

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025428.D
 Acq On : 08 Apr 2022 22:38
 Operator : SY/MD
 Sample : N2219-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H7

Quant Time: Apr 09 06:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116473	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	109787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61837	5.710	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.200%	
7) Chloroethane-d5	1.571	69	56177	4.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.111	63	91627	4.224	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	3.899	46	77059	58.502	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.000%	
24) Chloroform-d	4.352	84	86892	5.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	5.037	65	40828	5.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.800%	
32) Benzene-d6	5.050	84	171318	5.393	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.800%	
36) 1,2-Dichloropropane-d6	6.072	67	49205	5.554	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.000%	
41) Toluene-d8	7.317	98	143679	4.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.628	79	14478	4.862	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.200%	
46) 2-Hexanone-d5	8.088	63	59658	57.086	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32815	5.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50298	5.994	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	1137	0.108	ug/L	92
3) Chloromethane	1.243	50	950	0.083	ug/L	92
9) Trichlorofluoromethane	1.757	101	35564	1.960	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1138	0.112	ug/L #	39
12) 1,1-Dichloroethene	2.117	96	1513	0.150	ug/L #	1
18) trans-1,2-Dichloroethene	2.773	96	304	0.036	ug/L #	61
25) Chloroform	4.381	83	20110	1.329	ug/L	98
31) Carbon tetrachloride	4.831	117	1929	0.176	ug/L	99
33) Benzene	5.053	78	1432	0.044	ug/L	100
34) Trichloroethene	5.915	95	40696	4.726	ug/L	98
35) Methylcyclohexane	6.072	83	12614	0.918	ug/L #	32
37) 1,2-Dichloropropane	6.069	63	6029	0.804	ug/L #	85
38) Bromodichloromethane	6.522	83	930	0.100	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1324	0.135	ug/L #	45
44) trans-1,3-Dichloropropene	7.632	75	661	0.087	ug/L #	79
47) Tetrachloroethene	7.979	164	4458	0.661	ug/L	91
49) Dibromochloromethane	7.979	129	4239	0.769	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6530	1.981	ug/L #	59

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Quant Time: Apr 09 06:27:52 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 06:16:16 2022
Response via : Initial Calibration

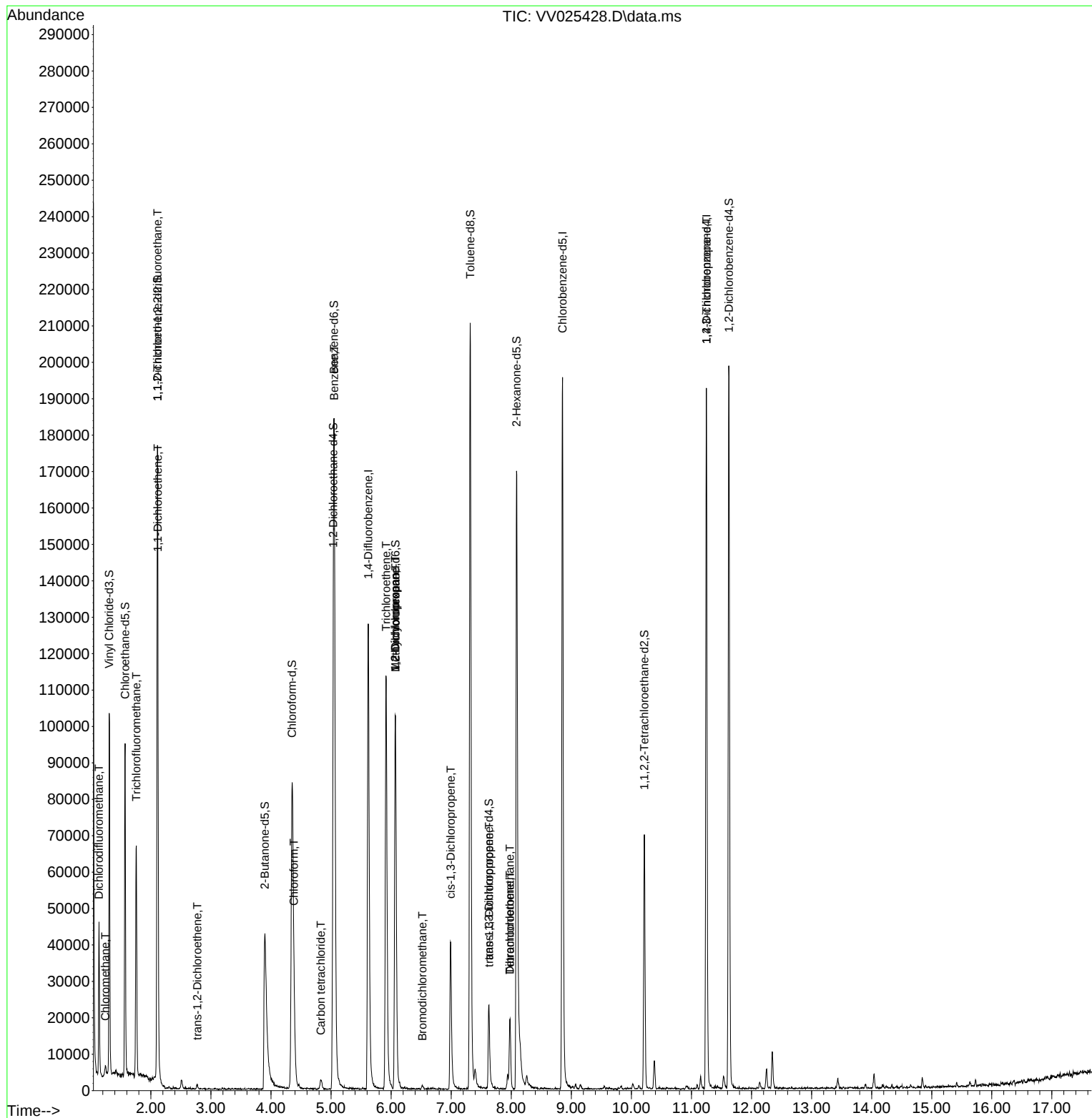
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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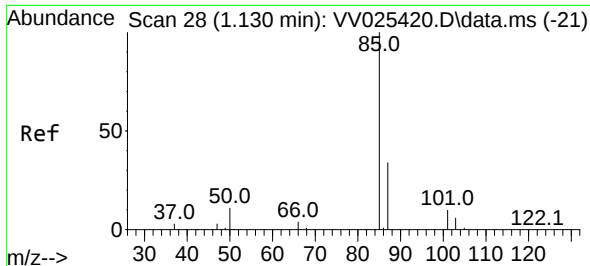
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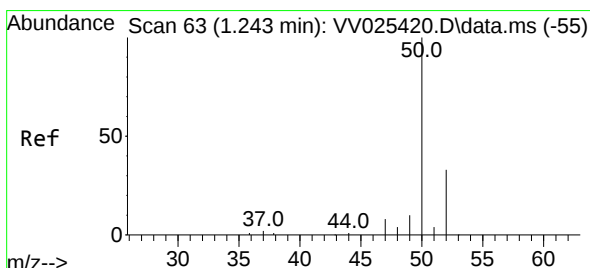
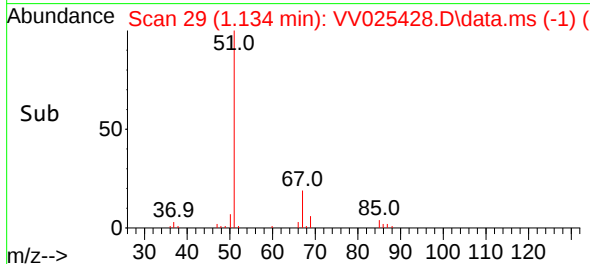
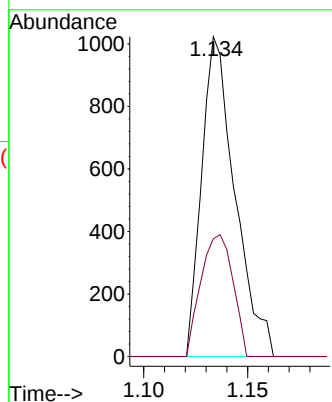
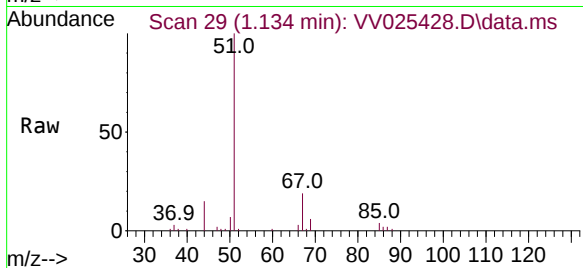




