

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025911.D
 Acq On : 16 May 2022 14:45
 Operator : SY/MD
 Sample : N2831-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K2

Quant Time: May 17 08:01:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140046	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	143925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57927	5.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.200%	
7) Chloroethane-d5	1.568	69	53582	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.200%	
11) 1,1-Dichloroethene-d2	2.111	63	117068	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 91.400%	
20) 2-Butanone-d5	3.902	46	63506	47.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 94.820%	
24) Chloroform-d	4.352	84	97523	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.200%	
26) 1,2-Dichloroethane-d4	5.037	65	43390	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.400%	
32) Benzene-d6	5.053	84	194140	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.800%	
36) 1,2-Dichloropropane-d6	6.072	67	58251	5.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.200%	
41) Toluene-d8	7.316	98	160186	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 92.200%	
43) trans-1,3-Dichloroprop...	7.628	79	14476	4.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 81.400%	
46) 2-Hexanone-d5	8.091	63	68911	52.230	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 104.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39933	5.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 114.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54242	5.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	909	0.052	ug/L	100
5) Vinyl chloride	1.313	62	1788	0.096	ug/L #	1
8) Chloroethane	1.429	64	211471	17.568	ug/L #	51
12) 1,1-Dichloroethene	2.121	96	44887	3.335	ug/L #	86
14) Carbon disulfide	2.297	76	9885	0.285	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	2890	0.135	ug/L #	75
18) trans-1,2-Dichloroethene	2.767	96	413	0.035	ug/L #	84
19) 1,1-Dichloroethane	3.194	63	40639	1.829	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	74513	6.214	ug/L	100
27) 1,2-Dichloroethane	5.146	62	4676	0.394	ug/L #	94
33) Benzene	5.114	78	2748	0.056	ug/L	100
34) Trichloroethene	5.915	95	121030	9.723	ug/L	99
35) Methylcyclohexane	6.072	83	14233	0.745	ug/L #	19
39) cis-1,3-Dichloropropene	6.992	75	1154	0.078	ug/L #	46
47) Tetrachloroethene	7.976	164	28469	2.951	ug/L	94
49) Dibromochloromethane	7.976	129	27682	3.210	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	9195	1.537	ug/L #	64

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Quant Time: May 17 08:01:57 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 17 07:58:29 2022
Response via : Initial Calibration

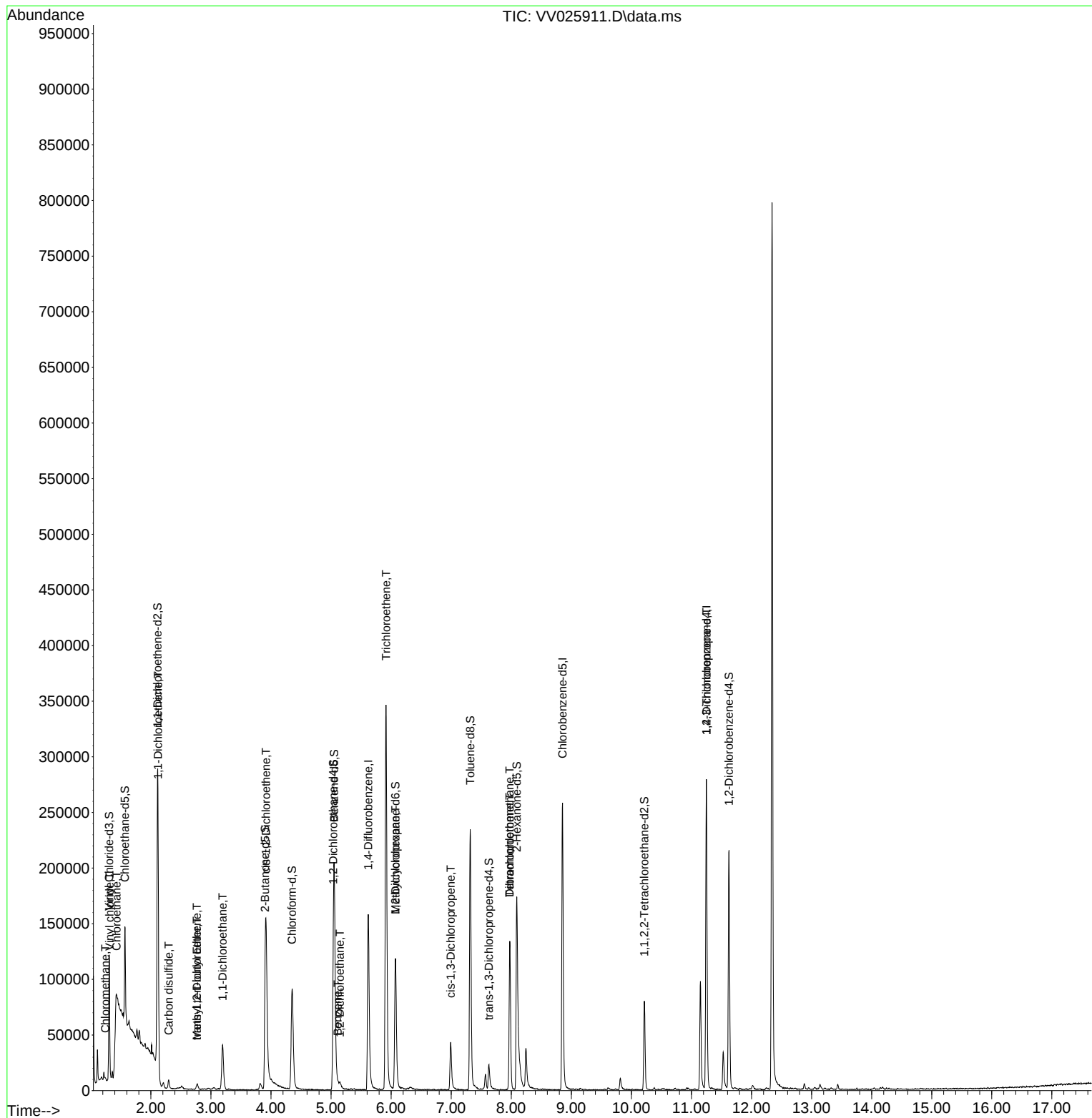
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

