

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028072.D
 Acq On : 22 Sep 2022 20:40
 Operator : SY/MD
 Sample : N4652-09DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:51:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	181132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	183369	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	97545	5.194	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.561	69	78109	5.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.101	63	131711	4.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	3.889	46	157759	49.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.520%
24) Chloroform-d	4.342	84	147710	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.027	65	71695	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.043	84	296366	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.066	67	87687	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.313	98	251412	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.622	79	31348	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.085	63	134016	47.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61762	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	86199	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	816	0.046	ug/L	94
5) Vinyl chloride	1.304	62	45478	3.238	ug/L	98
8) Chloroethane	1.580	64	17227	1.829	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1329	0.103	ug/L #	25
12) 1,1-Dichloroethene	2.105	96	2335	0.187	ug/L #	1
16) Methylene chloride	2.503	84	8220	0.588	ug/L	95
18) trans-1,2-Dichloroethene	2.760	96	1313	0.120	ug/L	92
19) 1,1-Dichloroethane	3.182	63	147775	6.182	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	59474	4.136	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	13285	0.590	ug/L	99
31) Carbon tetrachloride	4.596	117	1817	0.098	ug/L	97
35) Methylcyclohexane	6.066	83	21214	1.220	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9757	0.684	ug/L #	87
39) cis-1,3-Dichloropropene	6.979	75	2079	0.117	ug/L #	47
44) trans-1,3-Dichloropropene	7.625	75	1603	0.105	ug/L	84
49) Dibromochloromethane	7.976	129	379	0.033	ug/L #	11
60) Isopropylbenzene	9.937	105	1657	0.034	ug/L #	91
61) 1,2,3-Trichloropropane	11.246	75	9366	1.341	ug/L #	65

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 04:38:54 2022
Response via : Initial Calibration

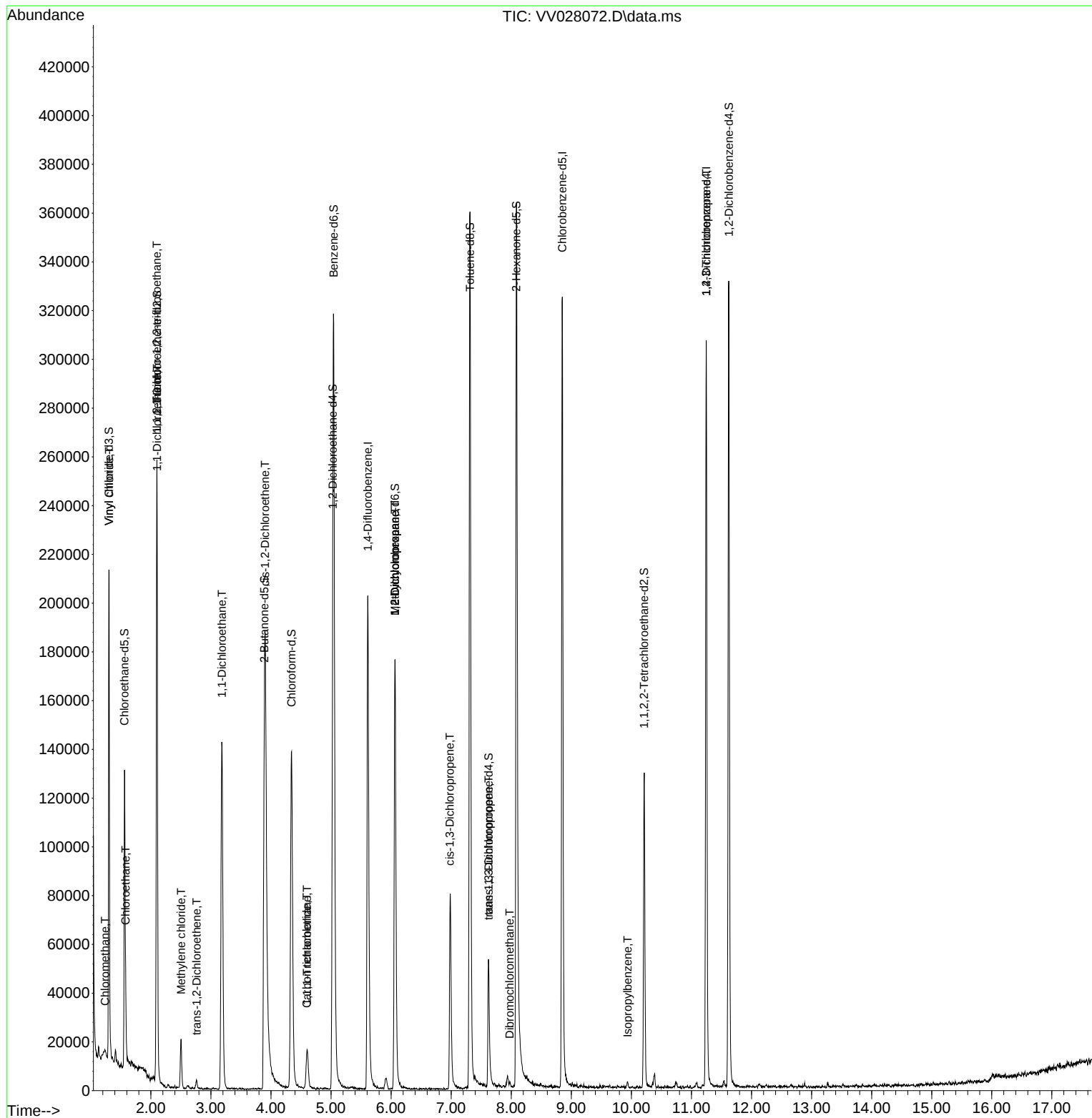
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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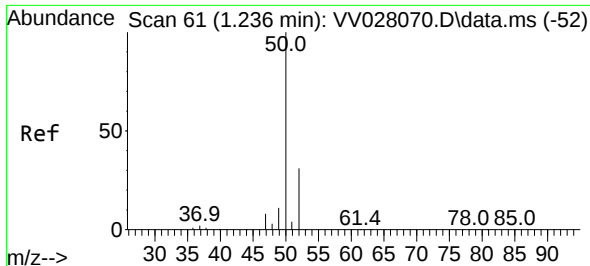
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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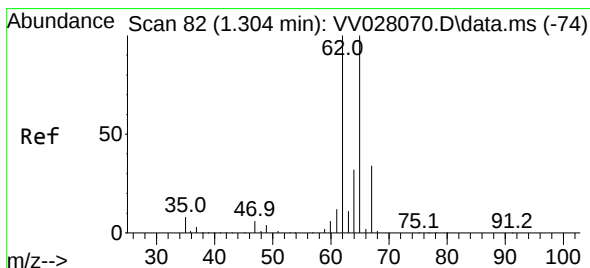
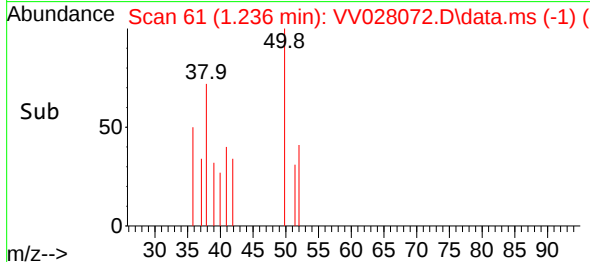
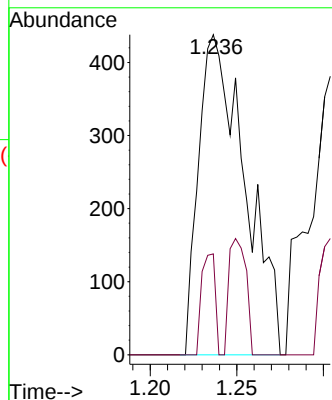
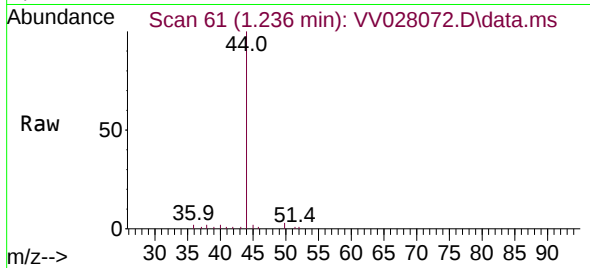