#2
 Dichlorodifluoromethane
 Concen: 0.108 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025428.D
 Acq: 08 Apr 2022 22:38

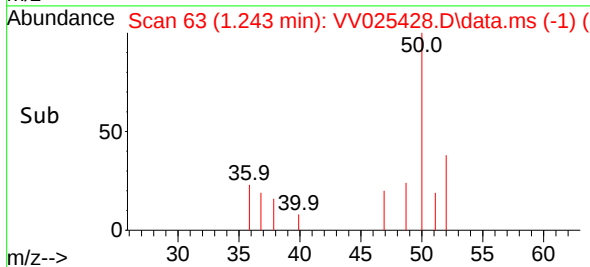
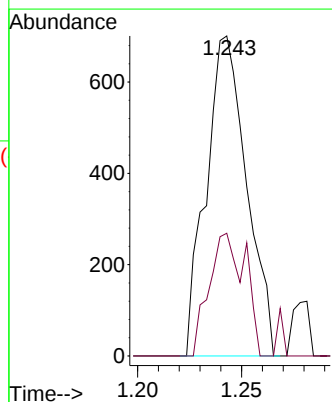
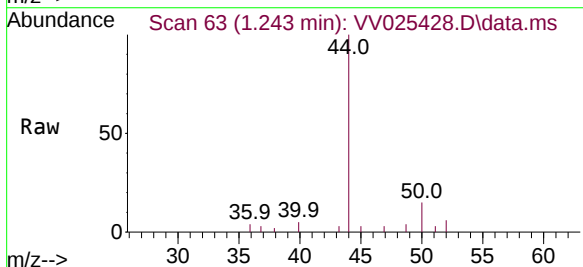
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H7

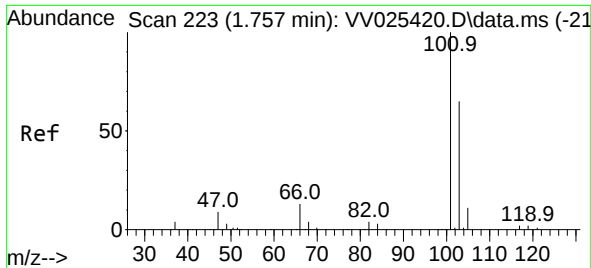
Tgt Ion: 85 Resp: 1137
 Ion Ratio Lower Upper
 85 100
 87 36.6 25.6 38.4



#3
 Chloromethane
 Concen: 0.083 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025428.D
 Acq: 08 Apr 2022 22:38