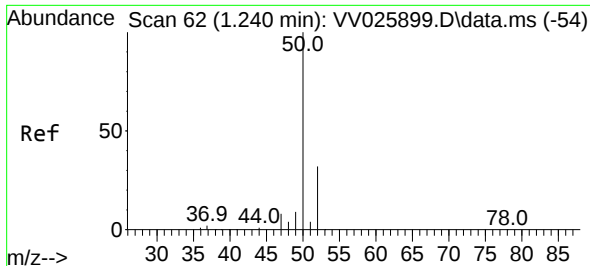
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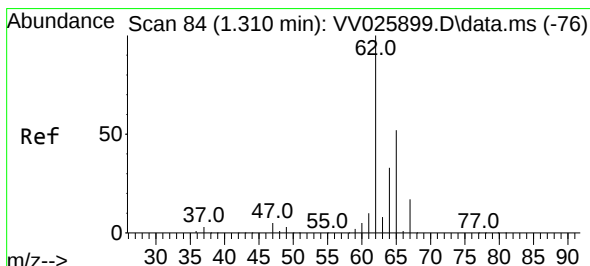
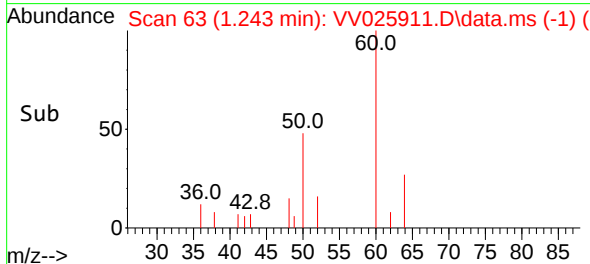
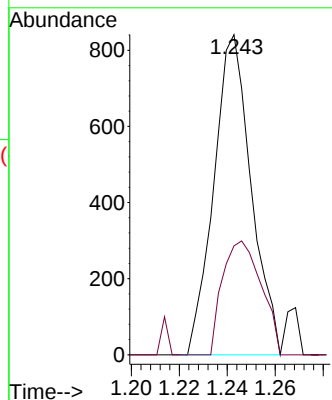
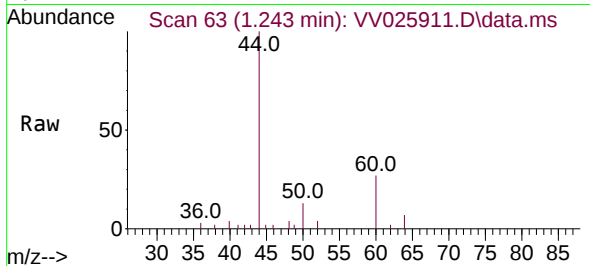




#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

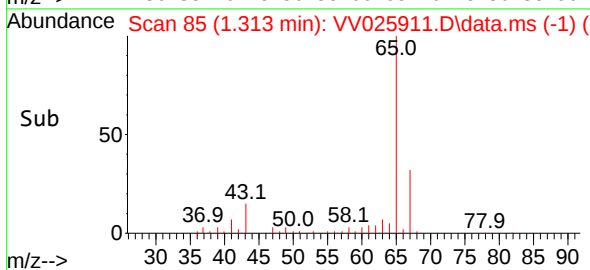
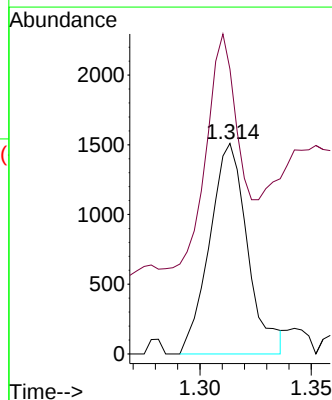
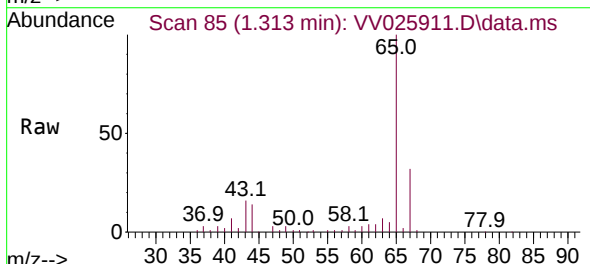
Instrument :
MSVOA_V
ClientSampleId :
YB2K2

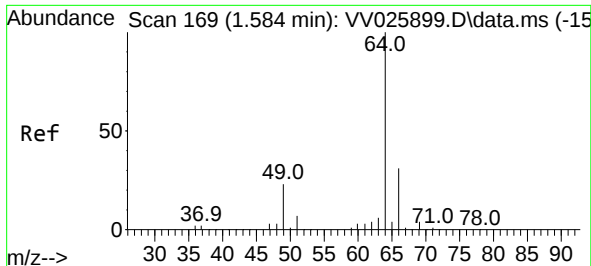
Tgt Ion: 50 Resp: 909
Ion Ratio Lower Upper
50 100
52 34.0 23.9 44.3