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

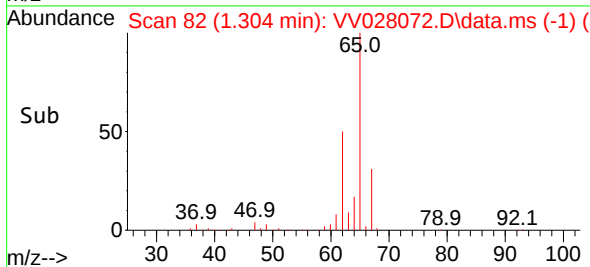
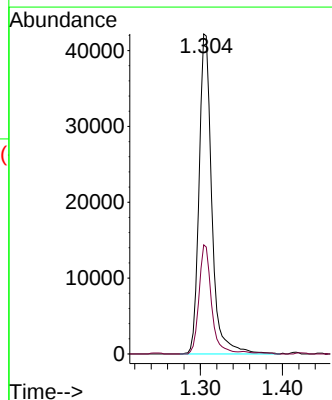
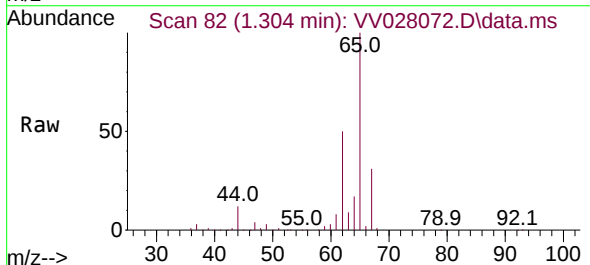
Instrument :
MSVOA_V
ClientSampleId :

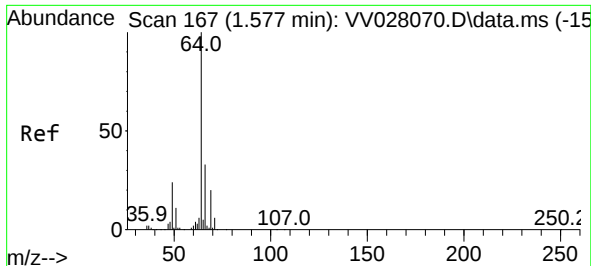
Tgt Ion: 50 Resp: 816
Ion Ratio Lower Upper
50 100
52 31.5 24.4 45.2



#5
Vinyl chloride
Concen: 3.238 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

