

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024487.D
 Acq On : 28 Jan 2022 15:16
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK250

Quant Time: Jan 29 02:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 02:05:31 2022
 Response via : Initial Calibration

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

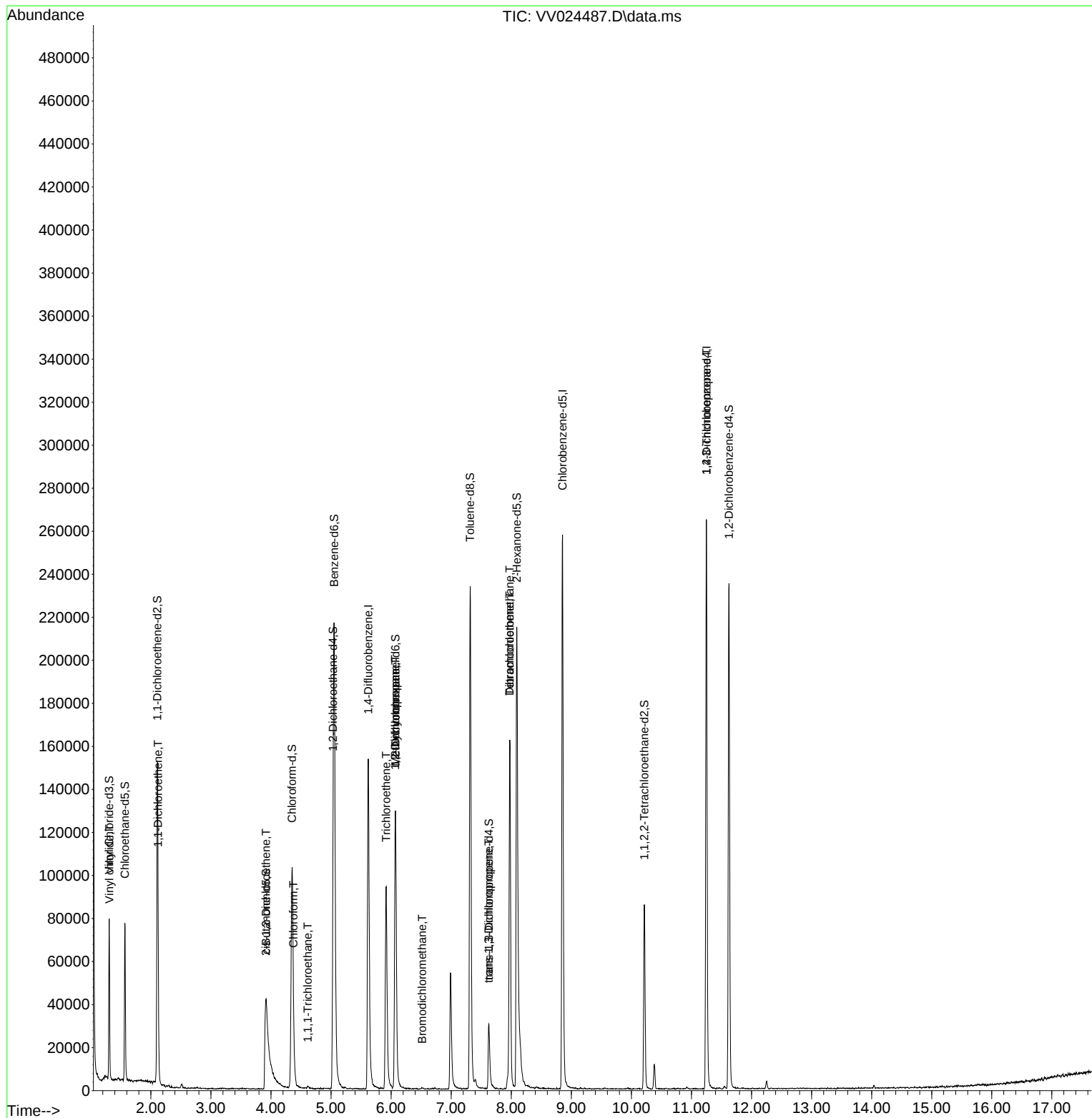
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135398	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45393	3.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.568	69	46490	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	76891	3.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.915	46	106410	56.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.580%
24) Chloroform-d	4.352	84	110307	4.900	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.034	65	52546	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.053	84	196185	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.072	67	66848	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.317	98	160578	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.629	79	19819	4.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.092	63	79532	49.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42732	5.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	62587	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	673	0.048	ug/L #	1
12) 1,1-Dichloroethene	2.121	96	7419	0.729	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	4268	0.435	ug/L	86
25) Chloroform	4.375	83	4344	0.210	ug/L #	68
29) 1,1,1-Trichloroethane	4.613	97	950	0.057	ug/L #	89
34) Trichloroethene	5.918	95	33272	3.049	ug/L	95
35) Methylcyclohexane	6.072	83	16022	0.996	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7335	0.774	ug/L #	85
38) Bromodichloromethane	6.516	83	471	0.037	ug/L #	78
44) trans-1,3-Dichloropropene	7.622	75	836	0.079	ug/L #	79
47) Tetrachloroethene	7.976	164	39360	4.580	ug/L	95
49) Dibromochloromethane	7.976	129	34289	4.297	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7879	1.808	ug/L #	64