#5
Vinyl chloride
Concen: 0.096 ug/L
RT: 1.313 min Scan# 85
Delta R.T. 0.003 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

Tgt Ion: 62 Resp: 1788
Ion Ratio Lower Upper
62 100
64 135.3 22.9 42.5#

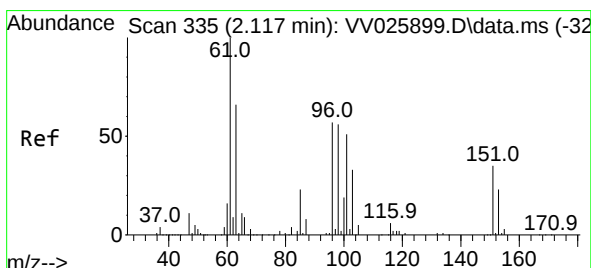
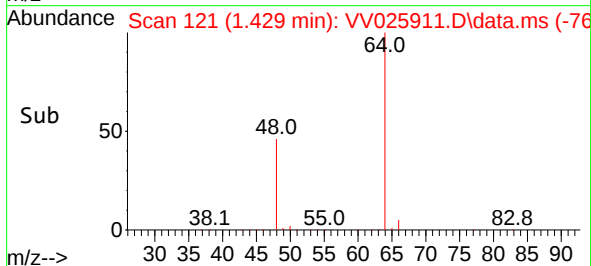
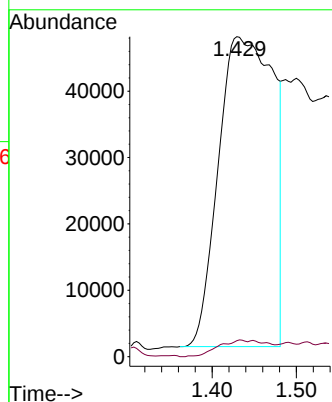
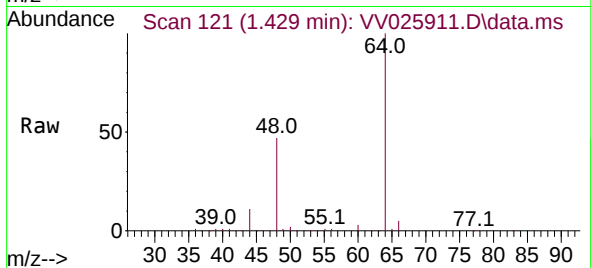




#8
Chloroethane
Concen: 17.568 ug/L
RT: 1.429 min Scan# 11
Delta R.T. -0.154 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

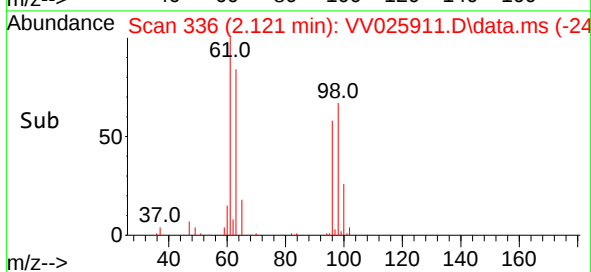
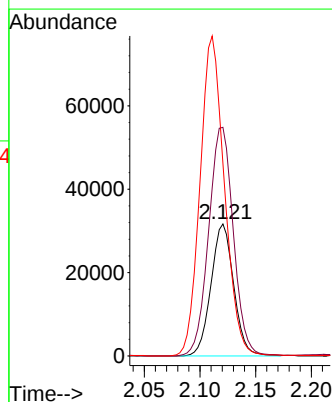
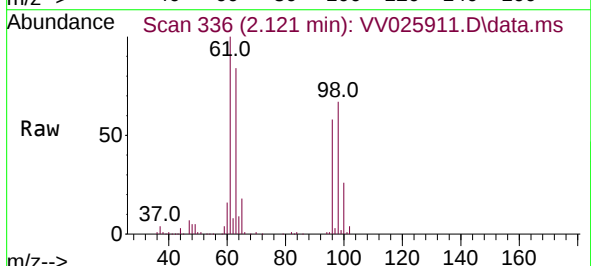
Instrument :
MSVOA_V
ClientSampleId :
YB2K2

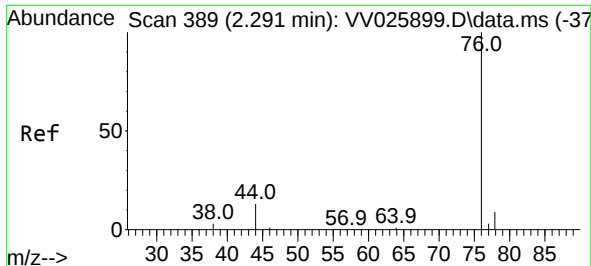
Tgt Ion: 64 Resp: 211471
Ion Ratio Lower Upper
64 100
66 5.0 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 3.335 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

Tgt Ion: 96 Resp: 44887
Ion Ratio Lower Upper
96 100
61 173.2 119.8 222.6
63 145.9 78.3 145.3#