Tgt Ion: 50 Resp: 950
 Ion Ratio Lower Upper
 50 100
 52 38.4 23.7 43.9

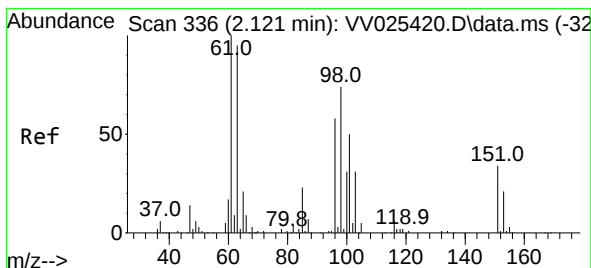
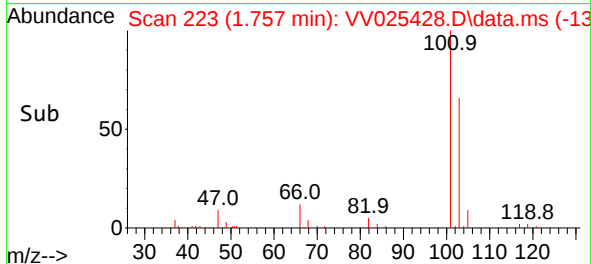
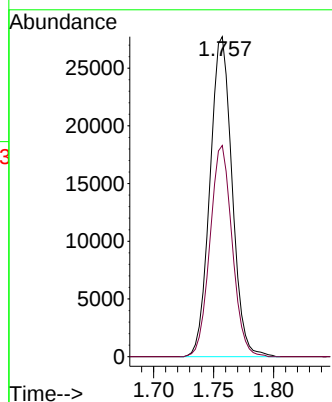
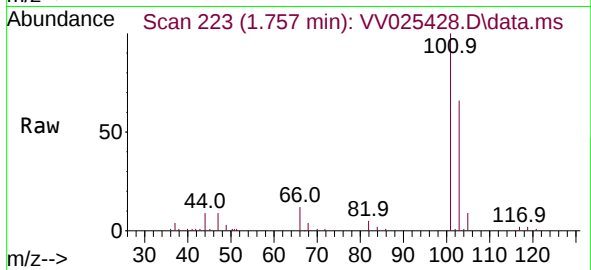




#9
Trichlorofluoromethane
Concen: 1.960 ug/L
RT: 1.757 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025428.D
Acq: 08 Apr 2022 22:38

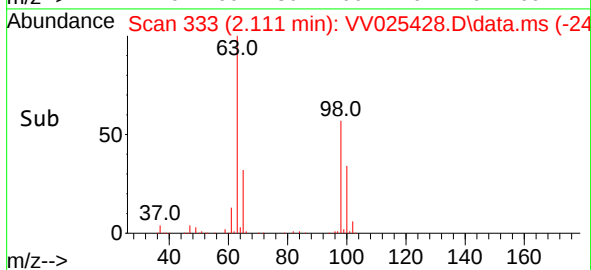
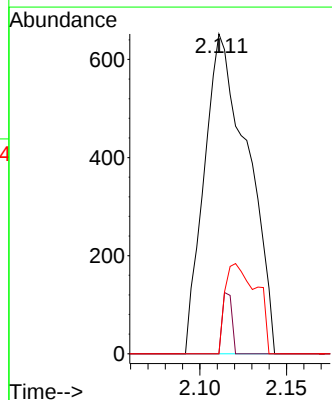
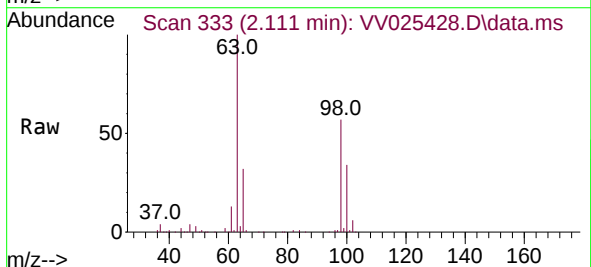
Instrument :
MSVOA_V
ClientSampleId :
YB2H7

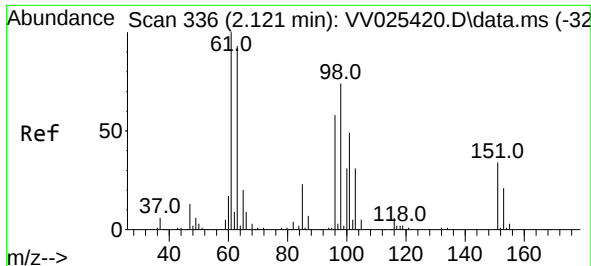
Tgt Ion:101 Resp: 35564
Ion Ratio Lower Upper
101 100
103 66.1 51.9 77.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.112 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV025428.D
Acq: 08 Apr 2022 22:38

Tgt Ion:101 Resp: 1138
Ion Ratio Lower Upper
101 100
85 4.1 35.9 53.9#
151 20.5 56.0 84.0#





#12

1,1-Dichloroethene

Concen: 0.150 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025428.D

Acq: 08 Apr 2022 22:38

Instrument :

MSVOA_V

ClientSampleId :

YB2H7

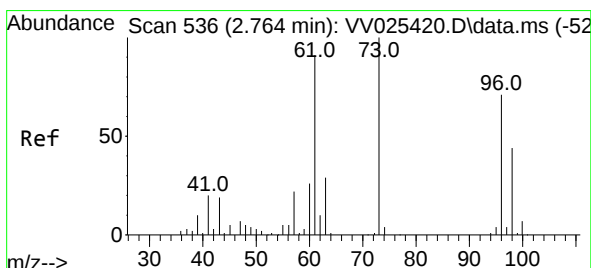
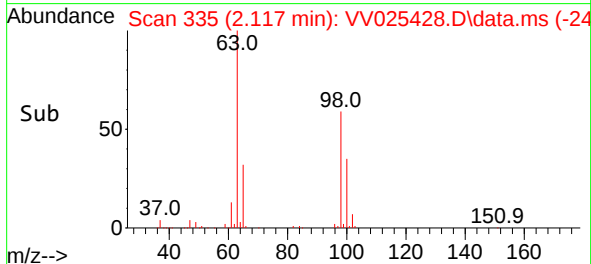
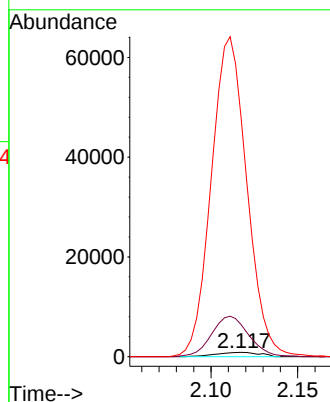
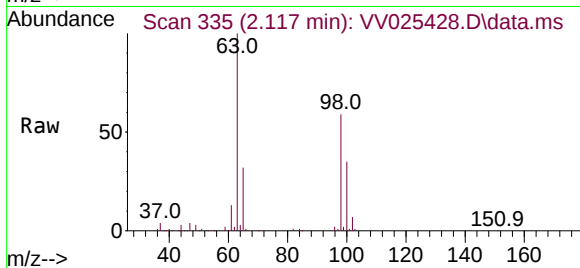
Tgt Ion: 96 Resp: 1513

