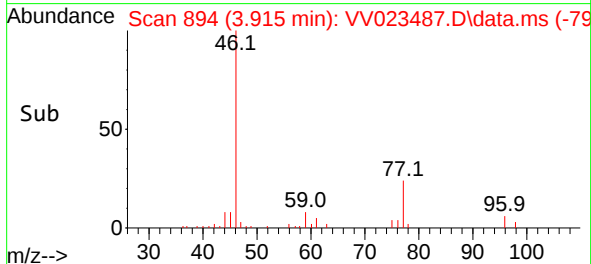
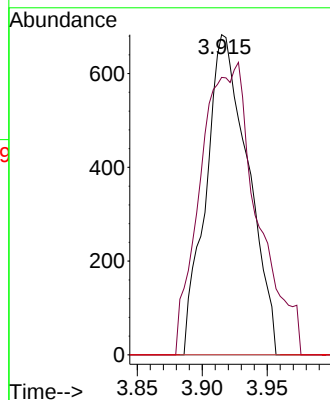
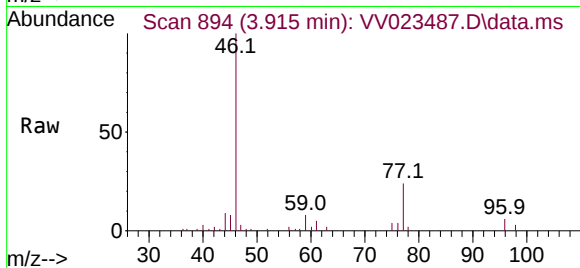




#22
 cis-1,2-Dichloroethene
 Concen: 0.158 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV023487.D
 Acq: 15 Nov 2021 17:06

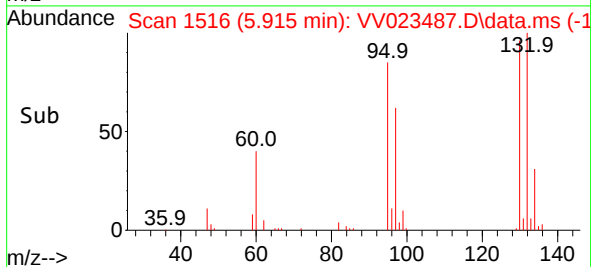
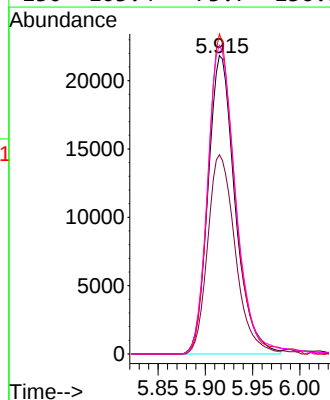
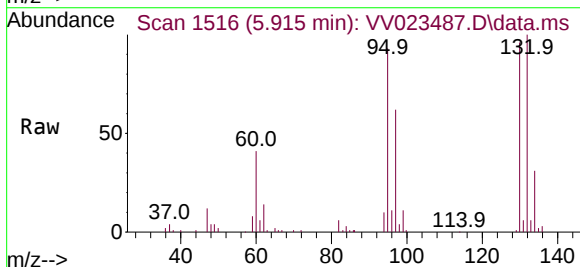
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Z0

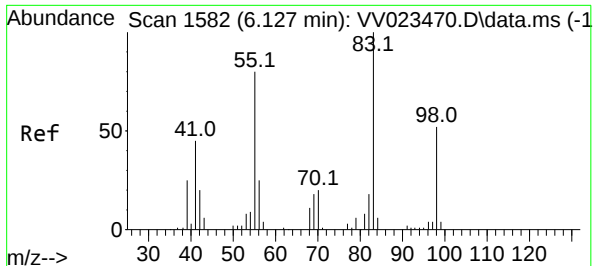
Tgt Ion: 96 Resp: 1540
 Ion Ratio Lower Upper
 96 100
 61 86.7 92.3 171.3#
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 4.289 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.003 min
 Lab File: VV023487.D
 Acq: 15 Nov 2021 17:06

Tgt Ion: 95 Resp: 43448
 Ion Ratio Lower Upper
 95 100
 97 66.8 45.0 83.6
 132 107.3 69.7 129.4
 130 103.4 73.7 136.9

