

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028996.D
 Acq On : 15 Nov 2022 18:09
 Operator : SY/MD
 Sample : N5593-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD5DL

Quant Time: Nov 16 03:21:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	277208	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	253486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	122241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48639	2.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.568	69	54605	3.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.105	63	79743	2.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.800%#
20) 2-Butanone-d5	3.905	46	184257	65.132	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.260%#
24) Chloroform-d	4.343	84	153350	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.031	65	73180	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.047	84	305185	4.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.066	67	92574	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.310	98	257743	3.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.622	79	27510	3.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.088	63	147462	50.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	75377	5.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	102646	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	741	0.057	ug/L	78
8) Chloroethane	1.446	64	27254	2.120	ug/L #	51
9) Trichlorofluoromethane	1.751	101	2864	0.097	ug/L	92
12) 1,1-Dichloroethene	2.118	96	14879	0.887	ug/L #	32
16) Methylene chloride	2.503	84	29448	1.357	ug/L	95
19) 1,1-Dichloroethane	3.188	63	1576	0.050	ug/L #	75
22) cis-1,2-Dichloroethene	3.912	96	10204	0.516	ug/L	92
25) Chloroform	4.372	83	4086	0.123	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	678	0.023	ug/L #	36
34) Trichloroethene	5.912	95	99354	5.010	ug/L	98
35) Methylcyclohexane	6.066	83	23107	0.663	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9703	0.543	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1820	0.073	ug/L #	50
45) 1,1,2-Trichloroethane	7.966	97	1210	0.103	ug/L #	1
47) Tetrachloroethene	7.969	164	150350	9.469	ug/L	98
49) Dibromochloromethane	7.969	129	131873	9.328	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	12235	1.465	ug/L #	65

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 16 03:16:14 2022
Response via : Initial Calibration

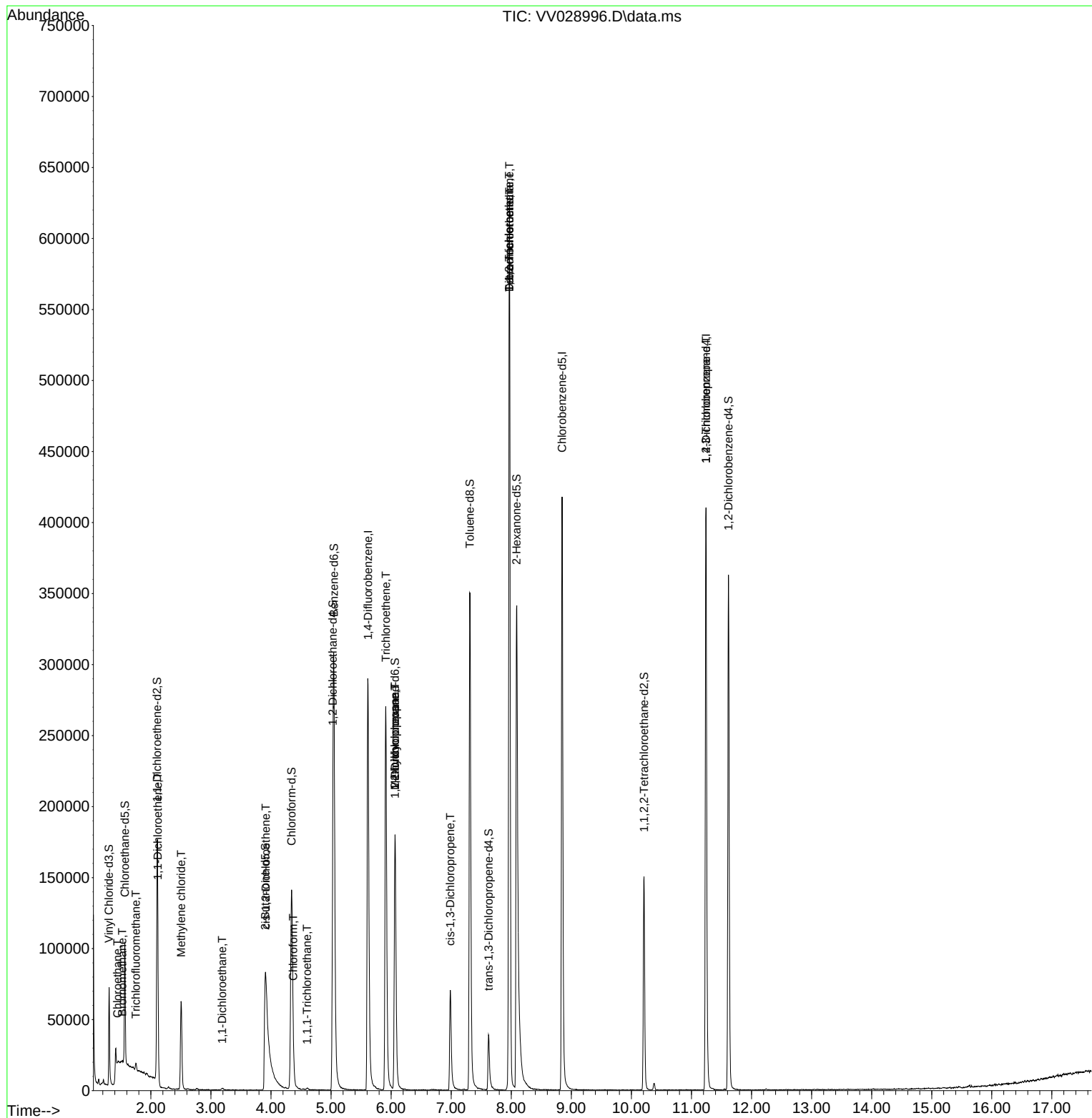
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