Ion Ratio Lower Upper

96 100

61 752.2 125.2 232.4#

63 5594.4 114.4 212.4#



#18

trans-1,2-Dichloroethene

Concen: 0.036 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.009 min

Lab File: VV025428.D

Acq: 08 Apr 2022 22:38

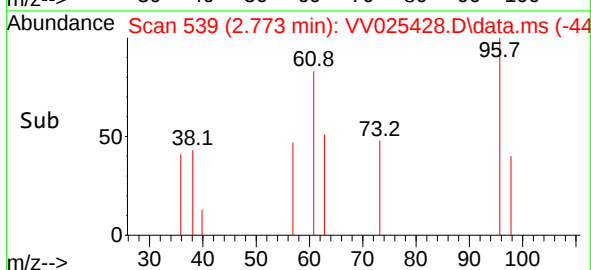
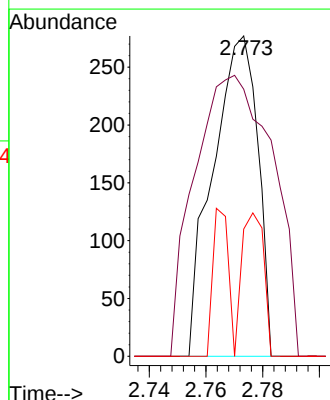
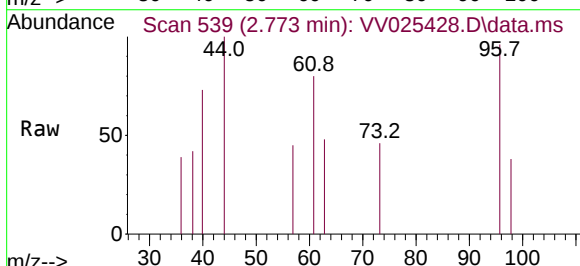
Tgt Ion: 96 Resp: 304

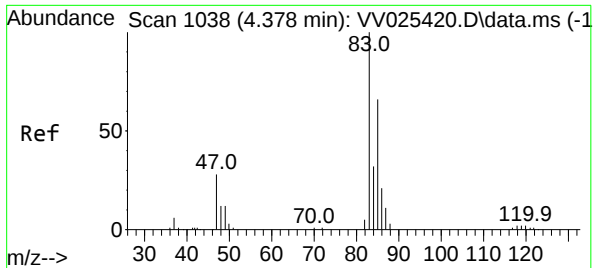
Ion Ratio Lower Upper

96 100

61 83.4 92.1 171.1#

98 39.7 47.5 88.1#





#25

Chloroform

Concen: 1.329 ug/L

RT: 4.381 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV025428.D

Acq: 08 Apr 2022 22:38

Instrument :

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ClientSampleId :

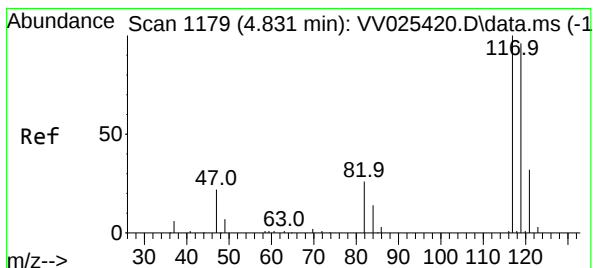
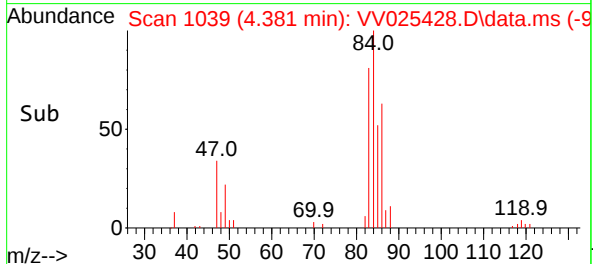
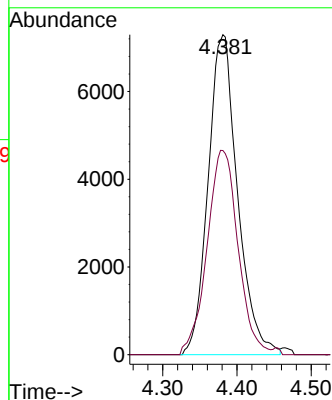
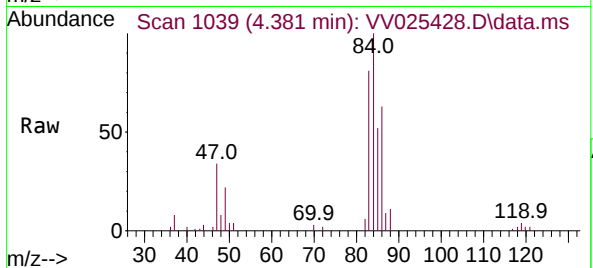
YB2H7