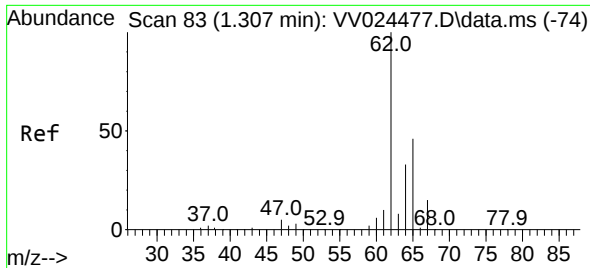
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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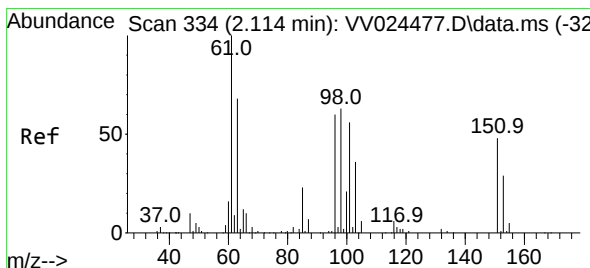
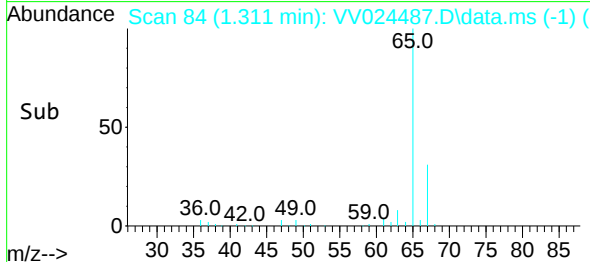
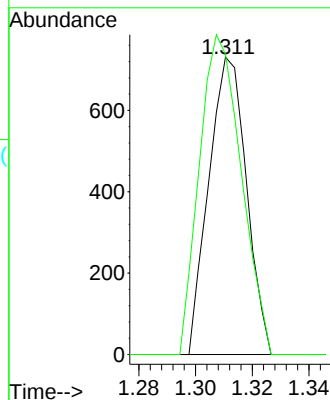
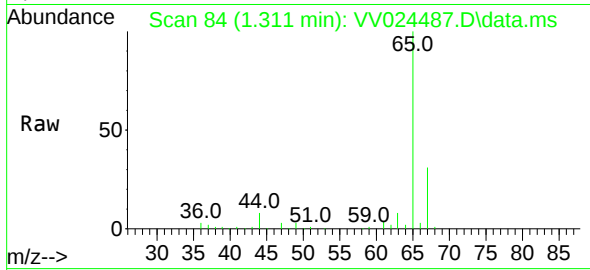




#5
 Vinyl chloride
 Concen: 0.048 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024487.D
 Acq: 28 Jan 2022 15:16