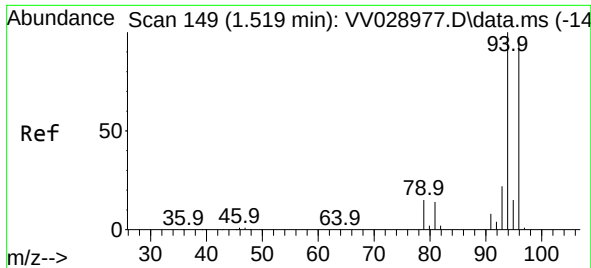
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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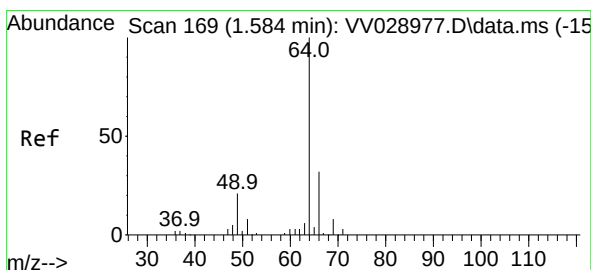
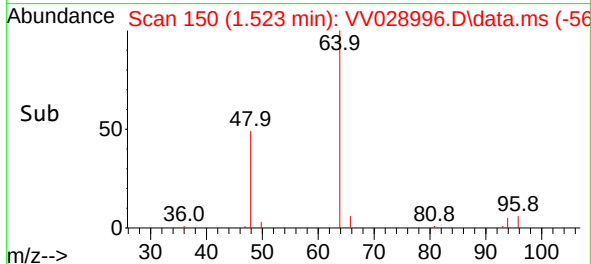
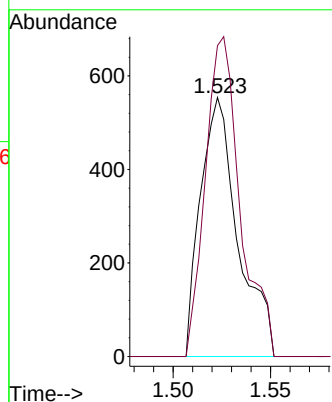
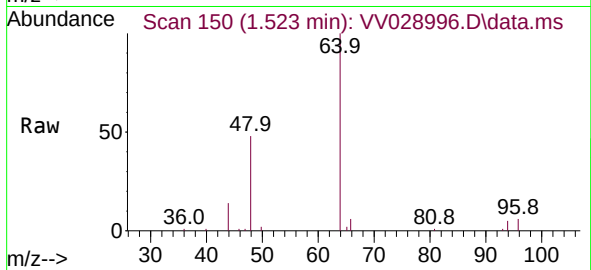




#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028996.D
Acq: 15 Nov 2022 18:09

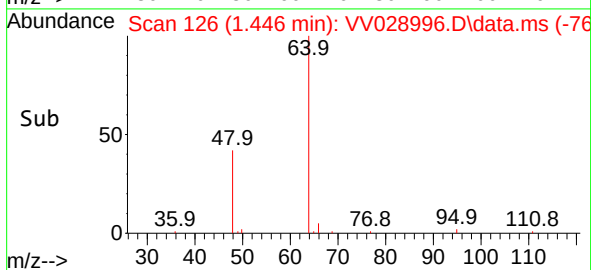
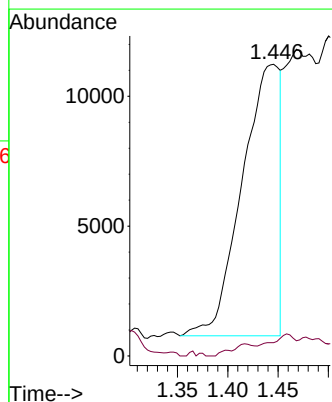
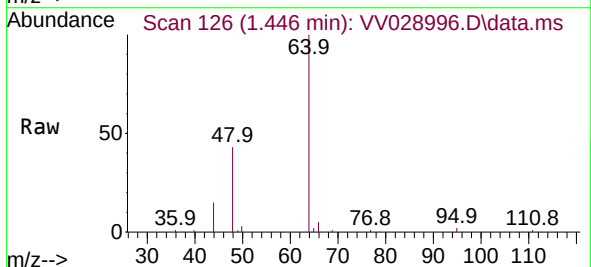
Instrument :
MSVOA_V
ClientSampleId :
H0AD5DL

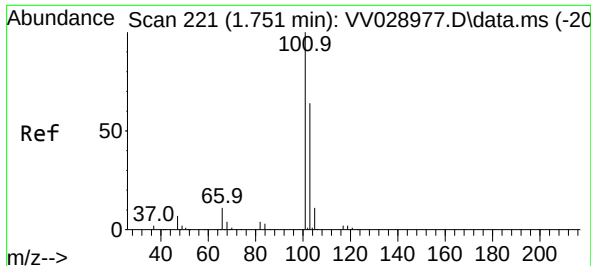
Tgt Ion: 94 Resp: 741
Ion Ratio Lower Upper
94 100
96 120.0 68.5 127.3



#8
Chloroethane
Concen: 2.120 ug/L
RT: 1.446 min Scan# 126
Delta R.T. -0.138 min
Lab File: VV028996.D
Acq: 15 Nov 2022 18:09