Tgt Ion: 62 Resp: 45478
Ion Ratio Lower Upper
62 100
64 34.1 23.0 42.8

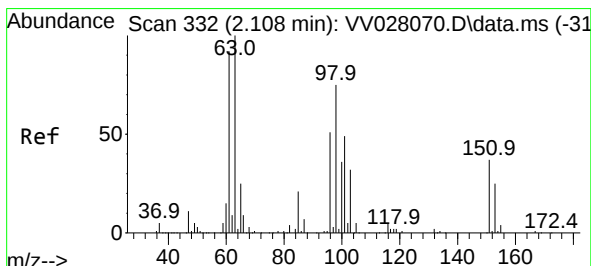
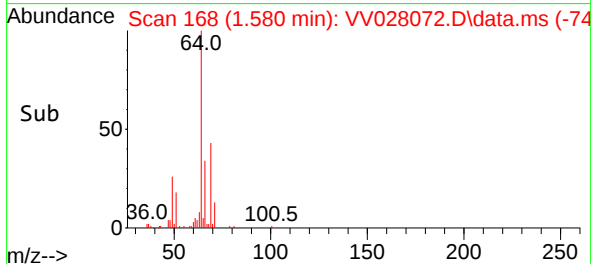
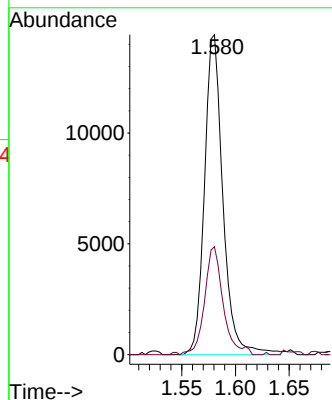
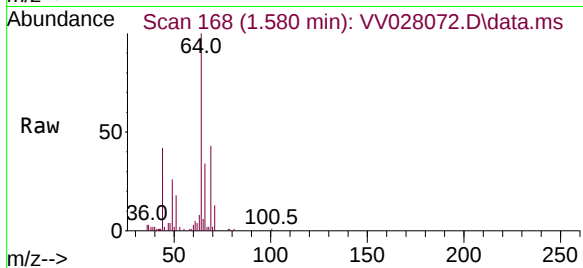




#8
Chloroethane
Concen: 1.829 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

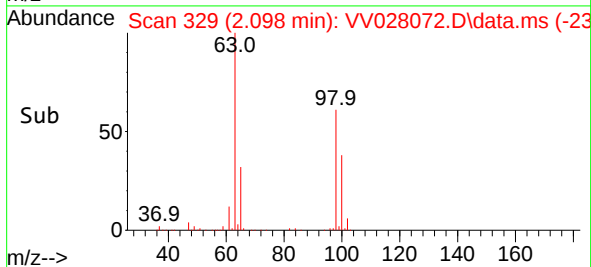
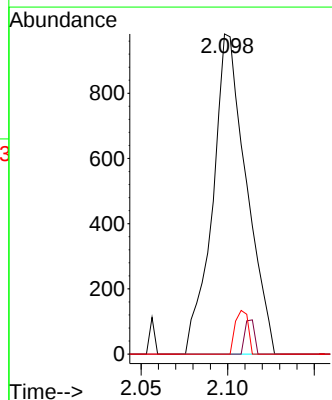
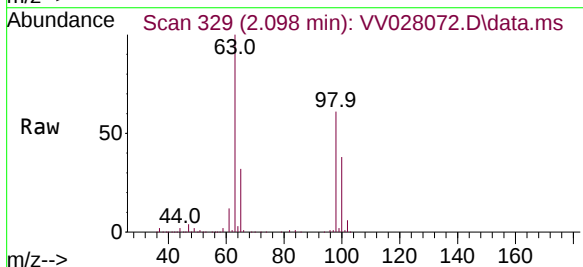
Instrument :
MSVOA_V
ClientSampleId :

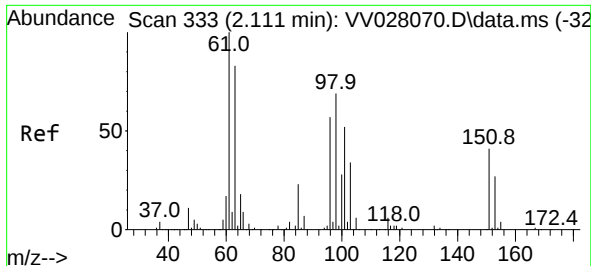
Tgt Ion: 64 Resp: 17227
Ion Ratio Lower Upper
64 100
66 33.8 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.103 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.010 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

Tgt Ion:101 Resp: 1329
Ion Ratio Lower Upper
101 100
85 3.0 34.4 51.6#
151 5.2 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.187 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028072.D

Acq: 22 Sep 2022 20:40

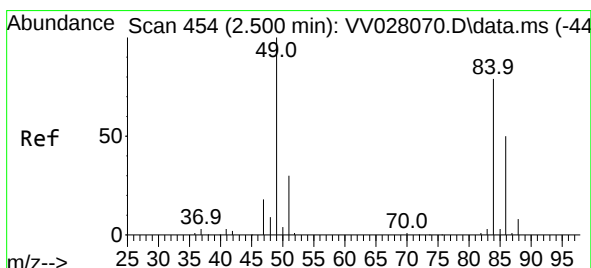
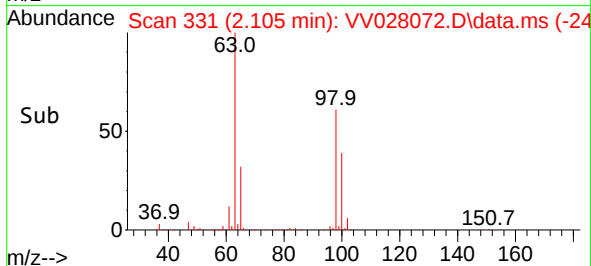
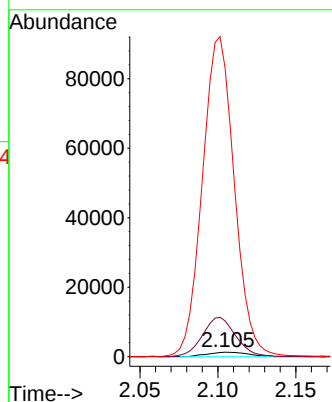
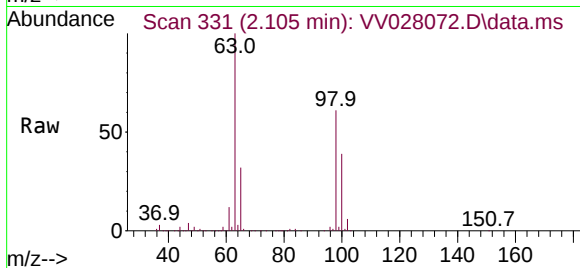
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 2335