Tgt Ion: 83 Resp: 20110

Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7



#31

Carbon tetrachloride

Concen: 0.176 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VV025428.D

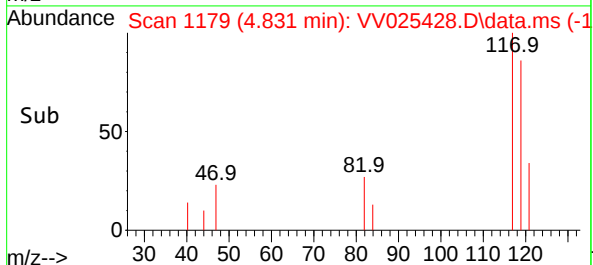
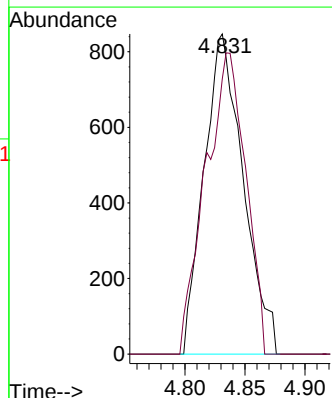
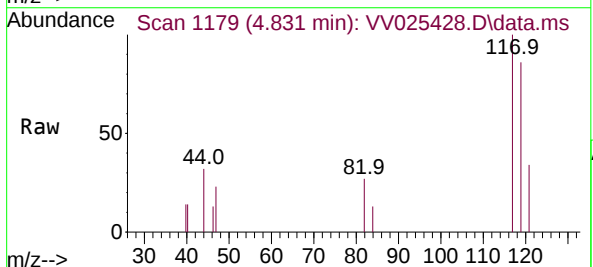
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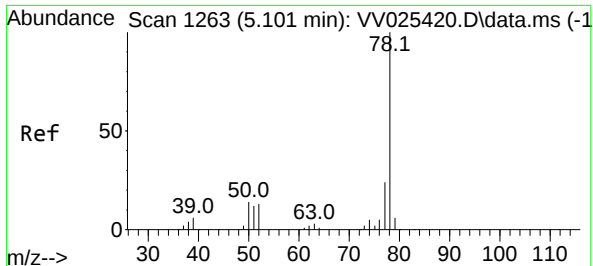
Tgt Ion: 117 Resp: 1929

Ion Ratio Lower Upper

117 100

119 96.7 76.6 114.8

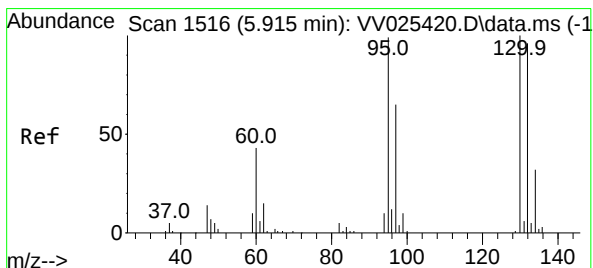
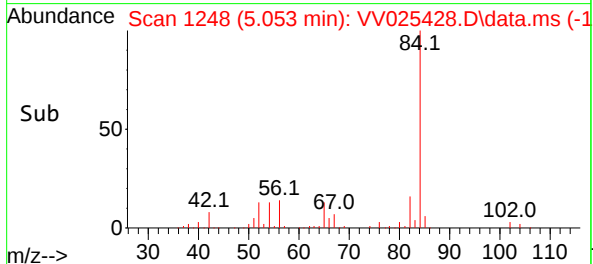
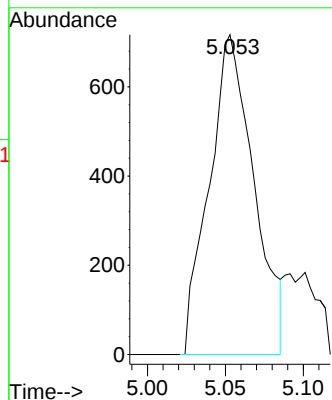
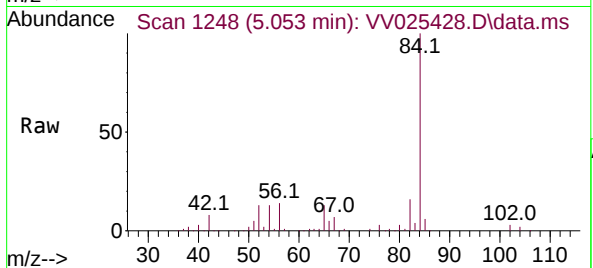




#33
Benzene
Concen: 0.044 ug/L
RT: 5.053 min Scan# 11
Delta R.T. -0.048 min
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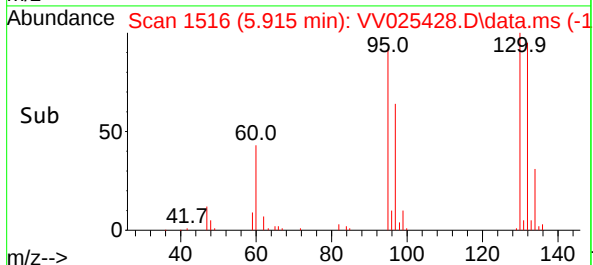
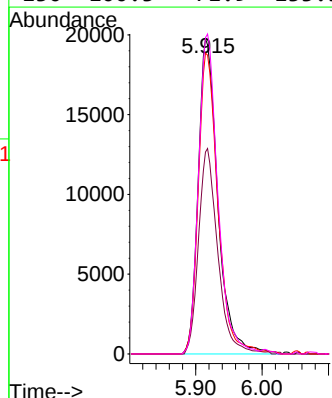
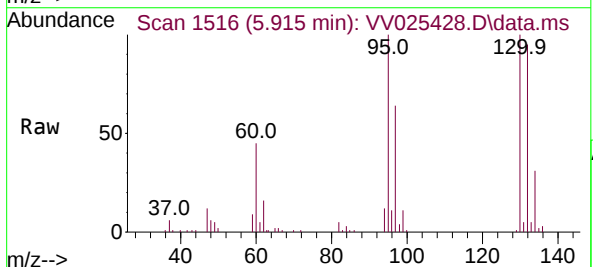
Tgt Ion: 78 Resp: 1432