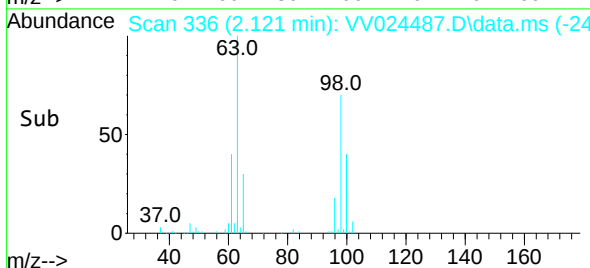
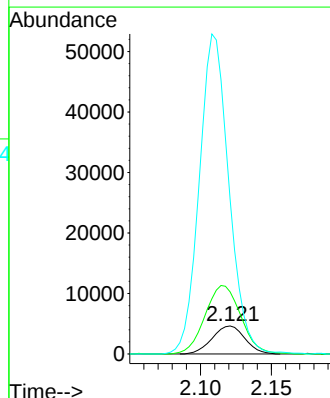
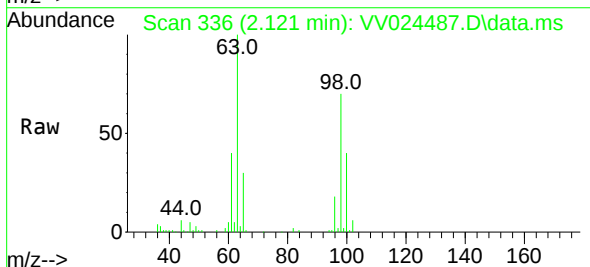
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK250

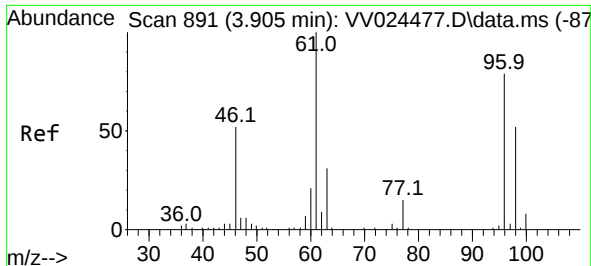
Tgt Ion: 62 Resp: 673
 Ion Ratio Lower Upper
 62 100
 64 101.0 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 0.729 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.006 min
 Lab File: VV024487.D
 Acq: 28 Jan 2022 15:16

Tgt Ion: 96 Resp: 7419
 Ion Ratio Lower Upper
 96 100
 61 222.2 116.1 215.5#
 63 553.3 79.4 147.4#

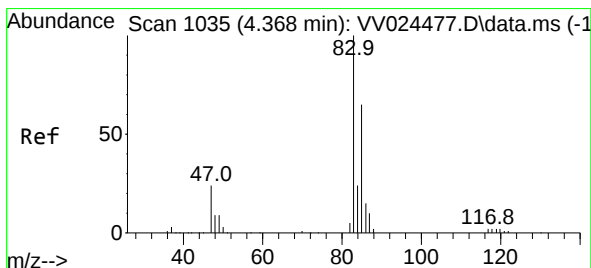
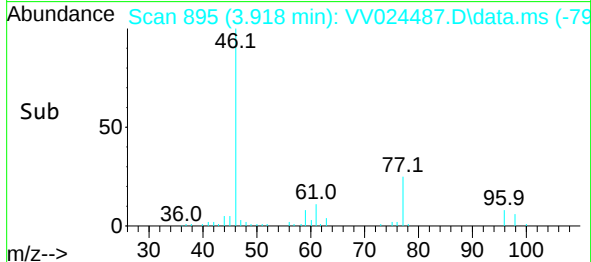
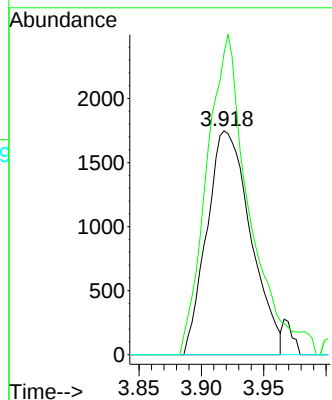
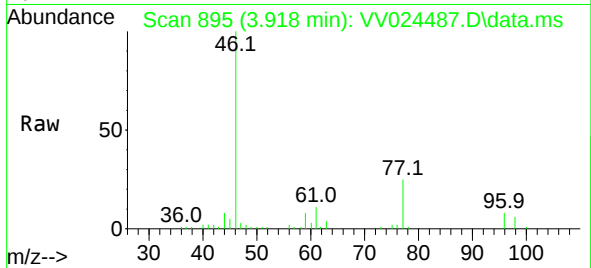




#22
 cis-1,2-Dichloroethene
 Concen: 0.435 ug/L
 RT: 3.918 min Scan# 891
 Delta R.T. 0.013 min
 Lab File: VV024487.D
 Acq: 28 Jan 2022 15:16