Ion	Ratio	Lower	Upper
96	100		
61	812.1	128.3	238.3#
63	6560.6	112.7	209.3#



#16

Methylene chloride

Concen: 0.588 ug/L

RT: 2.503 min Scan# 455

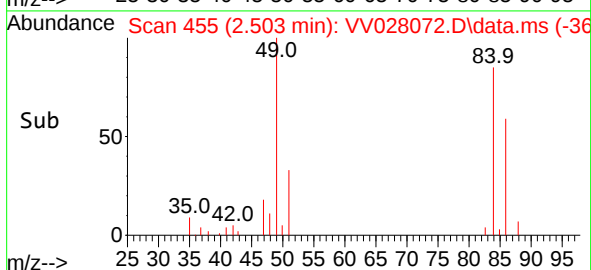
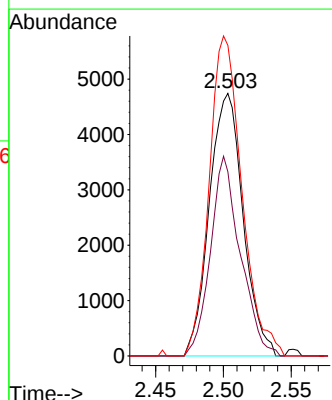
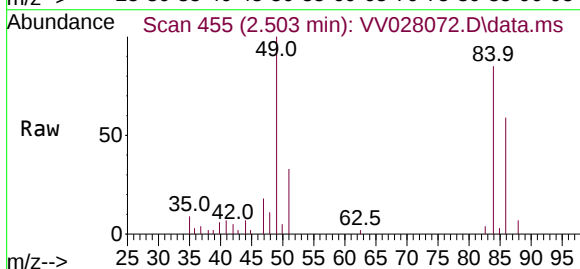
Delta R.T. 0.003 min

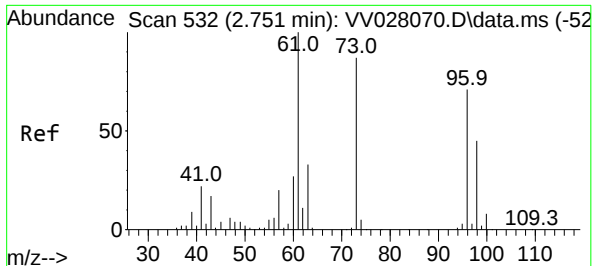
Lab File: VV028072.D

Acq: 22 Sep 2022 20:40

Tgt Ion: 84 Resp: 8220

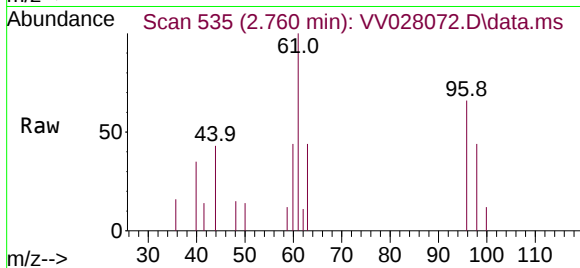
Ion	Ratio	Lower	Upper
84	100		
86	70.2	46.8	86.8
49	118.3	87.5	162.5





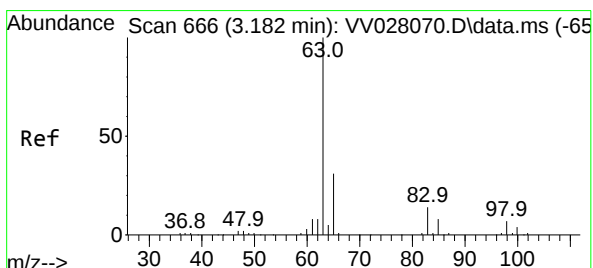
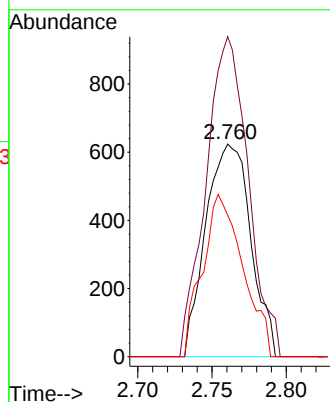
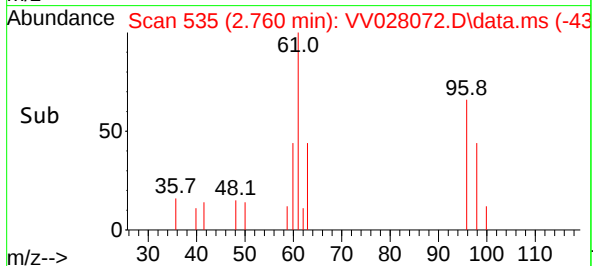
#18
trans-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 2.760 min Scan# 513
Delta R.T. 0.010 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :