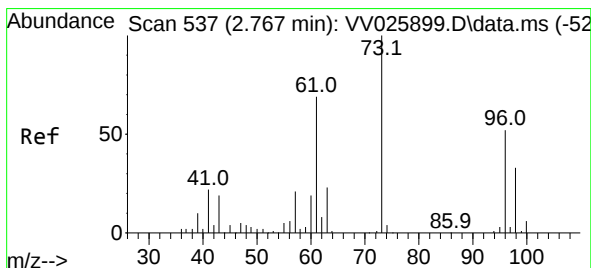
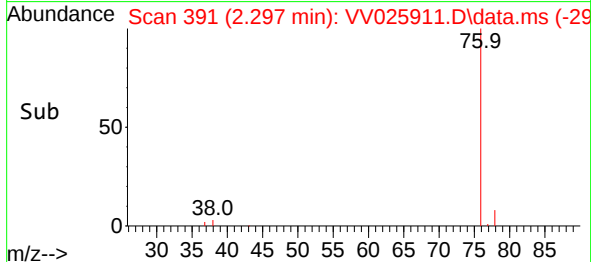
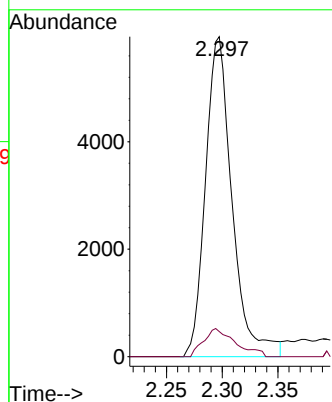
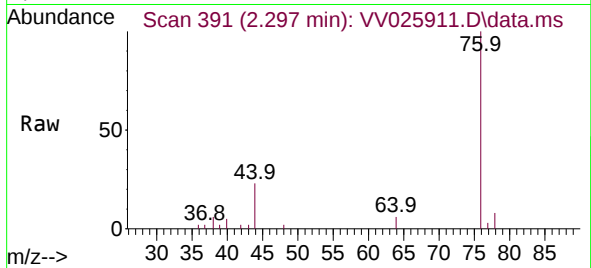




#14
Carbon disulfide
Concen: 0.285 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

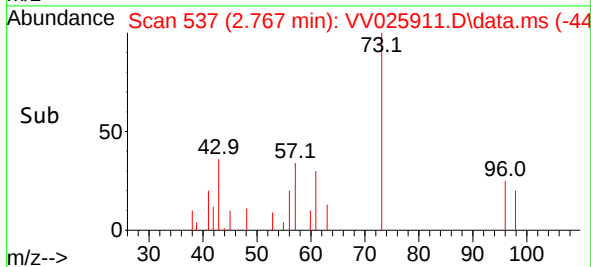
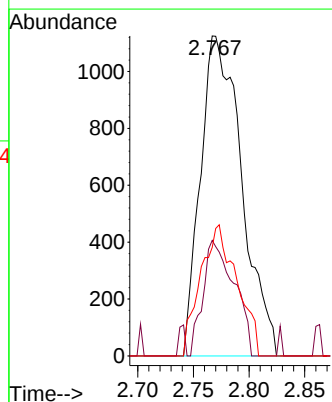
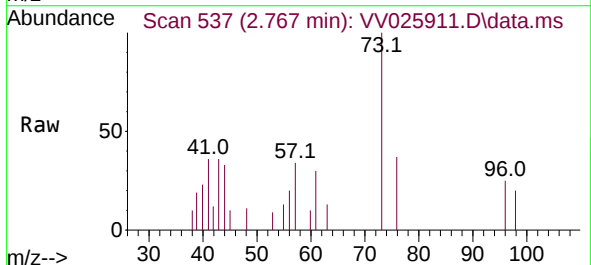
Instrument :
MSVOA_V
ClientSampleId :
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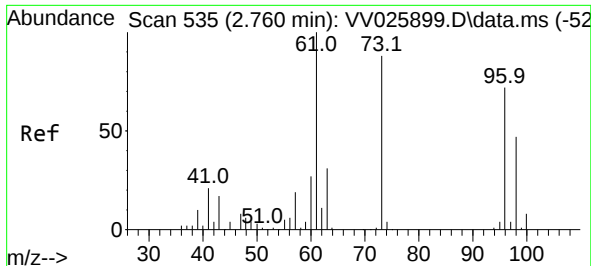
Tgt Ion: 76 Resp: 9885
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6



#17
Methyl tert-butyl Ether
Concen: 0.135 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

Tgt Ion: 73 Resp: 2890
Ion Ratio Lower Upper
73 100
43 27.3 14.6 22.0#
57 36.2 17.9 26.9#

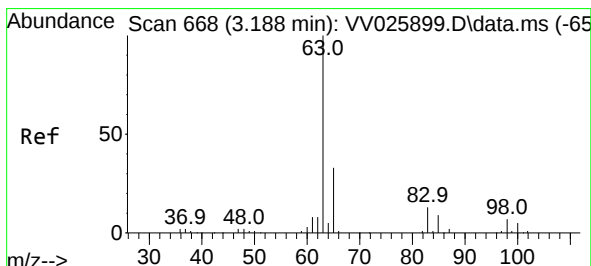
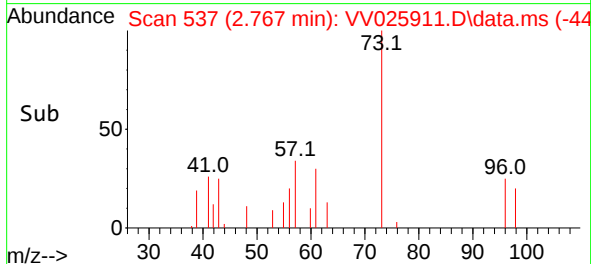
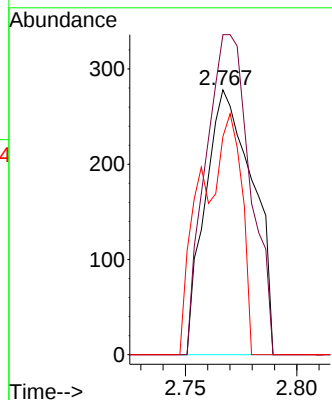
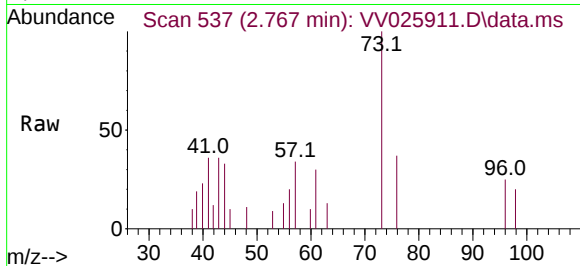