Tgt Ion: 64 Resp: 27254
Ion Ratio Lower Upper
64 100
66 4.6 22.0 40.8#

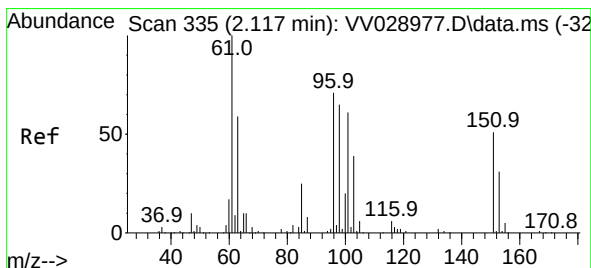
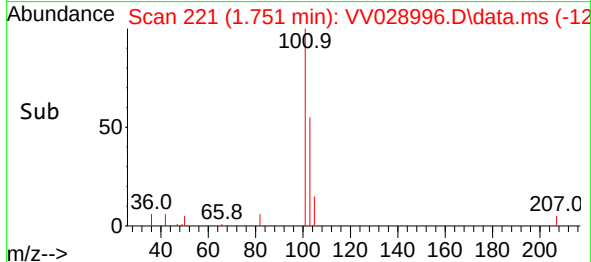
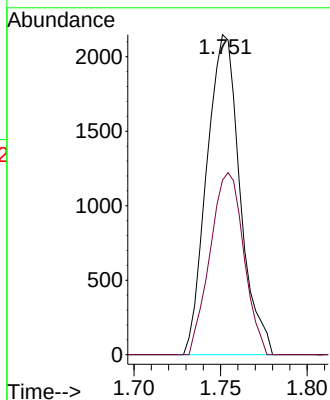
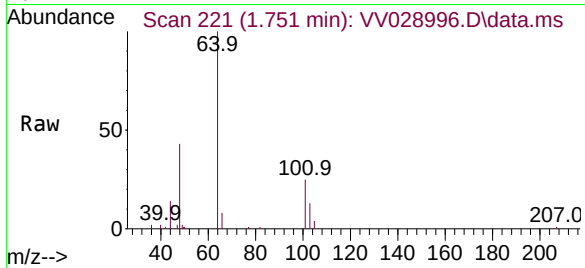




#9
 Trichlorofluoromethane
 Concen: 0.097 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028996.D
 Acq: 15 Nov 2022 18:09

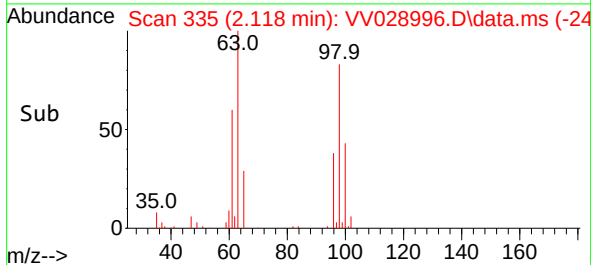
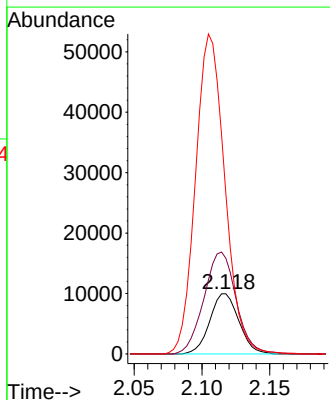
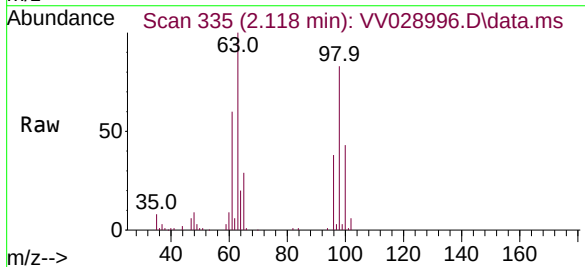
Instrument :
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 ClientSampleId :
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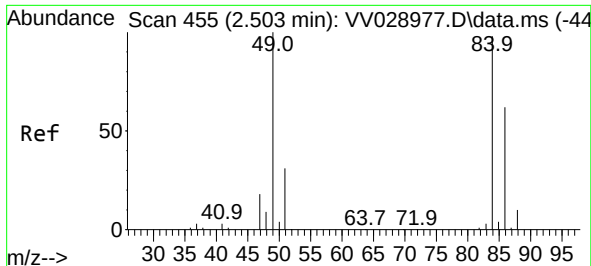
Tgt Ion:101 Resp: 2864
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.3 76.9



#12
 1,1-Dichloroethene
 Concen: 0.887 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV028996.D
 Acq: 15 Nov 2022 18:09

Tgt Ion: 96 Resp: 14879
 Ion Ratio Lower Upper
 96 100
 61 159.0 104.2 193.4
 63 265.7 75.9 140.9#