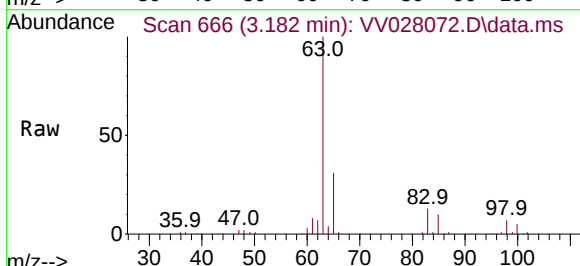


Tgt Ion: 96 Resp: 1313

Ion	Ratio	Lower	Upper
96	100		
61	150.5	96.2	178.6
98	66.5	45.7	84.9

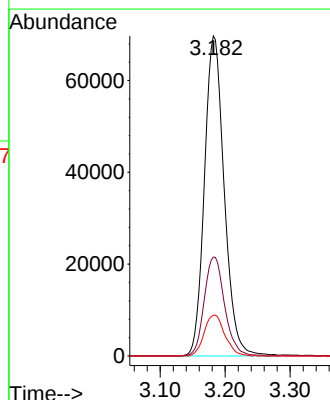
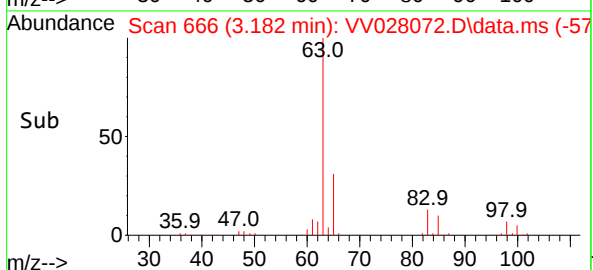


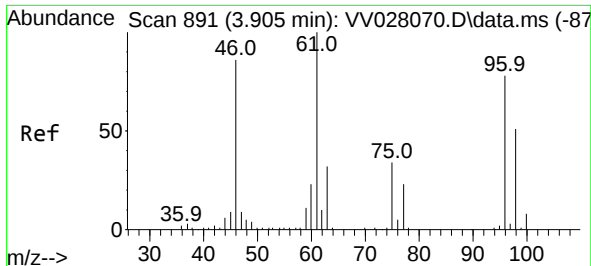
#19
1,1-Dichloroethane
Concen: 6.182 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40



Tgt Ion: 63 Resp: 147775

Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.0	42.8
83	12.7	9.2	17.2





#22

cis-1,2-Dichloroethene

Concen: 4.136 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

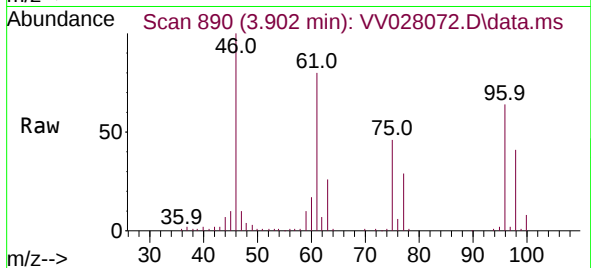
Lab File: VV028072.D

Acq: 22 Sep 2022 20:40

Instrument :

MSVOA_V

ClientSampleId :



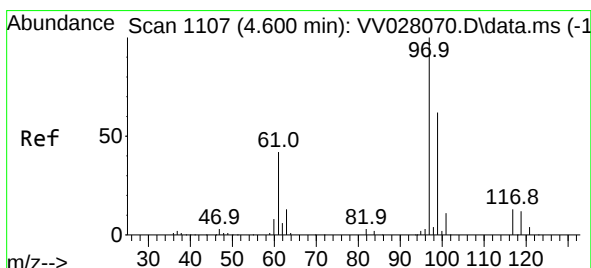
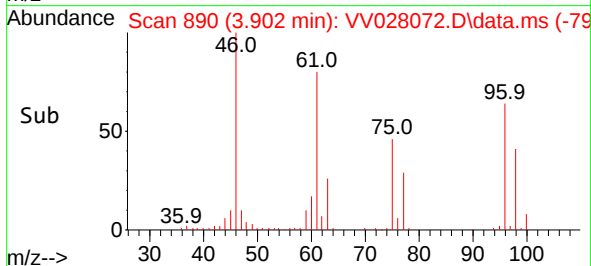
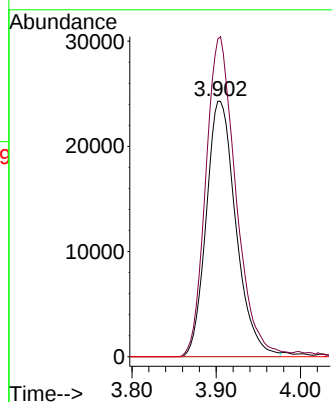
Tgt Ion: 96 Resp: 59474

Ion Ratio Lower Upper

96 100

61 124.3 87.2 161.9

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.590 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028072.D

Acq: 22 Sep 2022 20:40

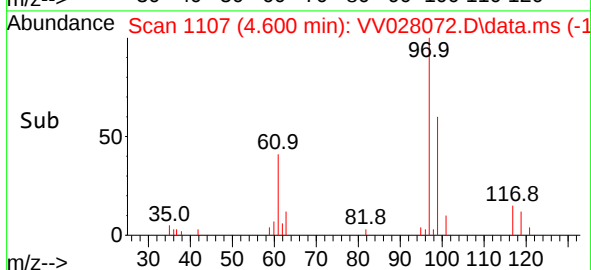
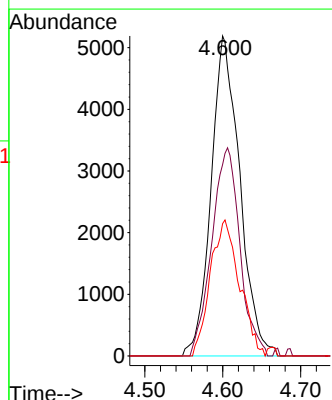
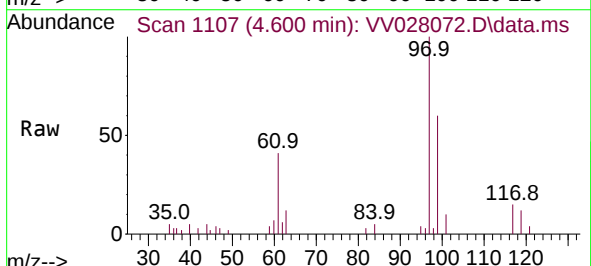
Tgt Ion: 97 Resp: 13285