#18
trans-1,2-Dichloroethene
Concen: 0.035 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

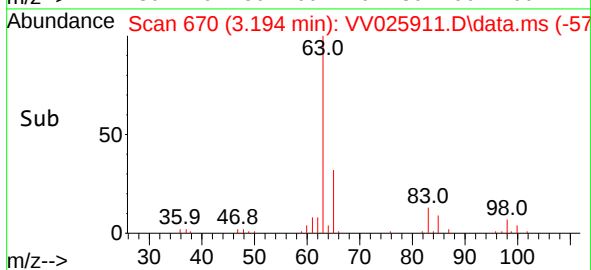
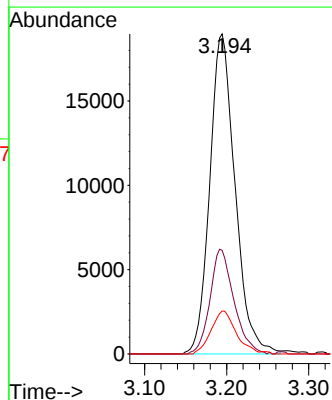
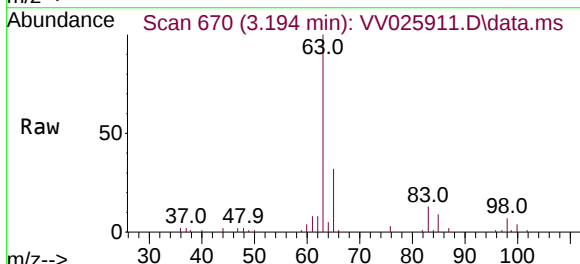
Instrument :
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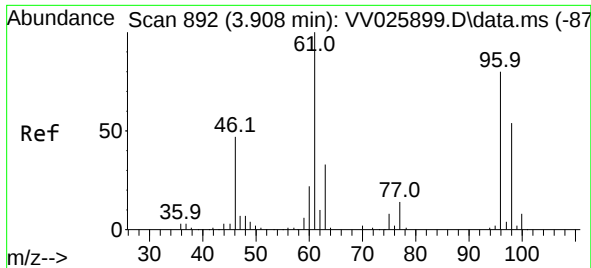
Tgt Ion: 96 Resp: 413
Ion Ratio Lower Upper
96 100
61 120.9 93.6 173.8
98 82.4 42.8 79.4#



#19
1,1-Dichloroethane
Concen: 1.829 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

Tgt Ion: 63 Resp: 40639
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.5
83 13.4 10.0 18.6





#22

cis-1,2-Dichloroethene

Concen: 6.214 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025911.D

Acq: 16 May 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

YB2K2

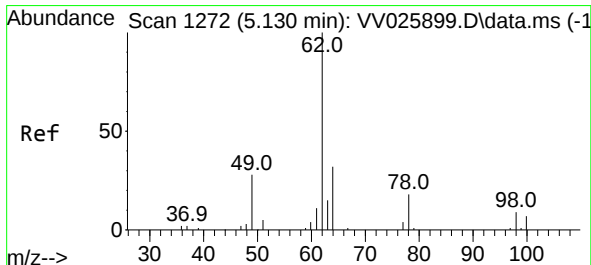
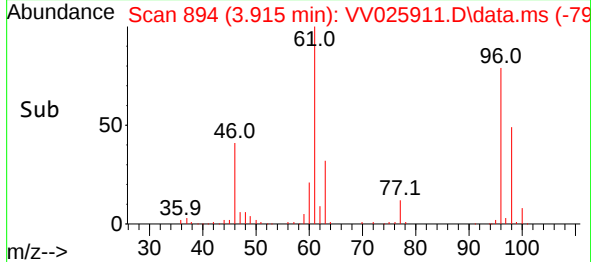
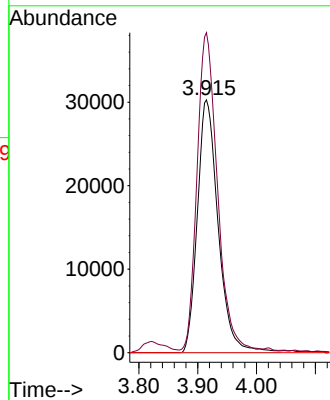
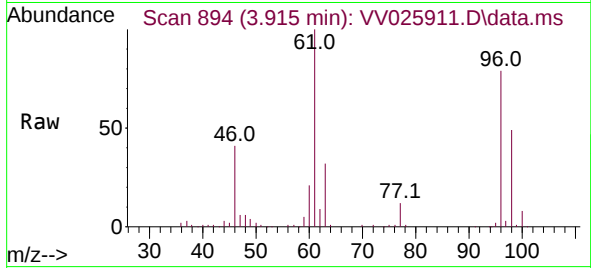
Tgt Ion: 96 Resp: 74513

Ion Ratio Lower Upper

96 100

61 126.5 88.9 165.1

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.394 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.016 min