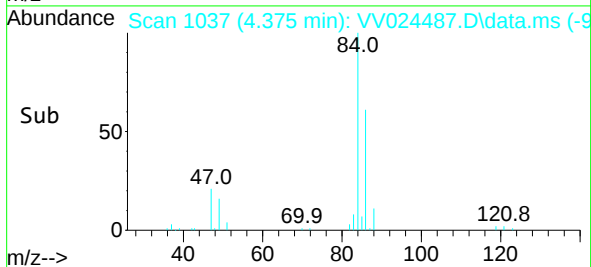
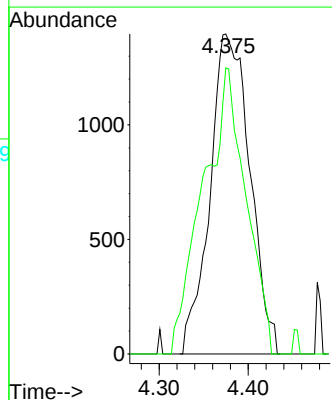
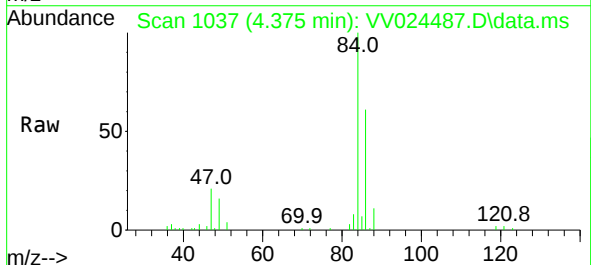
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK250

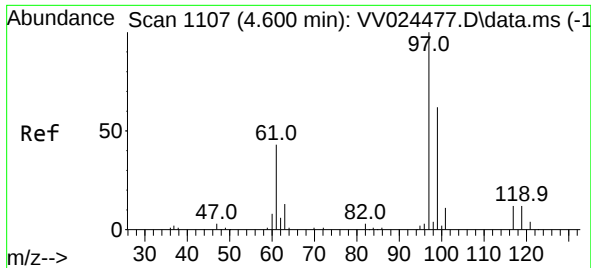
Tgt Ion: 96 Resp: 4268
 Ion Ratio Lower Upper
 96 100
 61 134.7 83.4 154.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.210 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VV024487.D
 Acq: 28 Jan 2022 15:16

Tgt Ion: 83 Resp: 4344
 Ion Ratio Lower Upper
 83 100
 85 89.4 45.2 84.0#





#29

1,1,1-Trichloroethane

Concen: 0.057 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.013 min

Lab File: VV024487.D

Acq: 28 Jan 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

VIBLK250

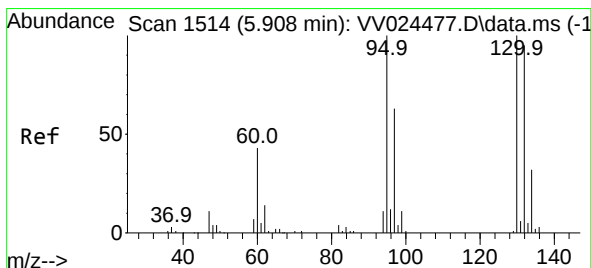
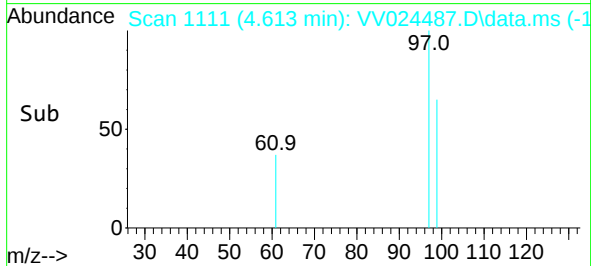
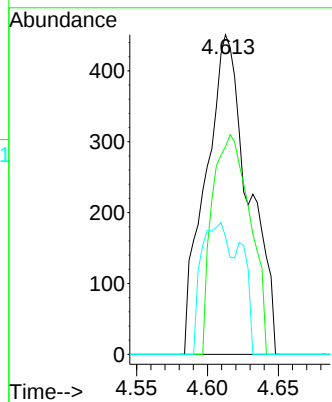
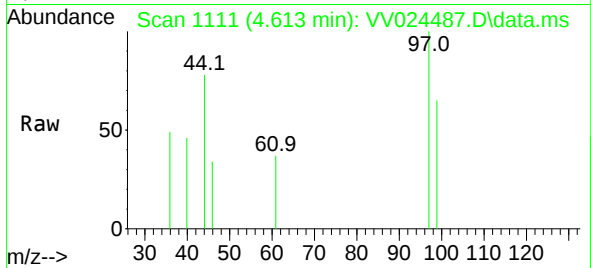
Tgt Ion: 97 Resp: 950