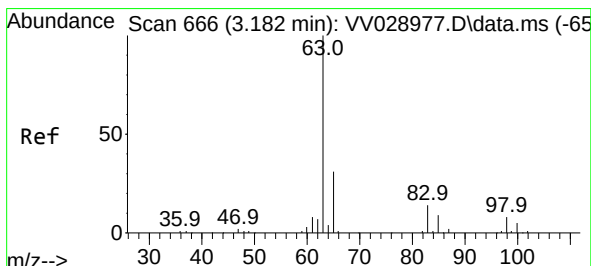
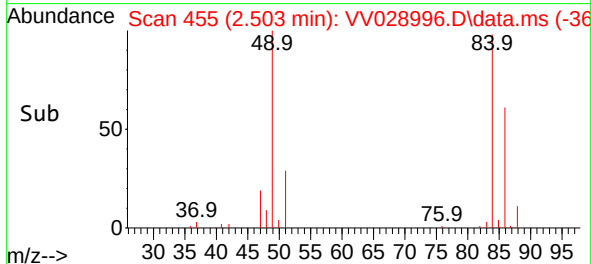
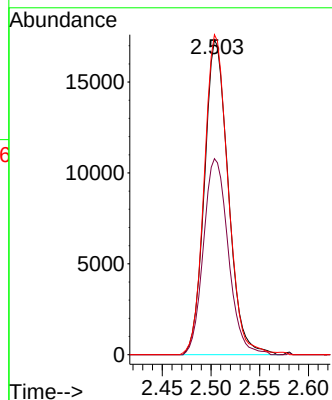
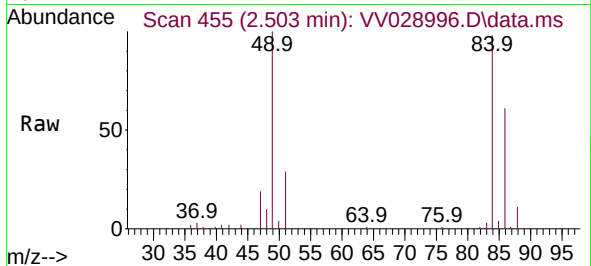




#16
Methylene chloride
Concen: 1.357 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028996.D
Acq: 15 Nov 2022 18:09

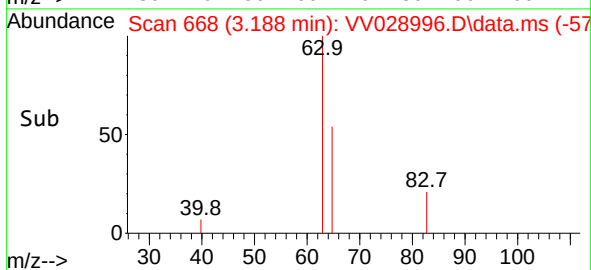
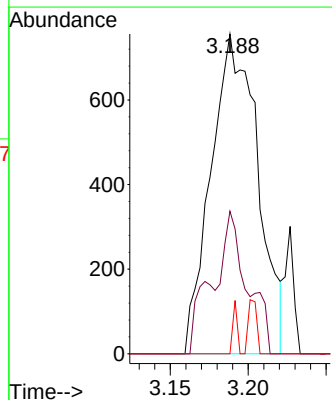
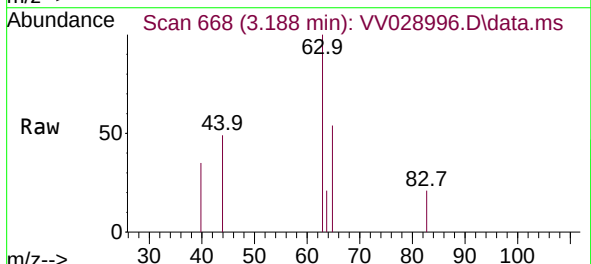
Instrument :
MSVOA_V
ClientSampleId :
H0AD5DL

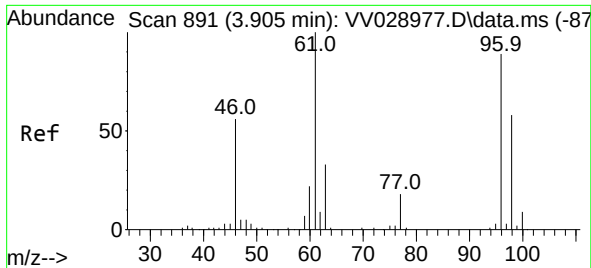
Tgt Ion: 84 Resp: 29448
Ion Ratio Lower Upper
84 100
86 62.3 45.8 85.0
49 101.7 75.5 140.1



#19
1,1-Dichloroethane
Concen: 0.050 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.007 min
Lab File: VV028996.D
Acq: 15 Nov 2022 18:09

Tgt Ion: 63 Resp: 1576
Ion Ratio Lower Upper
63 100
65 44.6 23.0 42.6#
83 0.0 9.4 17.6#

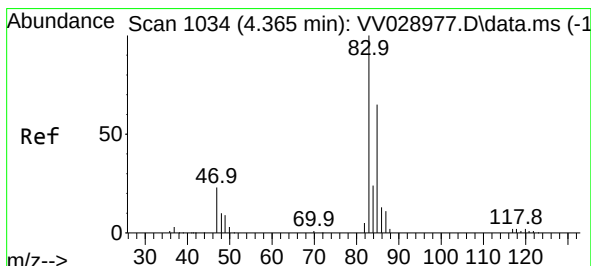
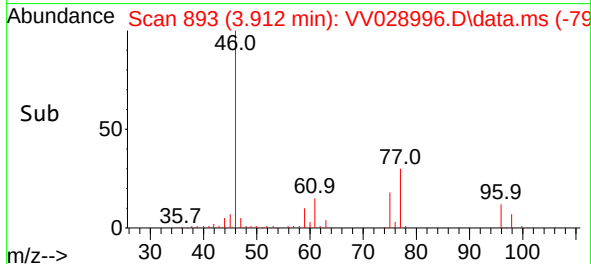
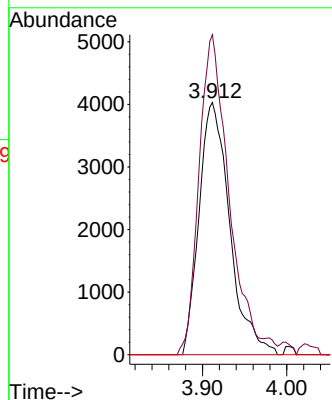
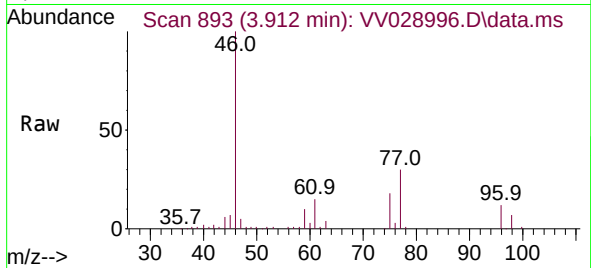