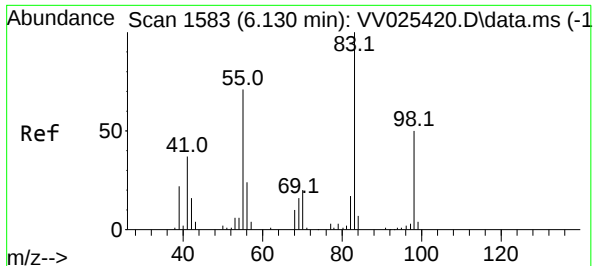


#34
Trichloroethene
Concen: 4.726 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV025428.D
Acq: 08 Apr 2022 22:38

Tgt Ion: 95 Resp: 40696

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.8	85.2
132	95.5	68.0	126.4
130	100.3	71.9	133.5





#35

Methylcyclohexane

Concen: 0.918 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025428.D

Acq: 08 Apr 2022 22:38

Instrument :

MSVOA_V

ClientSampleId :

YB2H7

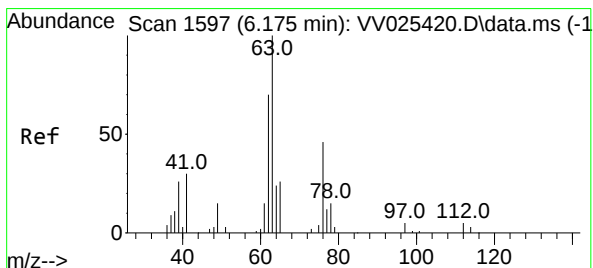
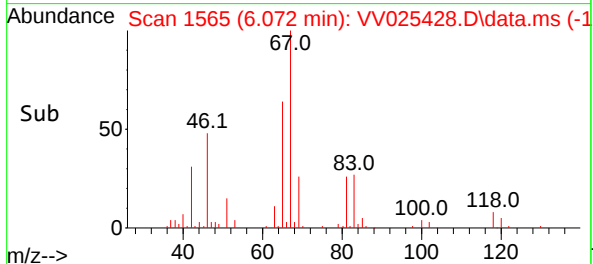
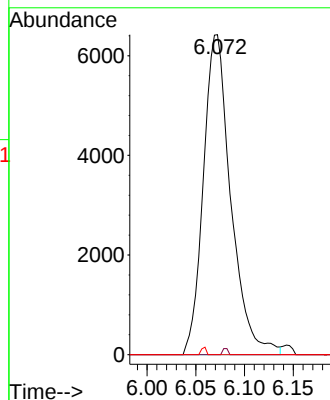
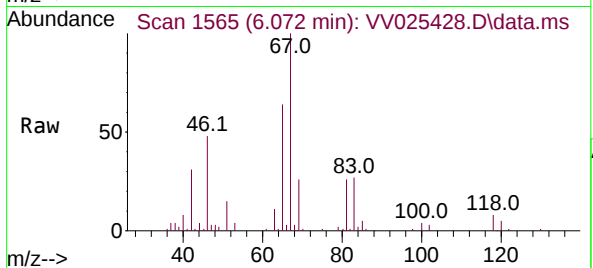
Tgt Ion: 83 Resp: 12614

Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 16.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.804 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV025428.D

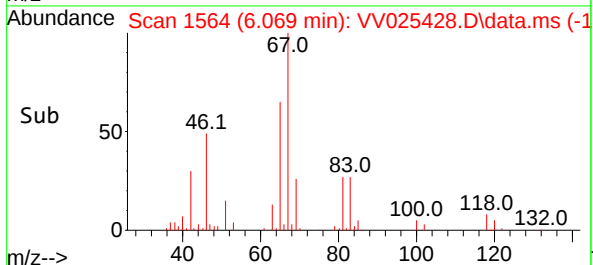
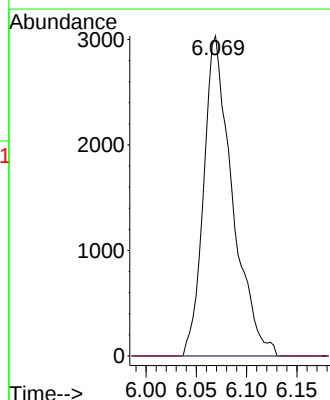
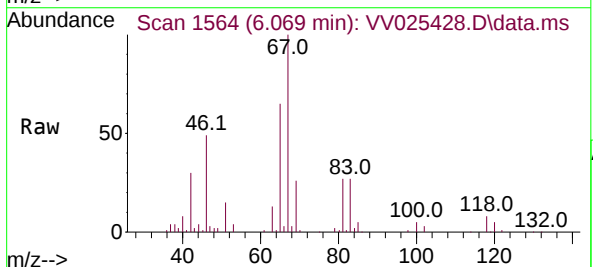
Acq: 08 Apr 2022 22:38