Ion Ratio Lower Upper

97 100

99 60.3 51.9 77.9

61 28.9 33.2 49.8#



#34

Trichloroethene

Concen: 3.049 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV024487.D

Acq: 28 Jan 2022 15:16

Tgt Ion: 95 Resp: 33272

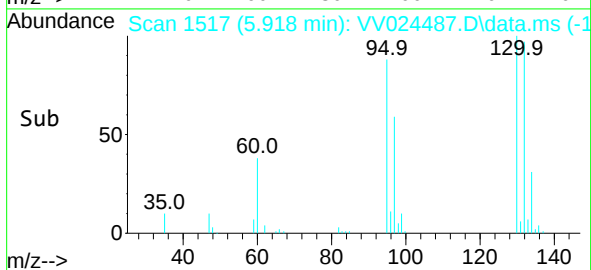
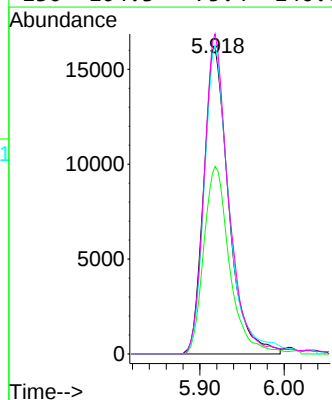
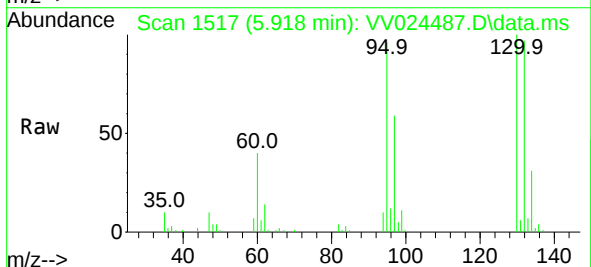
Ion Ratio Lower Upper

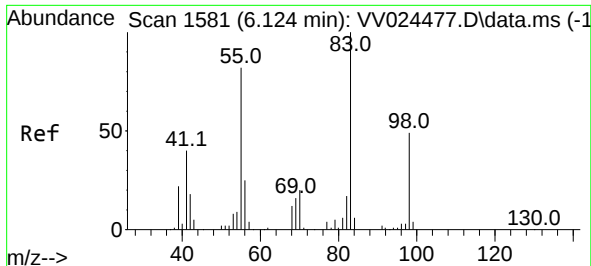
95 100

97 61.1 45.2 84.0

132 100.7 76.1 141.3

130 104.3 75.4 140.0

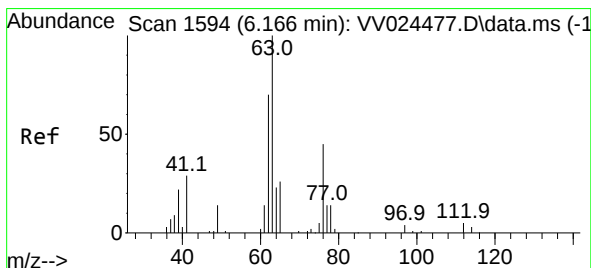
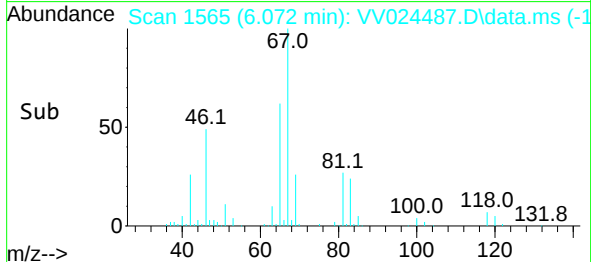
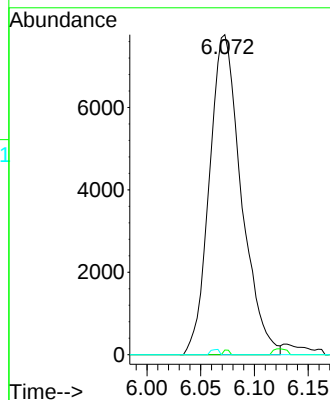
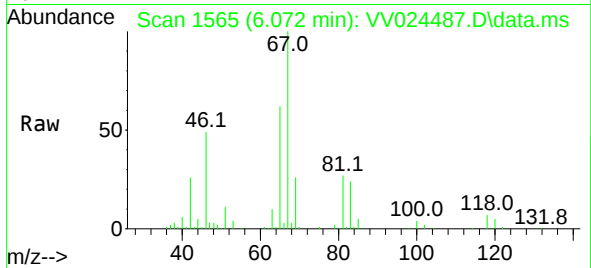