#22
 cis-1,2-Dichloroethene
 Concen: 0.516 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV028996.D
 Acq: 15 Nov 2022 18:09

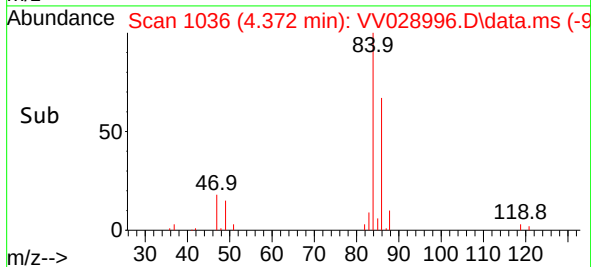
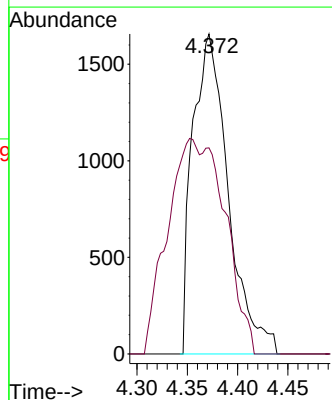
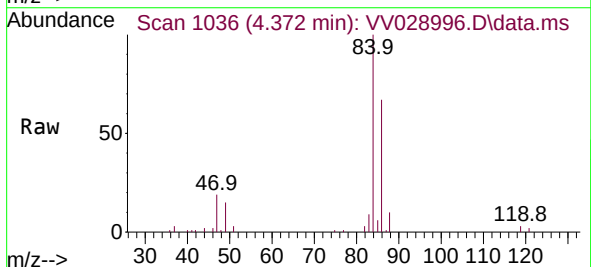
Instrument :
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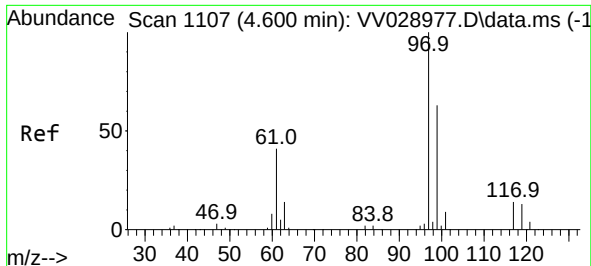
Tgt Ion: 96 Resp: 10204
 Ion Ratio Lower Upper
 96 100
 61 126.9 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.123 ug/L
 RT: 4.372 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VV028996.D
 Acq: 15 Nov 2022 18:09

Tgt Ion: 83 Resp: 4086
 Ion Ratio Lower Upper
 83 100
 85 64.4 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 0.023 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028996.D

Acq: 15 Nov 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

H0AD5DL

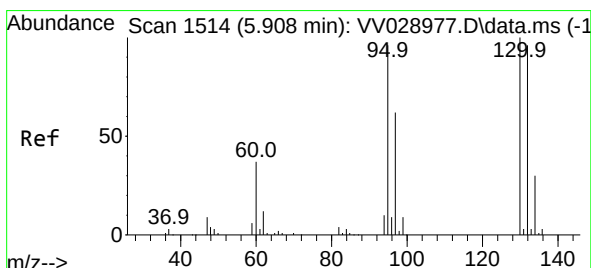
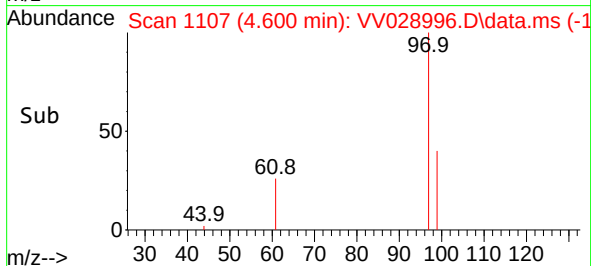
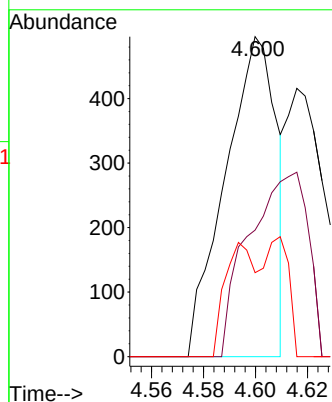
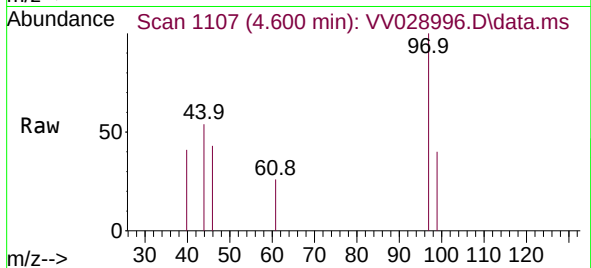
Tgt Ion: 97 Resp: 678