Lab File: VV025911.D

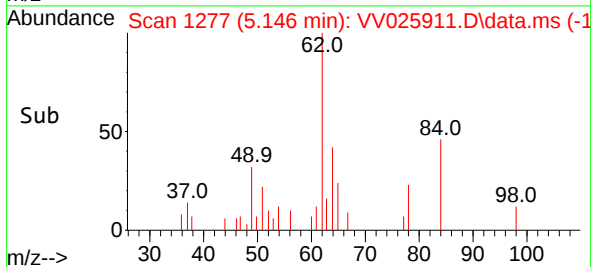
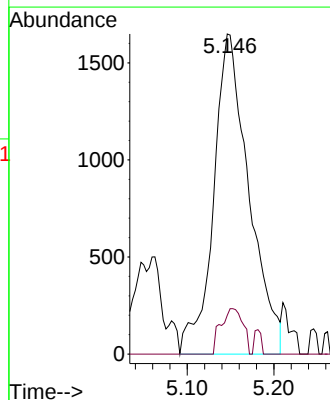
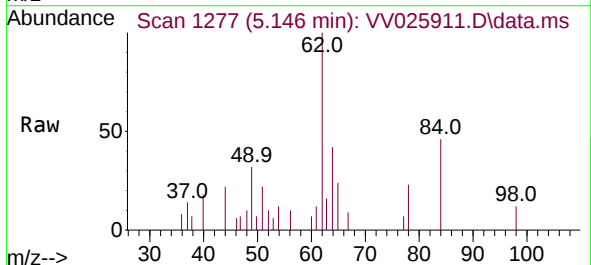
Acq: 16 May 2022 14:45

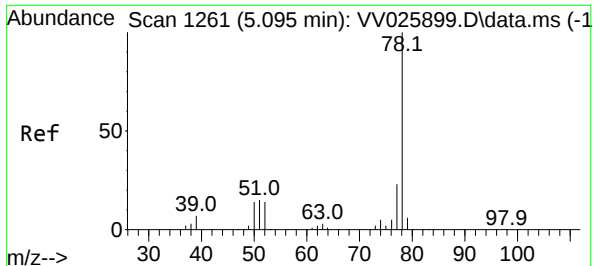
Tgt Ion: 62 Resp: 4676

Ion Ratio Lower Upper

62 100

98 12.1 7.9 11.9#

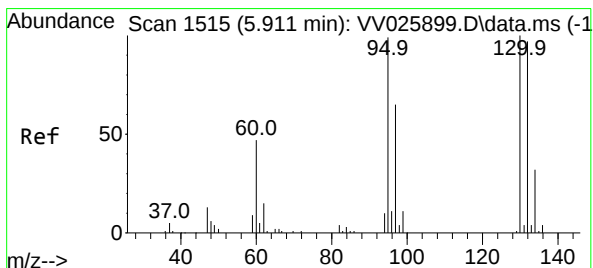
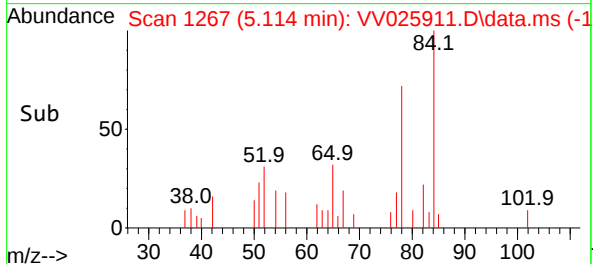
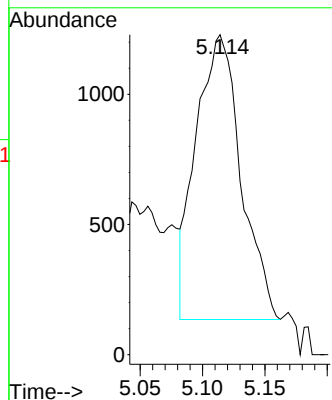
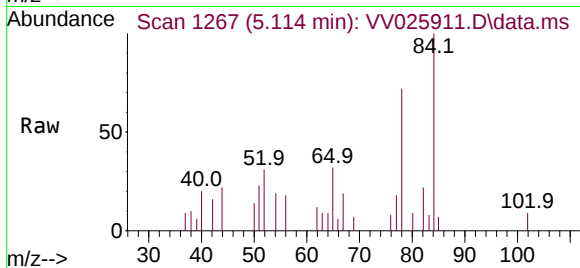




#33
Benzene
Concen: 0.056 ug/L
RT: 5.114 min Scan# 11
Delta R.T. 0.019 min
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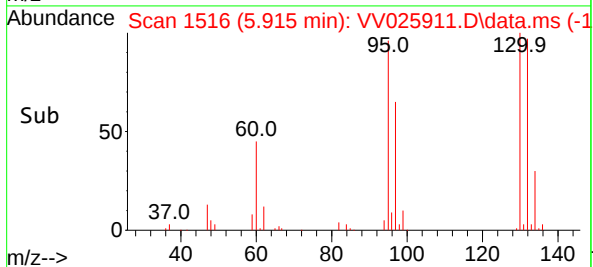
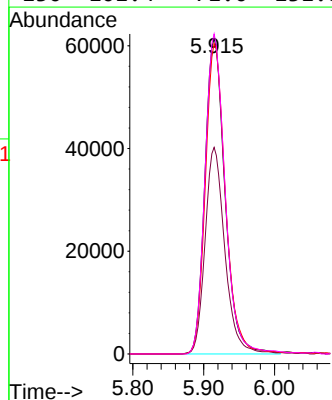
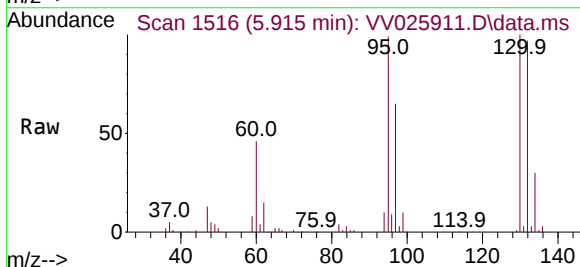
Tgt Ion: 78 Resp: 2748