#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.072 min Scan# 1581
Delta R.T. -0.051 min
Lab File: VV024487.D
Acq: 28 Jan 2022 15:16

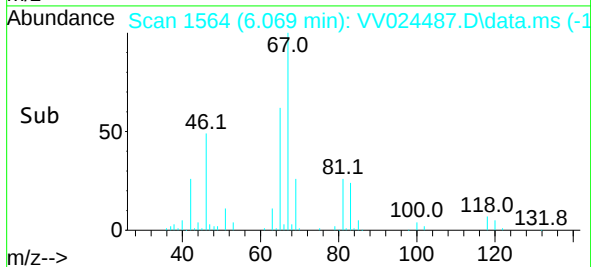
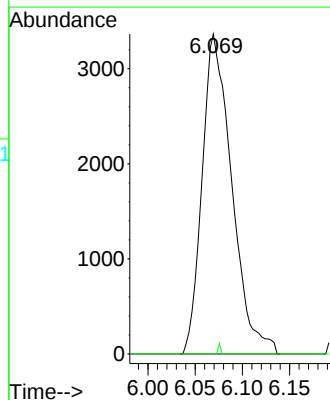
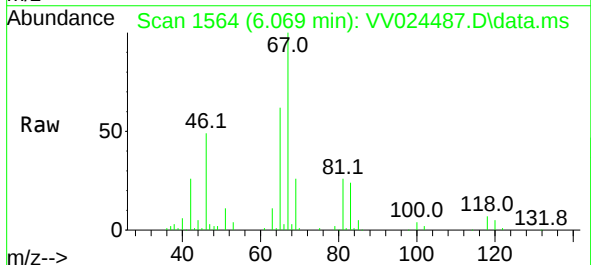
Instrument :
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ClientSampleId :
VIBLK250

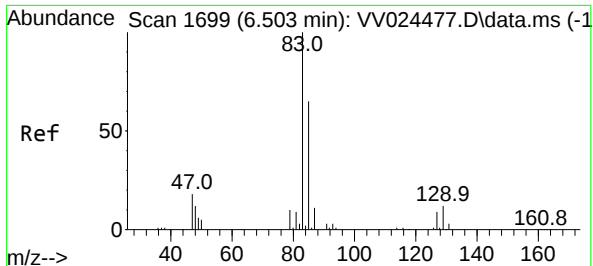
Tgt Ion: 83 Resp: 16022
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 2.8 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.774 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.096 min
Lab File: VV024487.D
Acq: 28 Jan 2022 15:16

Tgt Ion: 63 Resp: 7335
Ion Ratio Lower Upper
63 100
112 0.3 4.3 6.5#

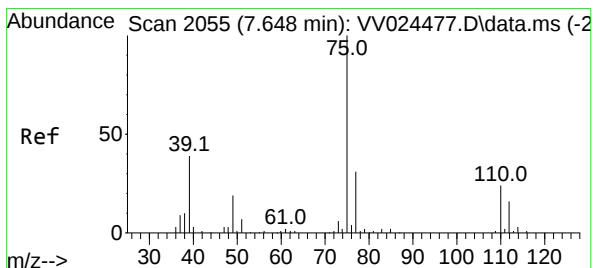
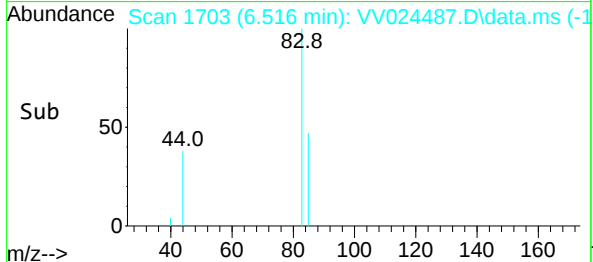
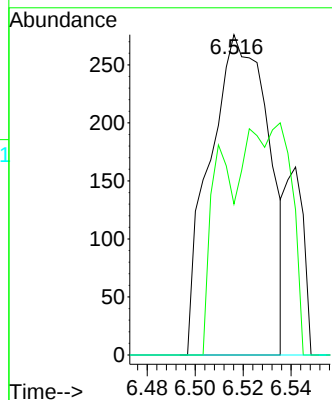
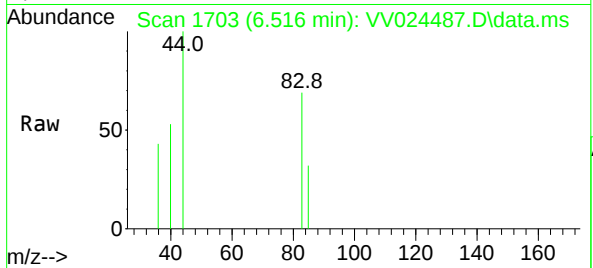