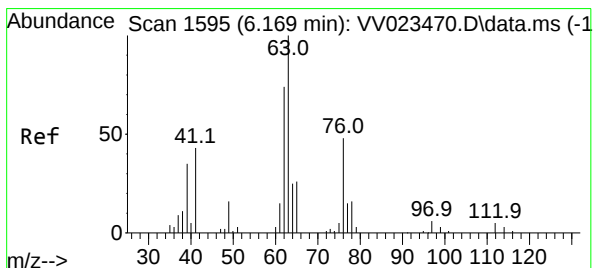
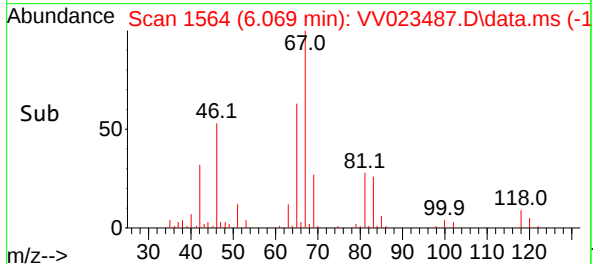
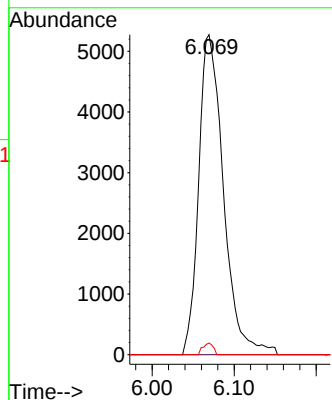
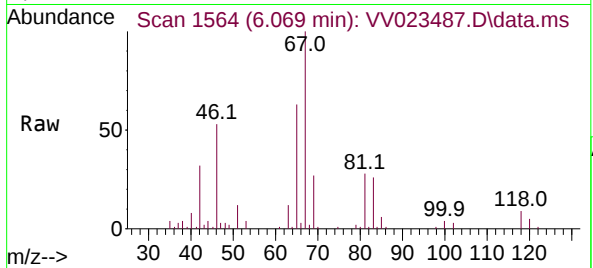




#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

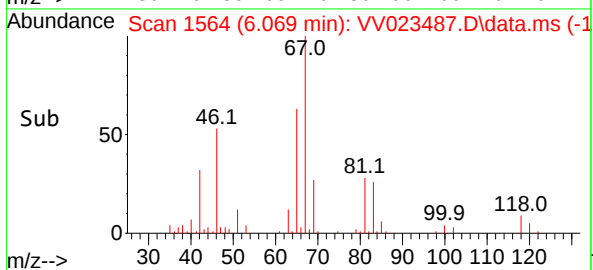
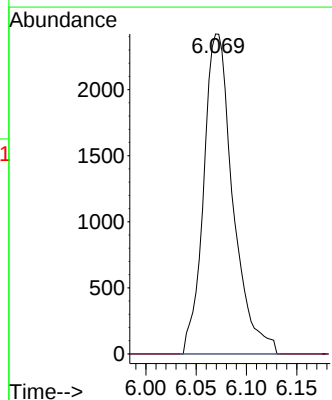
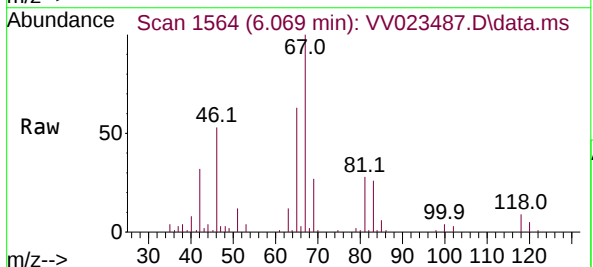
Instrument :
MSVOA_V
ClientSampleId :
BG1Z0

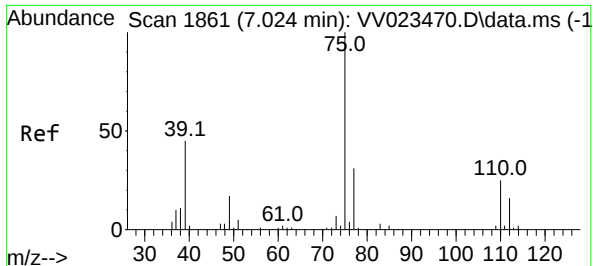
Tgt Ion: 83 Resp: 11083
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.099 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

Tgt Ion: 63 Resp: 4907
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV023487.D

Acq: 15 Nov 2021 17:06

Instrument :

MSVOA_V

ClientSampleId :