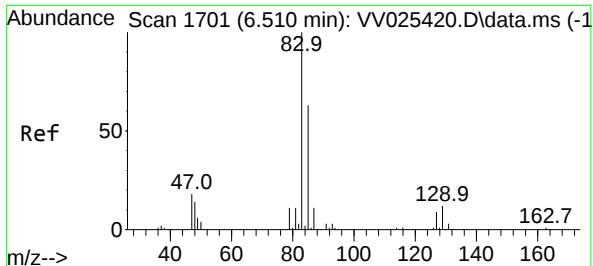
Tgt Ion: 63 Resp: 6029

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

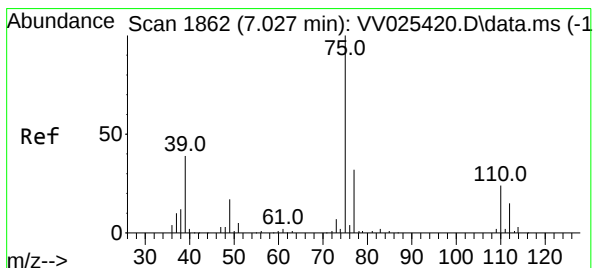
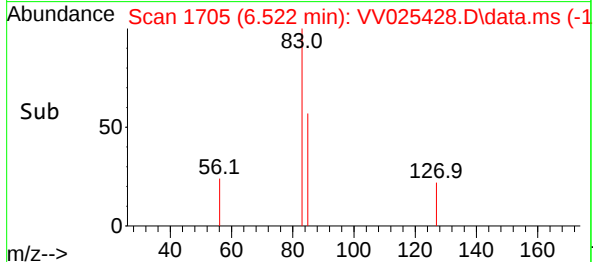
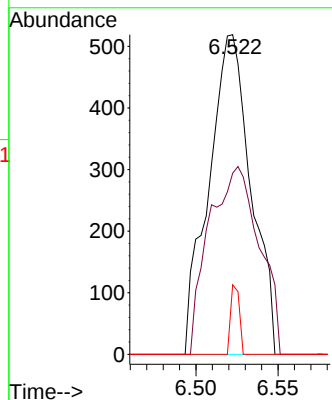
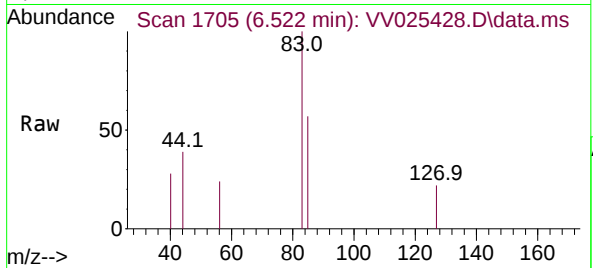




#38
Bromodichloromethane
Concen: 0.100 ug/L
RT: 6.522 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025428.D
Acq: 08 Apr 2022 22:38

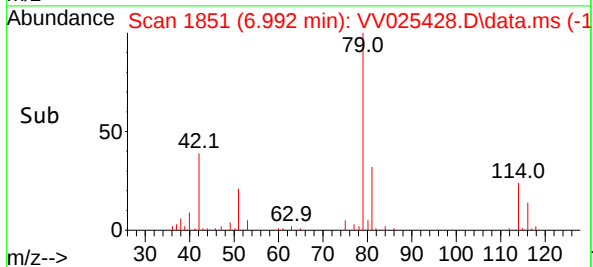
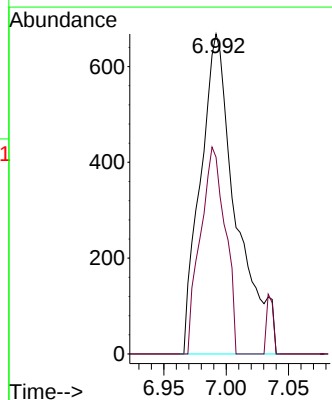
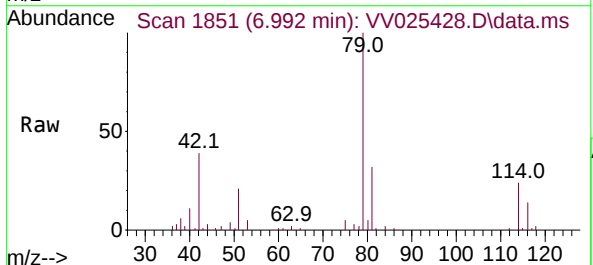
Instrument :
MSVOA_V
ClientSampleId :
YB2H7

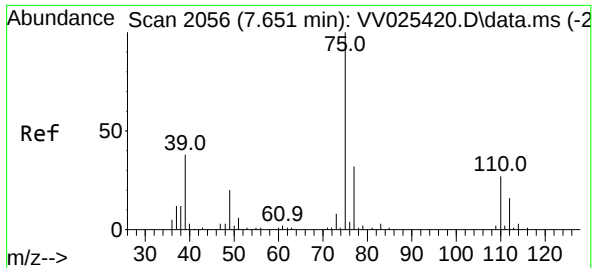
Tgt Ion: 83 Resp: 930
Ion Ratio Lower Upper
83 100
85 56.6 44.4 82.4
127 21.8 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.135 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.036 min
Lab File: VV025428.D
Acq: 08 Apr 2022 22:38

Tgt Ion: 75 Resp: 1324
Ion Ratio Lower Upper
75 100
77 61.5 21.8 40.6#

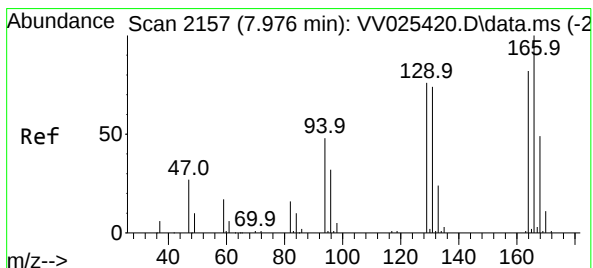
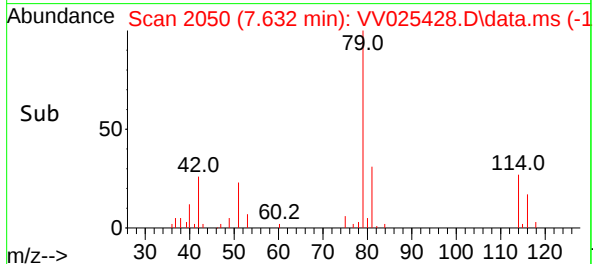
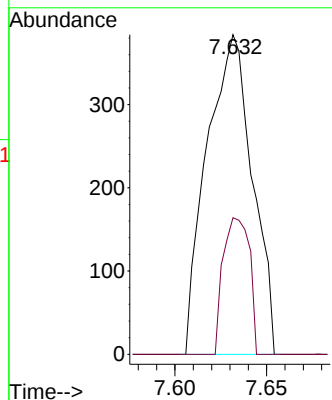
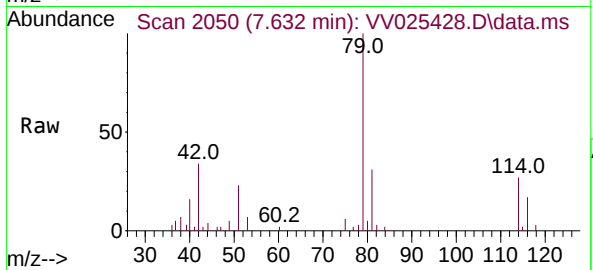