#38
Bromodichloromethane
Concen: 0.037 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV024487.D
Acq: 28 Jan 2022 15:16

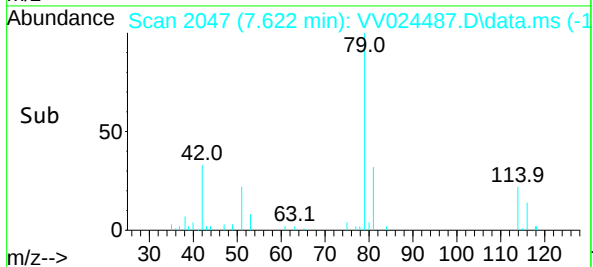
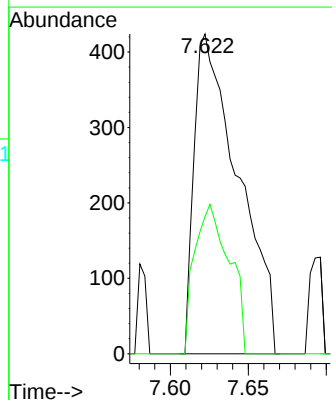
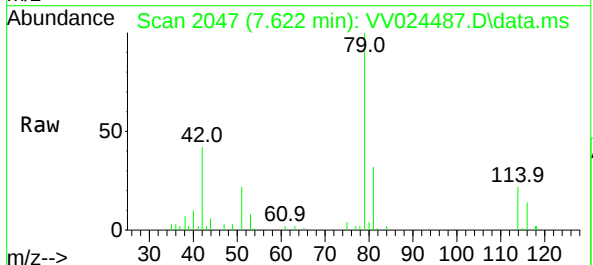
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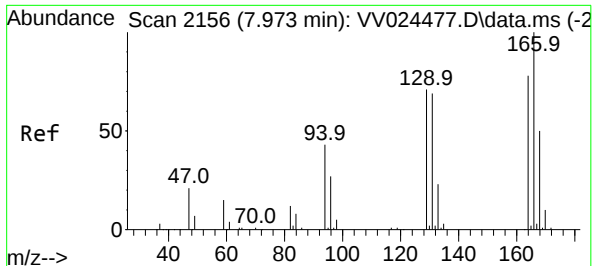
Tgt Ion: 83 Resp: 471
Ion Ratio Lower Upper
83 100
85 47.1 44.0 81.8
127 0.0 8.6 12.8#



#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV024487.D
Acq: 28 Jan 2022 15:16