Ion Ratio Lower Upper

97 100

99 0.0 52.7 79.1#

61 20.5 33.8 50.6#



#34

Trichloroethene

Concen: 5.010 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV028996.D

Acq: 15 Nov 2022 18:09

Tgt Ion: 95 Resp: 99354

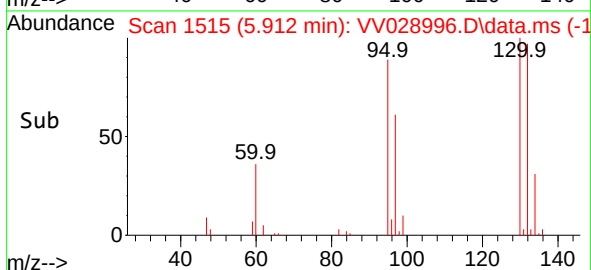
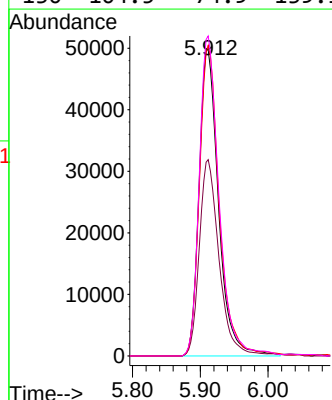
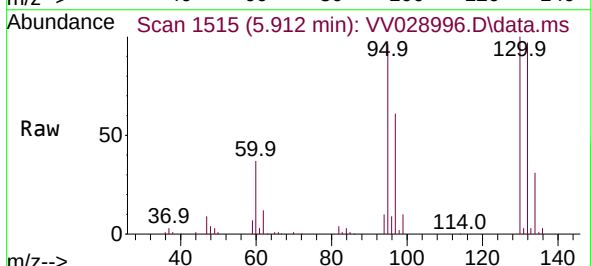
Ion Ratio Lower Upper

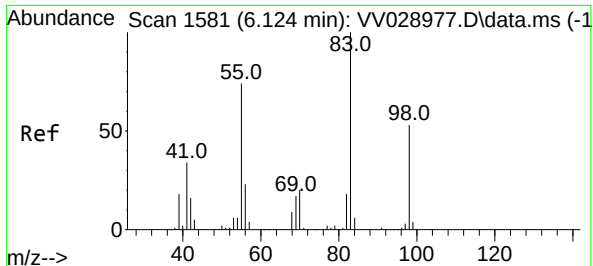
95 100

97 64.1 45.6 84.8

132 101.5 69.1 128.3

130 104.5 74.9 139.1





#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

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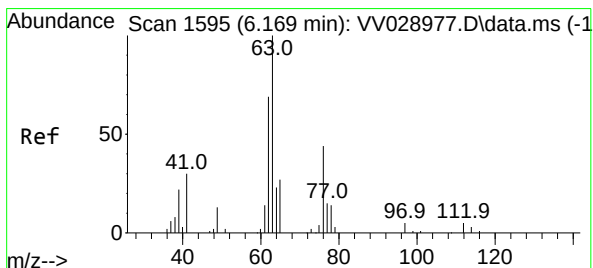
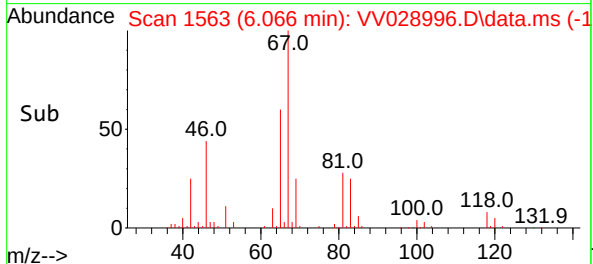
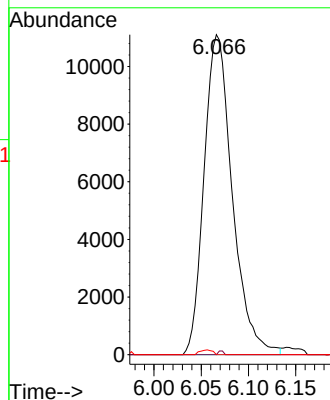
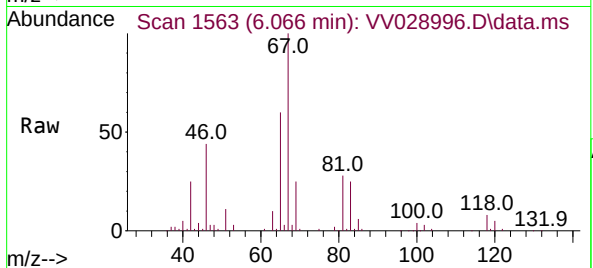
Tgt Ion: 83 Resp: 23107

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.543 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV028996.D

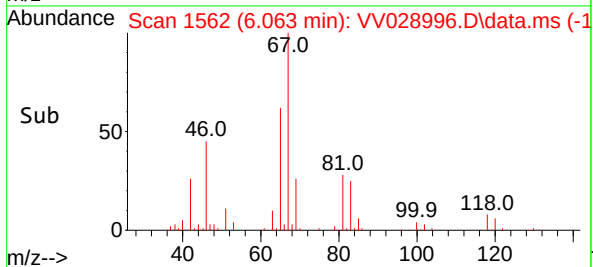
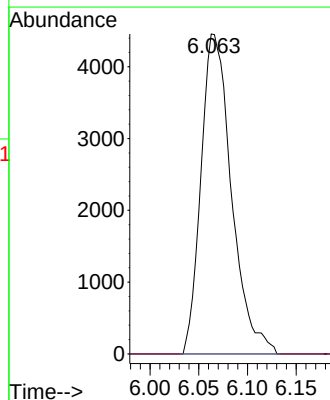
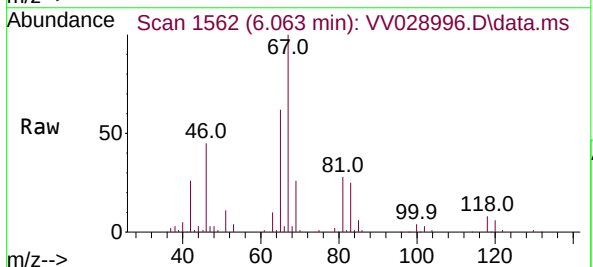
Acq: 15 Nov 2022 18:09