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.632 min Scan# 2050
Delta R.T. -0.019 min
Lab File: VV025428.D
Acq: 08 Apr 2022 22:38

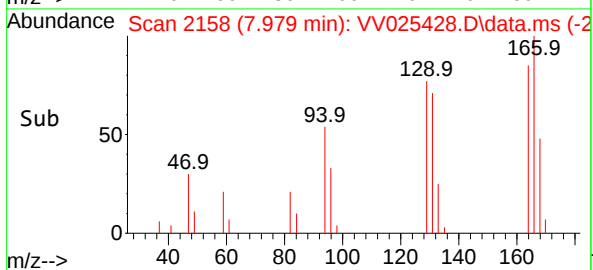
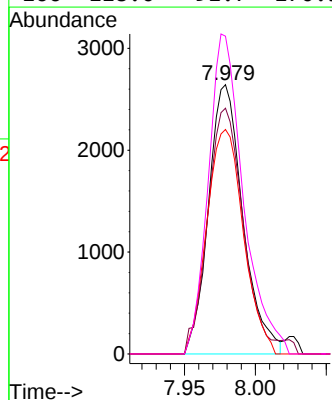
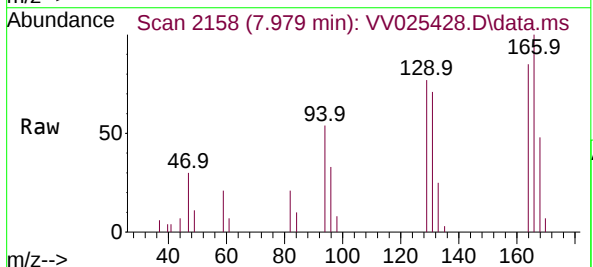
Instrument :
MSVOA_V
ClientSampleId :
YB2H7

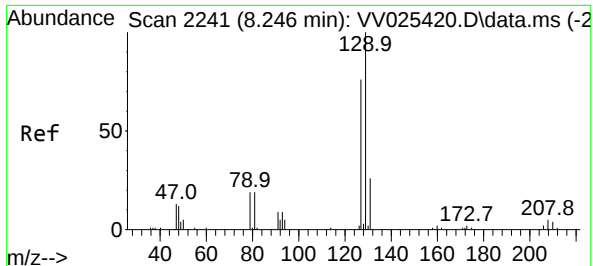
Tgt Ion: 75 Resp: 661
Ion Ratio Lower Upper
75 100
77 42.7 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.661 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV025428.D
Acq: 08 Apr 2022 22:38

Tgt Ion: 164 Resp: 4458
Ion Ratio Lower Upper
164 100
129 91.2 66.8 124.2
131 83.3 66.4 123.4
166 118.0 91.7 170.3





#49

Dibromochloromethane

Concen: 0.769 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV025428.D

Acq: 08 Apr 2022 22:38

Instrument :

MSVOA_V

ClientSampleId :

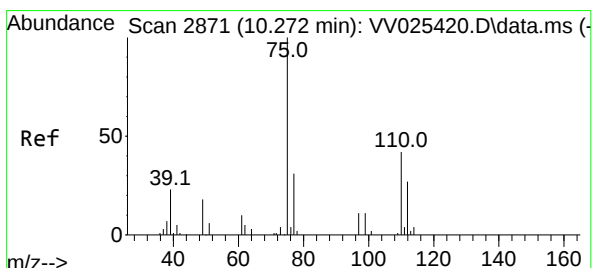
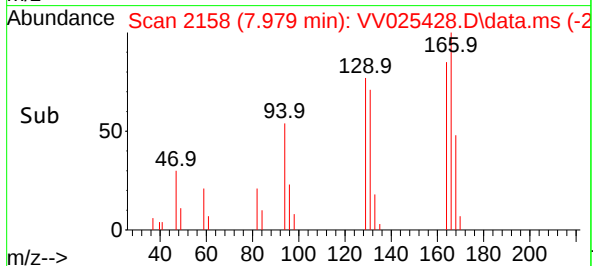
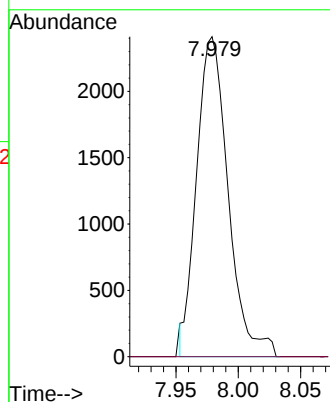
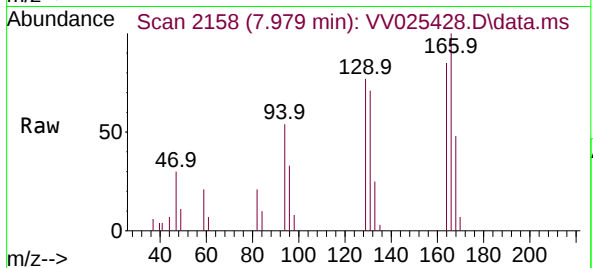
YB2H7

Tgt Ion:129 Resp: 4239

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.981 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025428.D

Acq: 08 Apr 2022 22:38

Tgt Ion: 75 Resp: 6530

Ion Ratio Lower Upper

75 100

77 36.7 25.6 38.4

110 1.8 34.7 52.1#