Tgt Ion: 75 Resp: 836
Ion Ratio Lower Upper
75 100
77 42.9 21.8 40.4#





#47

Tetrachloroethene

Concen: 4.580 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024487.D

Acq: 28 Jan 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

VIBLK250

Tgt Ion:164 Resp: 39360

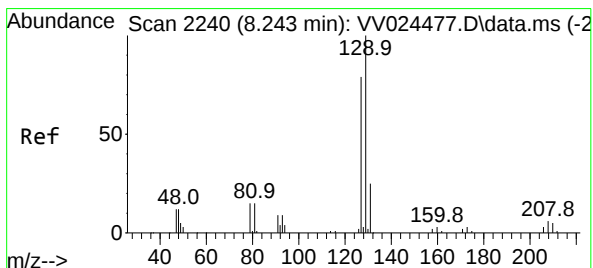
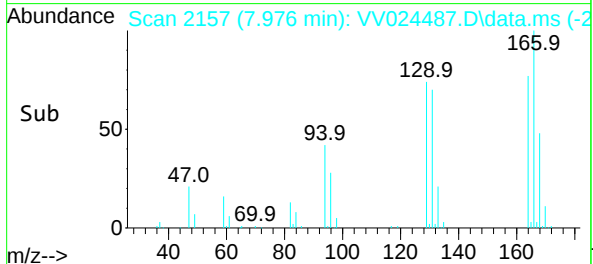
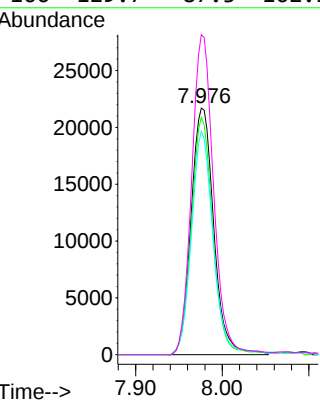
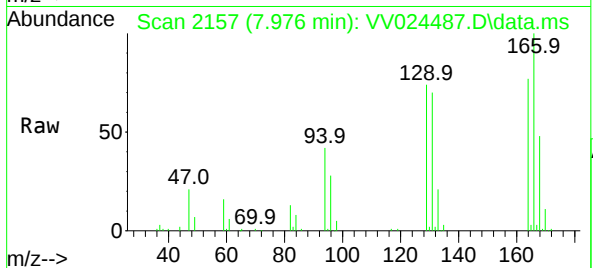
Ion Ratio Lower Upper

164 100

129 96.2 62.6 116.2

131 90.6 61.0 113.4

166 129.7 87.3 162.1



#49

Dibromochloromethane

Concen: 4.297 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024487.D

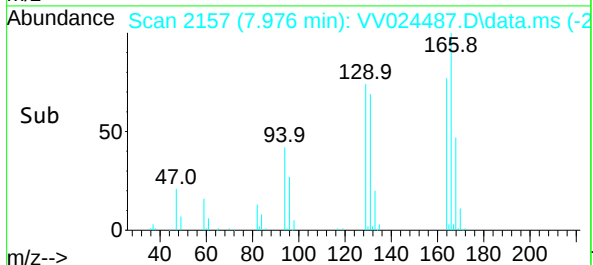
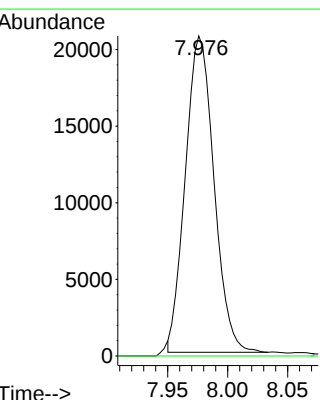
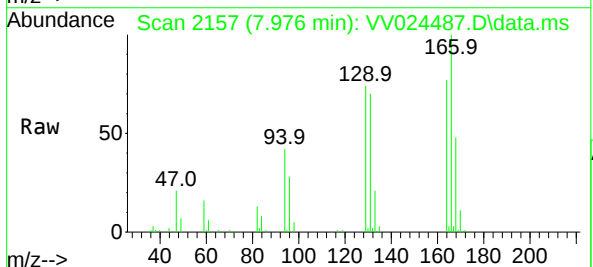
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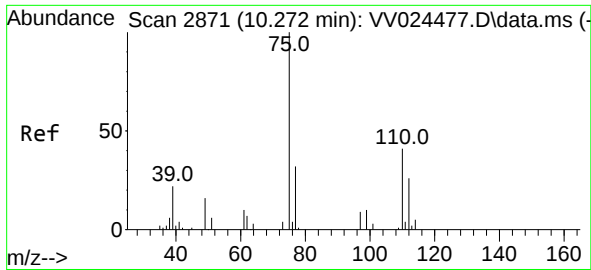
Tgt Ion:129 Resp: 34289

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.808 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024487.D

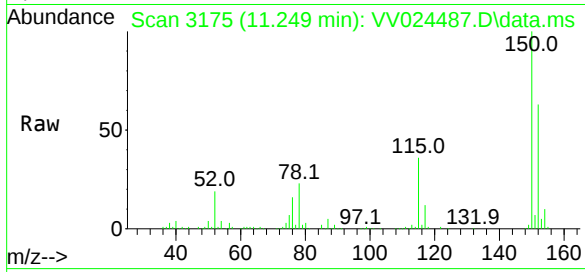
Acq: 28 Jan 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

VIBLK250



Tgt Ion: 75 Resp: 7879

Ion Ratio Lower Upper

75 100

77 32.9 26.4 39.6

110 2.4 34.2 51.2#