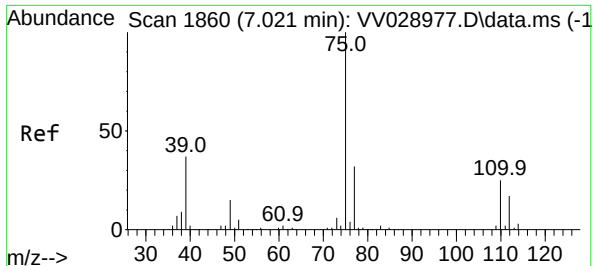
Tgt Ion: 63 Resp: 9703

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV028996.D

Acq: 15 Nov 2022 18:09

Instrument :

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ClientSampleId :

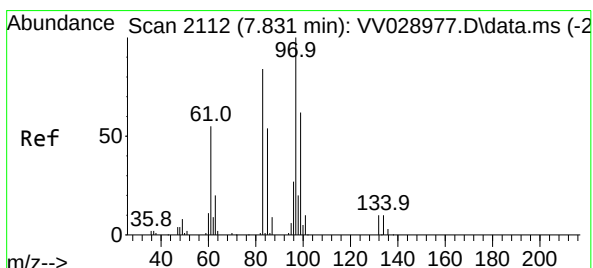
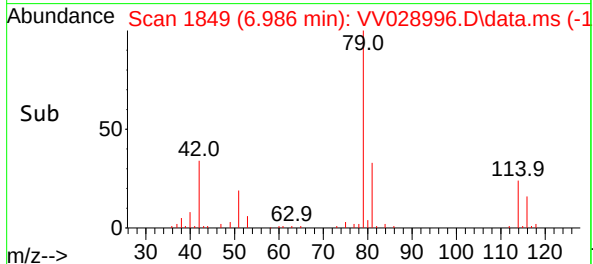
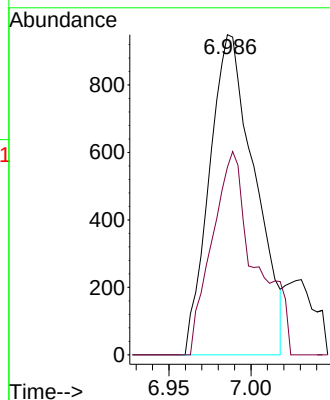
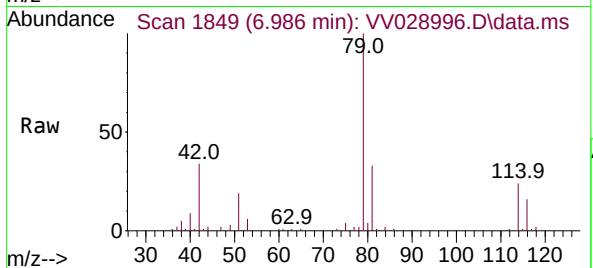
H0AD5DL

Tgt Ion: 75 Resp: 1820

Ion Ratio Lower Upper

75 100

77 58.6 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.103 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.135 min

Lab File: VV028996.D

Acq: 15 Nov 2022 18:09

Tgt Ion: 97 Resp: 1210

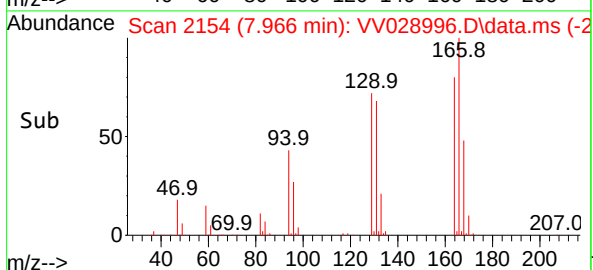
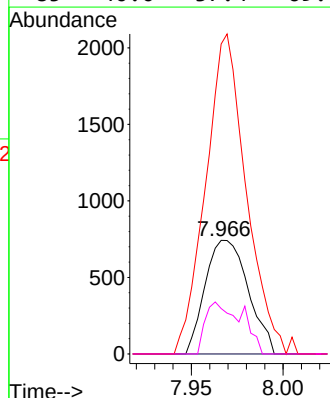
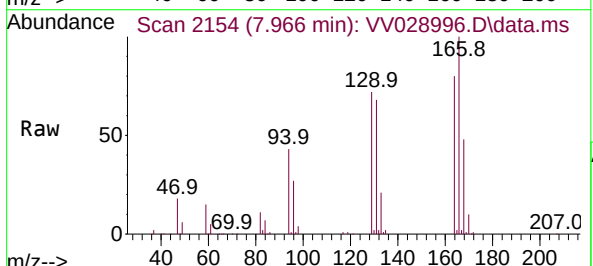
Ion Ratio Lower Upper