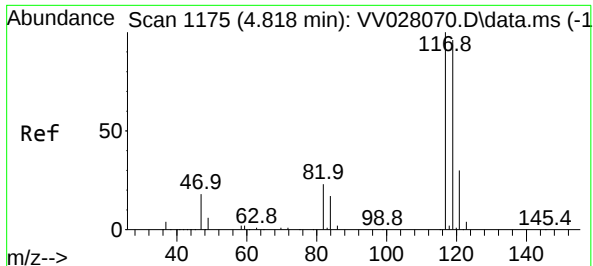
Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

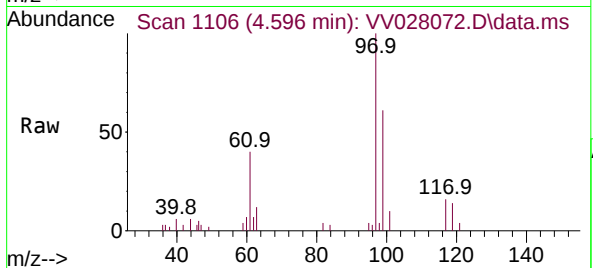
61 43.3 34.8 52.2



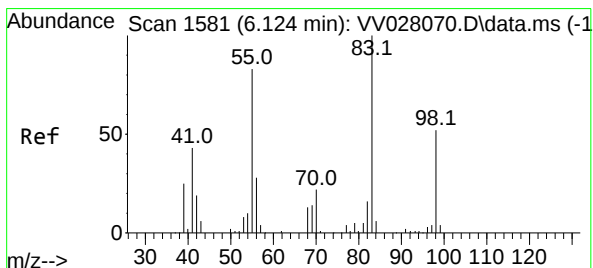
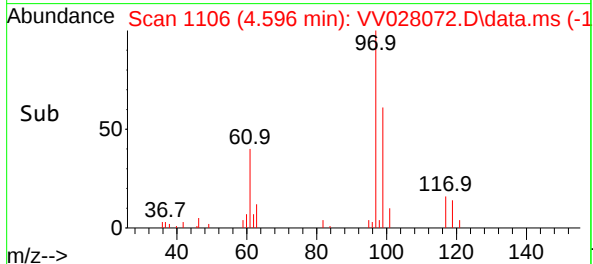
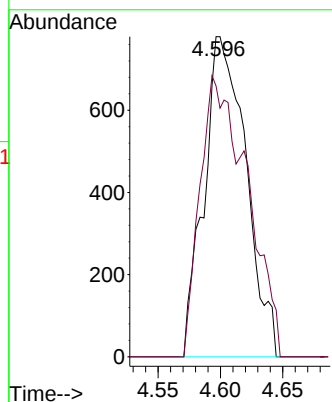


#31
Carbon tetrachloride
Concen: 0.098 ug/L
RT: 4.596 min Scan# 1175
Delta R.T. -0.222 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :

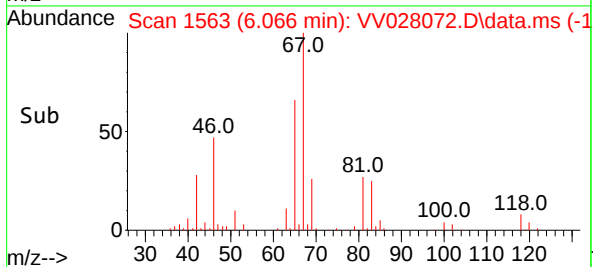
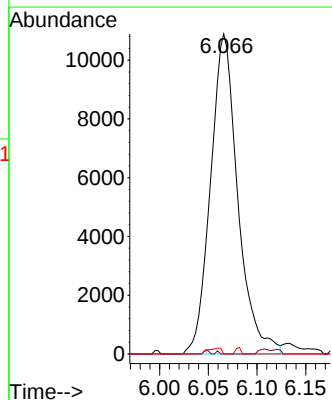
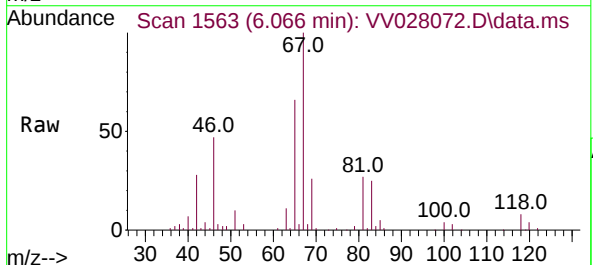


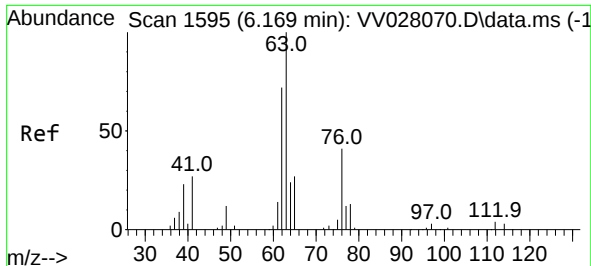
Tgt Ion: 117 Resp: 1817
Ion Ratio Lower Upper
117 100
119 99.2 76.9 115.3



#35
Methylcyclohexane
Concen: 1.220 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

Tgt Ion: 83 Resp: 21214
Ion Ratio Lower Upper
83 100
55 0.1 64.7 97.1#
98 0.9 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.684 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV028072.D

Acq: 22 Sep 2022 20:40

Instrument :