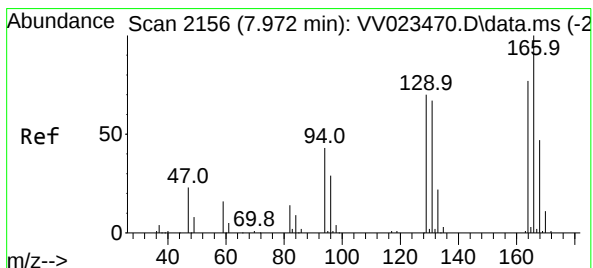
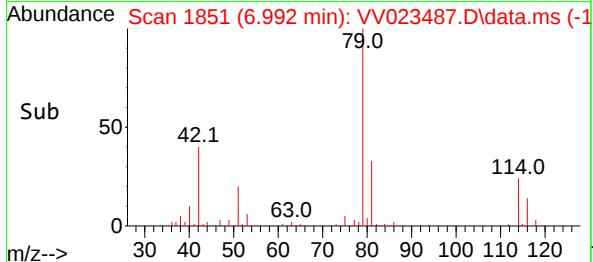
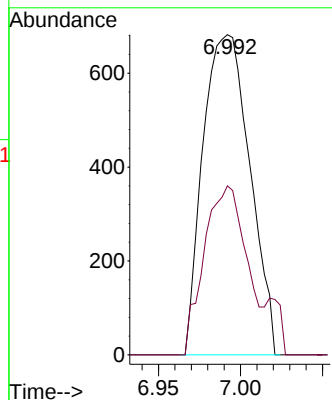
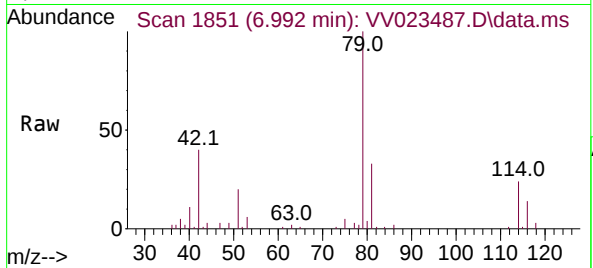
BG1Z0

Tgt Ion: 75 Resp: 1353

Ion Ratio Lower Upper

75 100

77 52.8 21.6 40.2#



#47

Tetrachloroethene

Concen: 1.388 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV023487.D

Acq: 15 Nov 2021 17:06

Tgt Ion:164 Resp: 12187

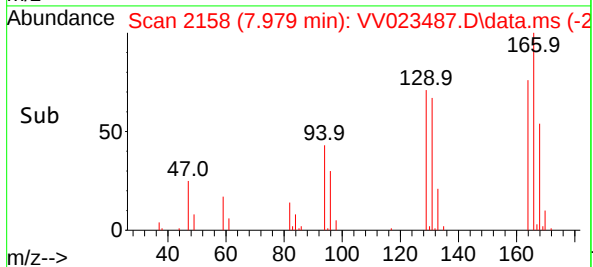
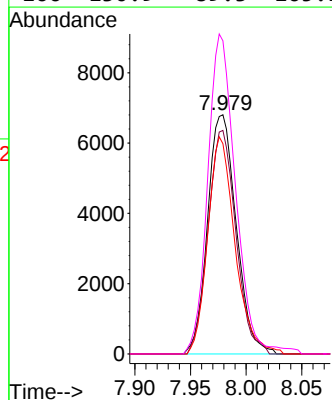
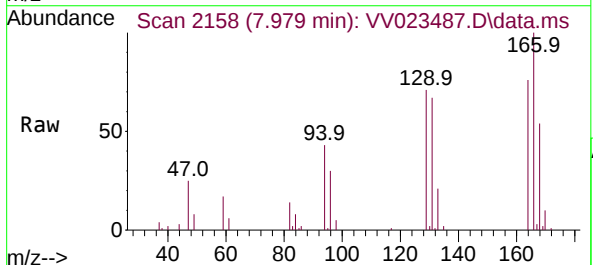
Ion Ratio Lower Upper