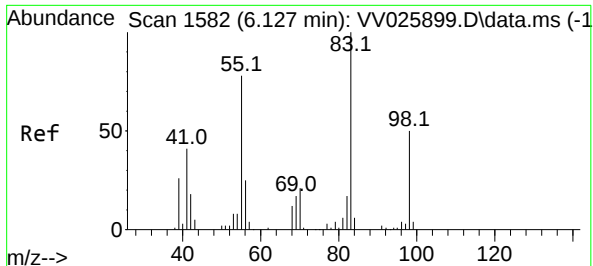


#34
Trichloroethene
Concen: 9.723 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025911.D
Acq: 16 May 2022 14:45

Tgt Ion: 95 Resp: 121030

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.9	83.3
132	98.4	67.6	125.6
130	101.4	71.0	131.8





#35

Methylcyclohexane

Concen: 0.745 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV025911.D

Acq: 16 May 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

YB2K2

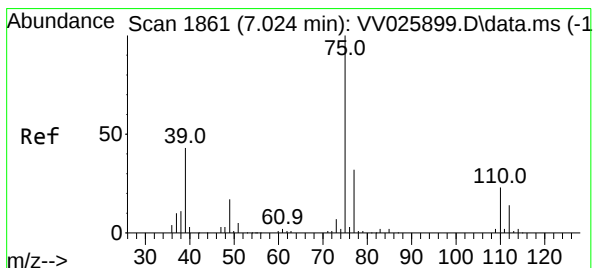
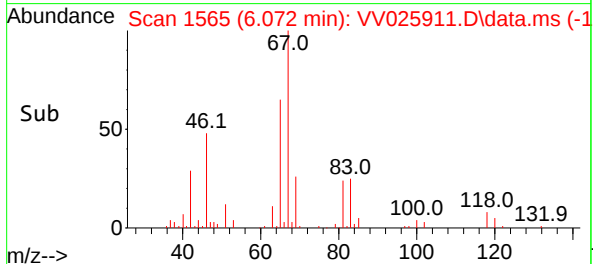
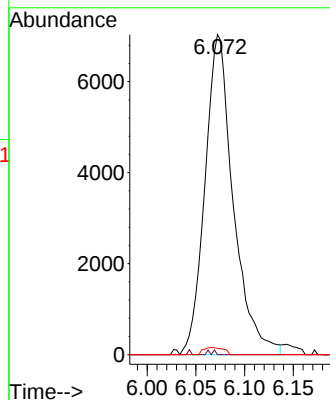
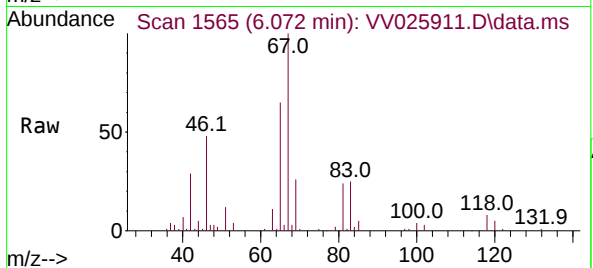
Tgt Ion: 83 Resp: 14233

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

98 1.6 40.6 61.0#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025911.D

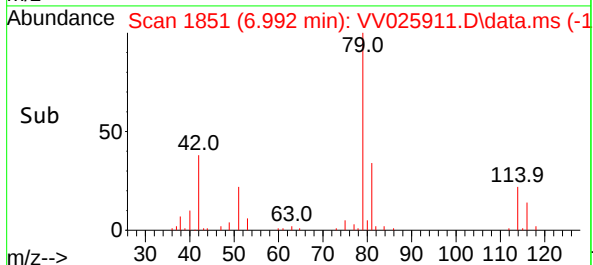
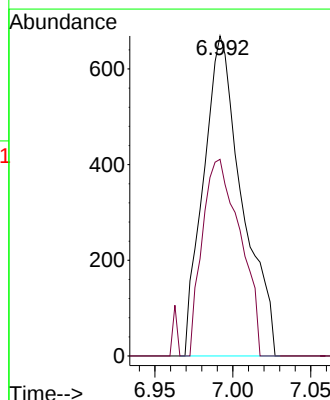
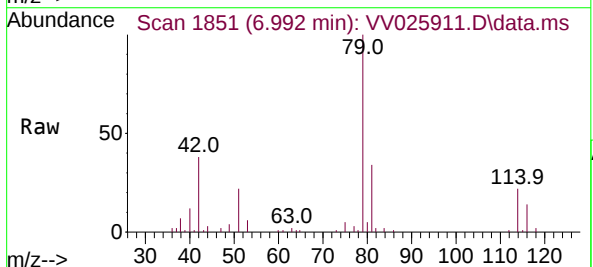
Acq: 16 May 2022 14:45