MSVOA_V

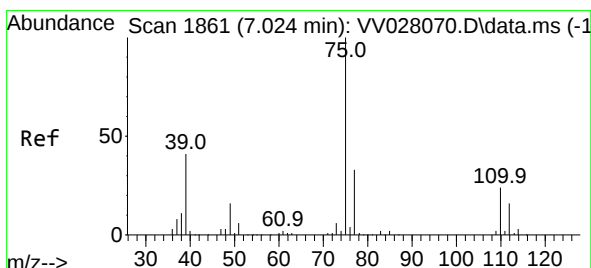
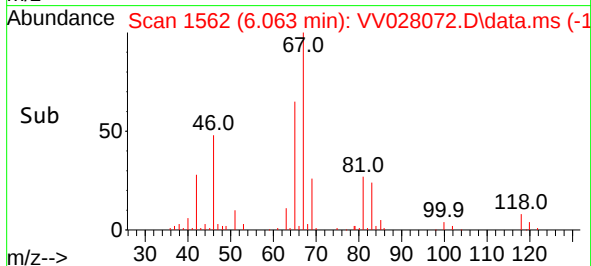
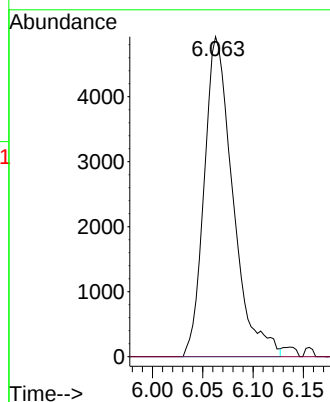
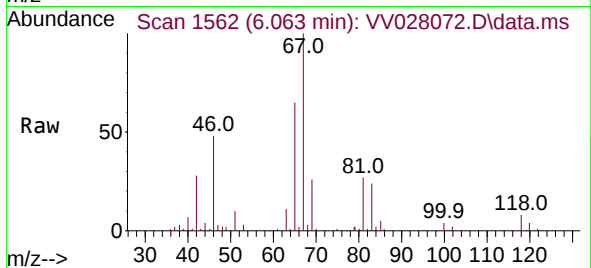
ClientSampleId :

Tgt Ion: 63 Resp: 9757

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.045 min

Lab File: VV028072.D

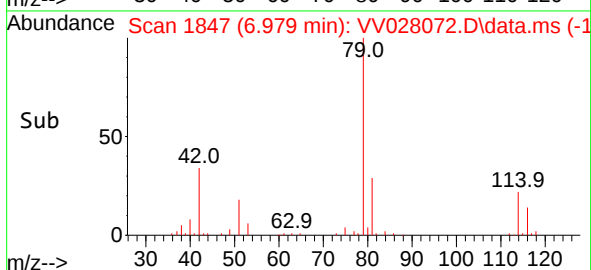
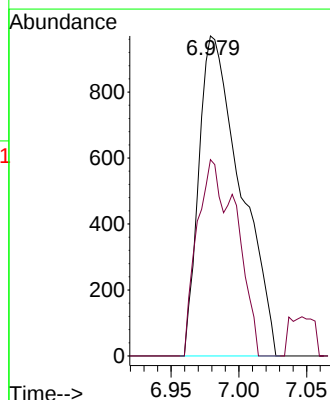
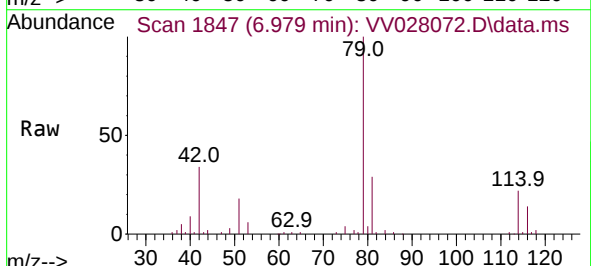
Acq: 22 Sep 2022 20:40

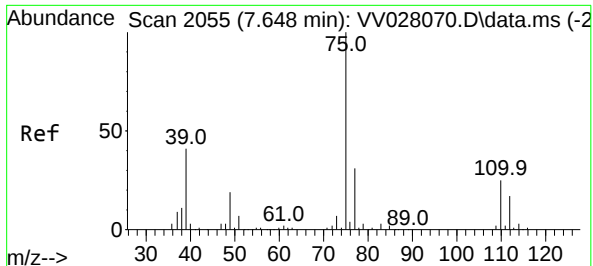
Tgt Ion: 75 Resp: 2079

Ion Ratio Lower Upper

75 100

77 61.3 22.4 41.6#

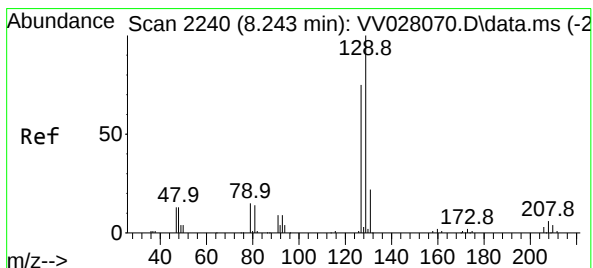
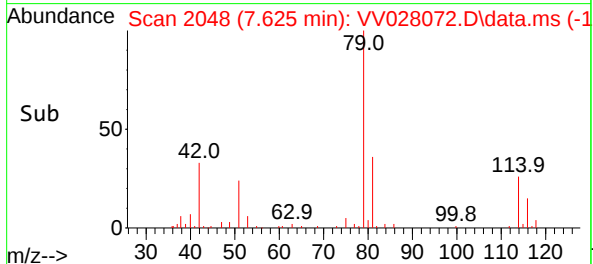
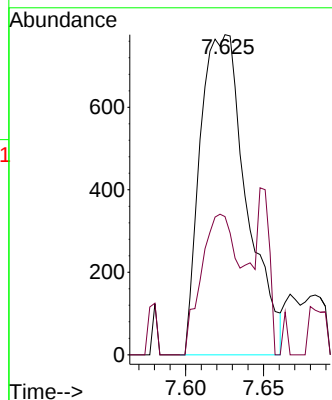
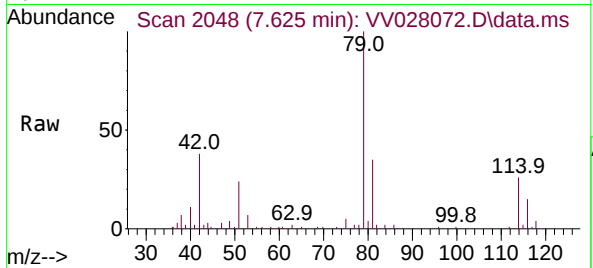