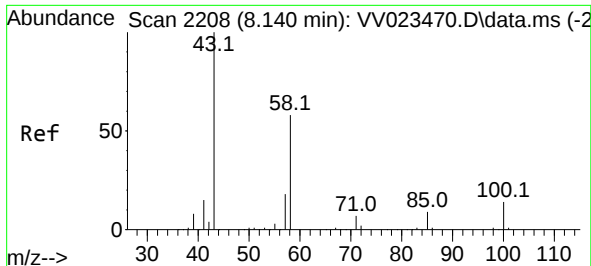
164 100

129 93.4 64.0 119.0

131 87.9 63.4 117.8

166 130.9 89.3 165.9

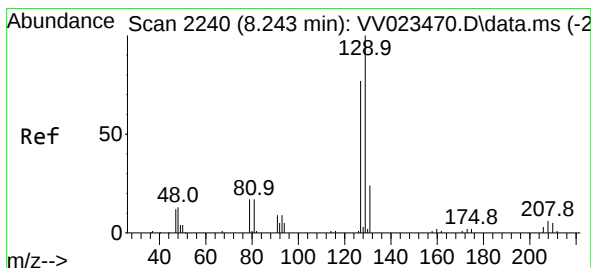
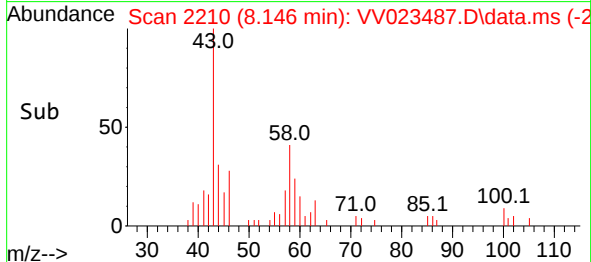
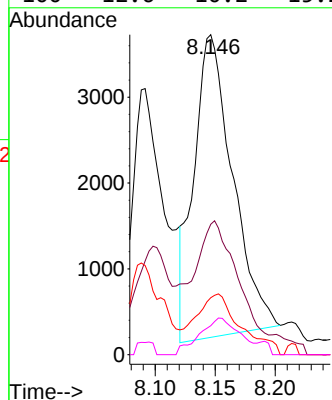
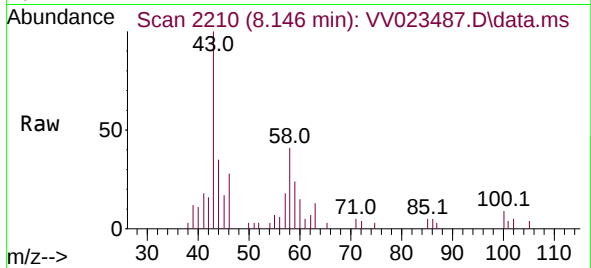




#48
2-Hexanone
Concen: 2.741 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.007 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

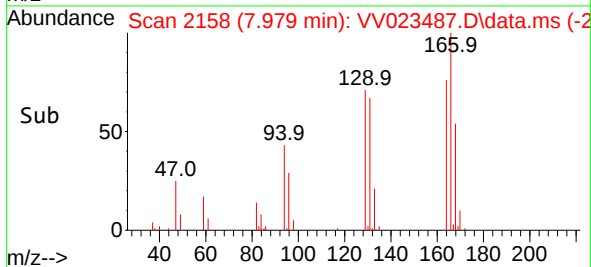
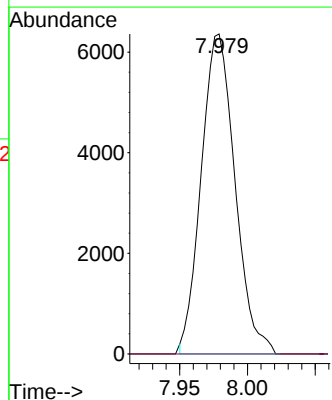
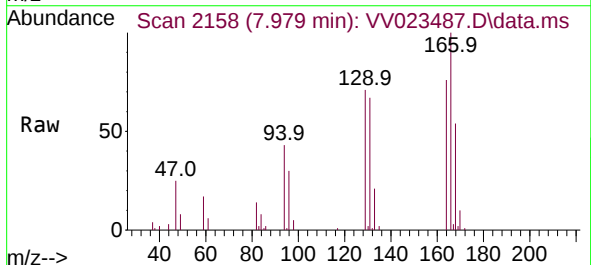
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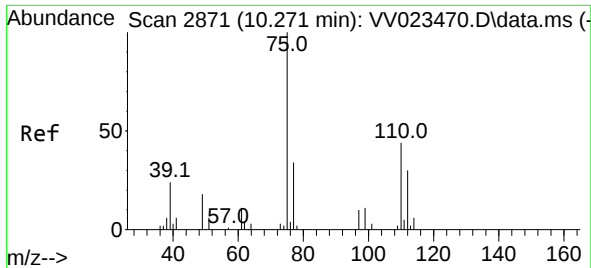
Tgt Ion: 43	Resp: 7921
Ion Ratio	Lower Upper
43 100	
58 51.2	43.7 65.5
57 23.5	14.1 21.1#
100 12.6	10.2 15.2



#49
Dibromochloromethane
Concen: 1.360 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.263 min
Lab File: VV023487.D
Acq: 15 Nov 2021 17:06

Tgt Ion:129	Resp:	11007	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.615 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023487.D
 Acq: 15 Nov 2021 17:06

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Z0

Tgt Ion: 75 Resp: 6405
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.6 39.8
 110 3.6 31.8 47.6#