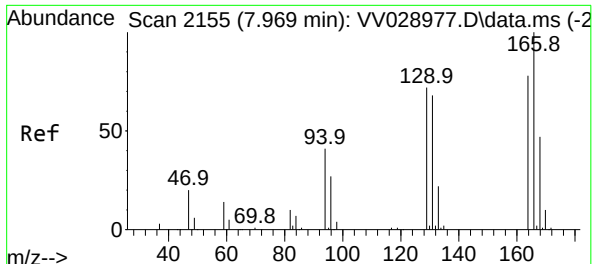
97 100

99 0.0 41.5 77.1#

83 272.9 60.0 111.4#

85 40.0 37.4 69.4





#47

Tetrachloroethene

Concen: 9.469 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028996.D

Acq: 15 Nov 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

H0AD5DL

Tgt Ion:164 Resp: 150350

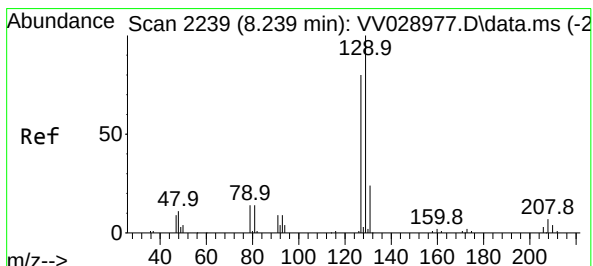
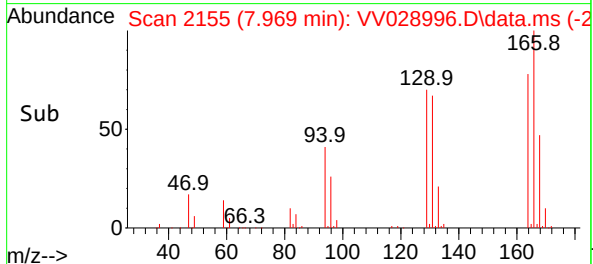
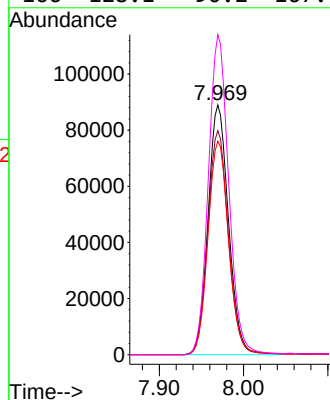
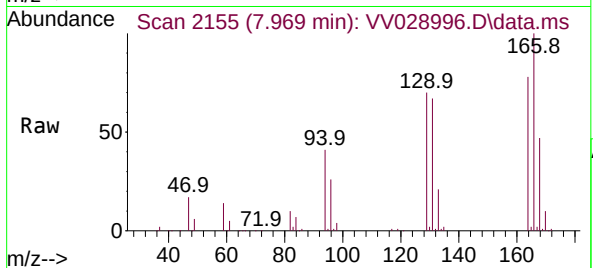
Ion Ratio Lower Upper

164 100

129 89.7 63.9 118.7

131 85.5 61.8 114.8

166 128.1 90.2 167.4



#49

Dibromochloromethane

Concen: 9.328 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028996.D

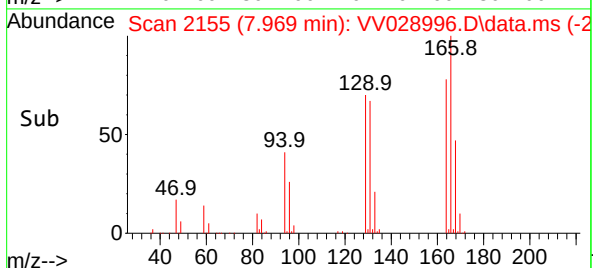
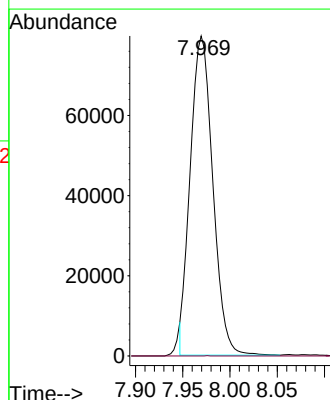
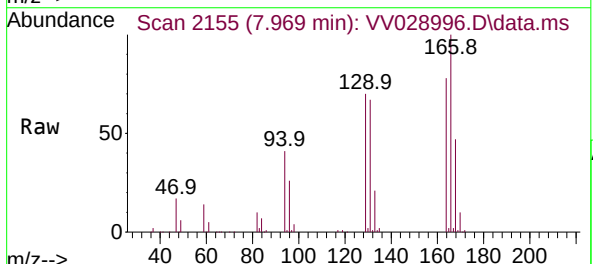
Acq: 15 Nov 2022 18:09

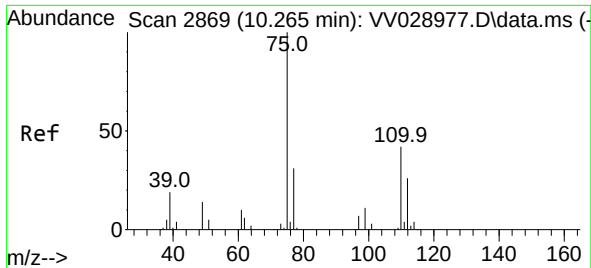
Tgt Ion:129 Resp: 131873

Ion Ratio Lower Upper

129 100

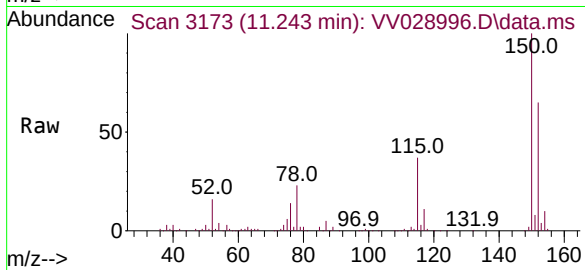
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.465 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV028996.D
 Acq: 15 Nov 2022 18:09

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD5DL



Tgt Ion:	75	Resp:	12235
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.2
110	2.5	32.6	48.8#