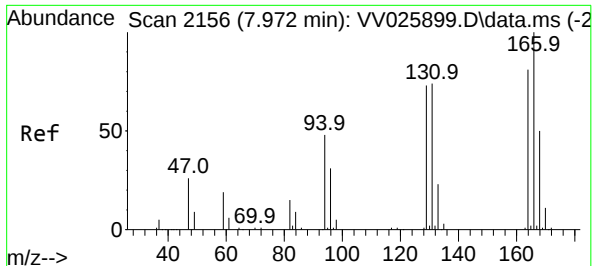
Tgt Ion: 75 Resp: 1154

Ion Ratio Lower Upper

75 100

77 61.4 22.1 41.1#





#47

Tetrachloroethene

Concen: 2.951 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025911.D

Acq: 16 May 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

YB2K2

Tgt Ion:164 Resp: 28469

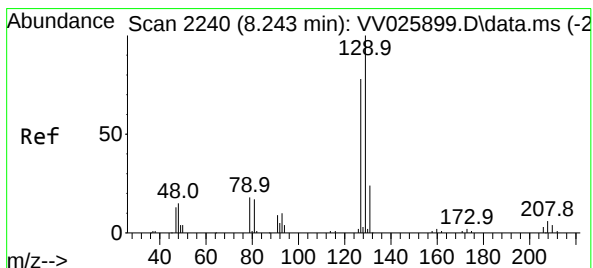
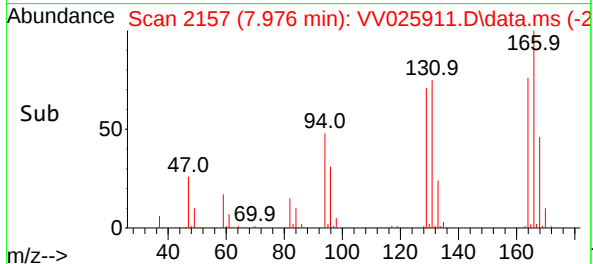
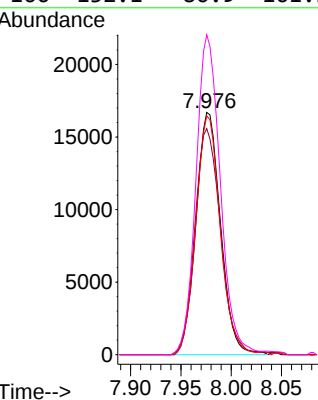
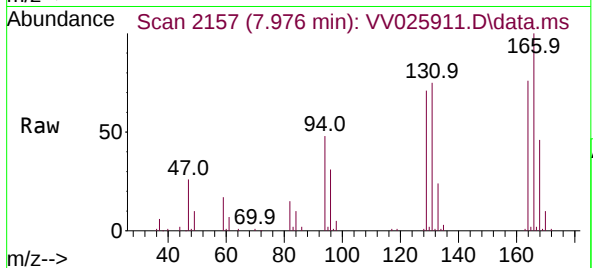
Ion Ratio Lower Upper

164 100

129 93.3 67.5 125.4

131 98.6 63.8 118.4

166 132.1 86.9 161.3



#49

Dibromochloromethane

Concen: 3.210 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025911.D

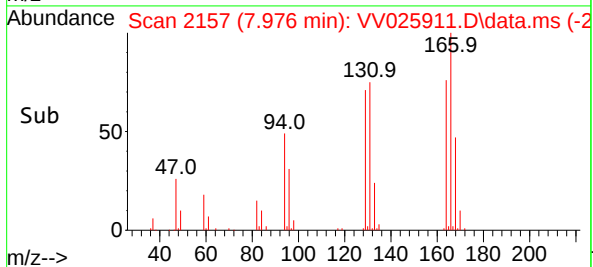
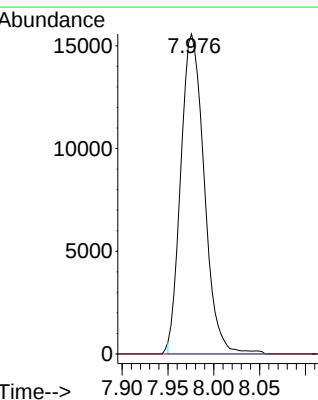
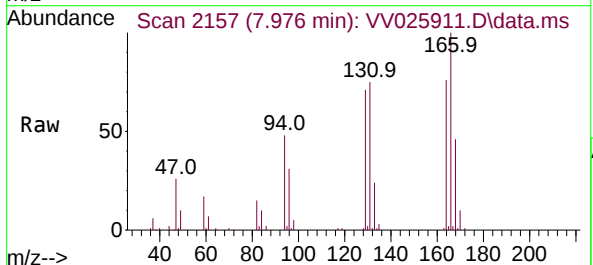
Acq: 16 May 2022 14:45

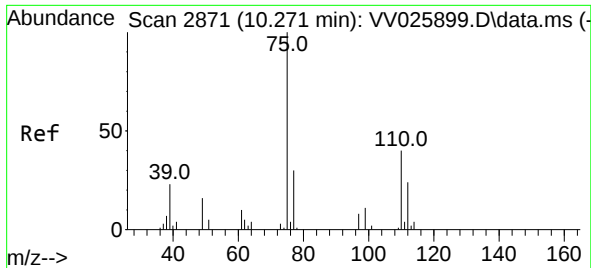
Tgt Ion:129 Resp: 27682

Ion Ratio Lower Upper

129 100

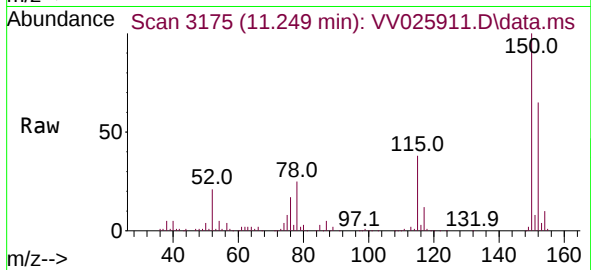
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.537 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025911.D
 Acq: 16 May 2022 14:45

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K2



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.2	39.2
110	1.7	32.4	48.6