#44
trans-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

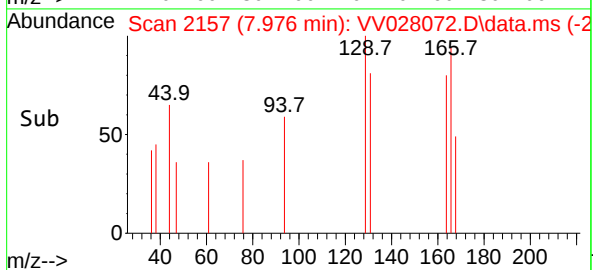
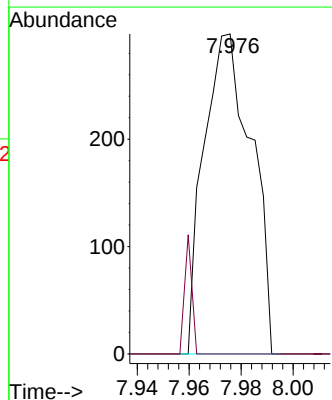
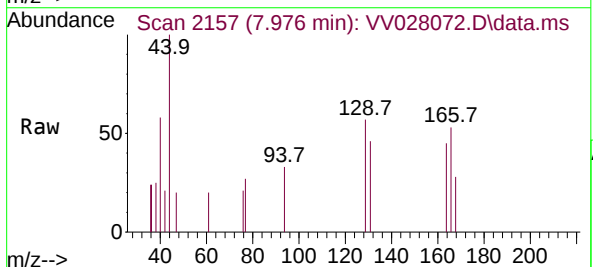
Instrument :
MSVOA_V
ClientSampleId :

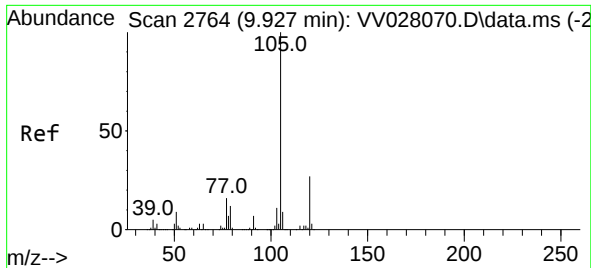
Tgt Ion: 75 Resp: 1603
Ion Ratio Lower Upper
75 100
77 43.2 23.9 44.3



#49
Dibromochloromethane
Concen: 0.033 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

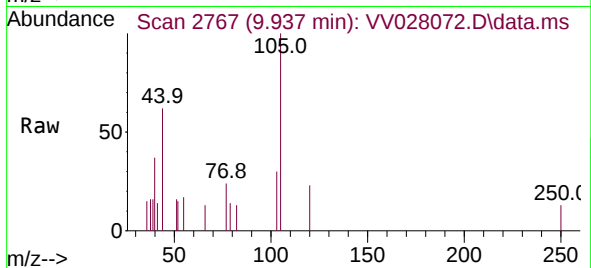
Tgt Ion: 129 Resp: 379
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#



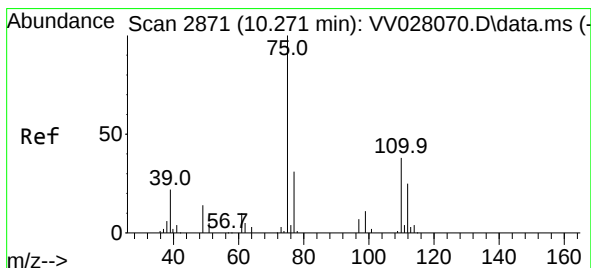
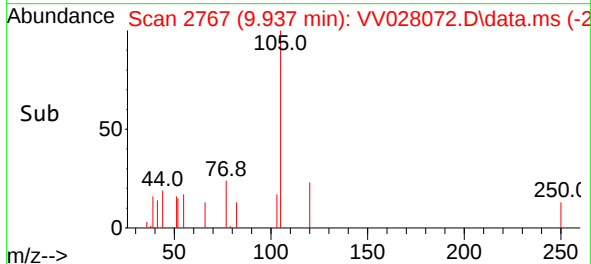
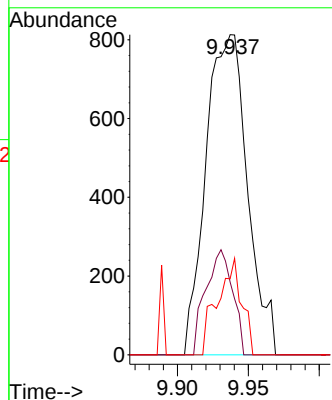


#60
Isopropylbenzene
Concen: 0.034 ug/L
RT: 9.937 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 1657
Ion Ratio Lower Upper
105 100
120 21.2 21.4 32.0#
77 17.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 1.341 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV028072.D
Acq: 22 Sep 2022 20:40

Tgt Ion: 75 Resp: 9366
Ion Ratio Lower Upper
75 100
77 29.8 26.7 40.1
110 1.8 30.1 45.1#

