

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028211.D
 Acq On : 30 Sep 2022 01:22
 Operator : SY/MD
 Sample : N4870-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H50

Quant Time: Sep 30 06:22:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

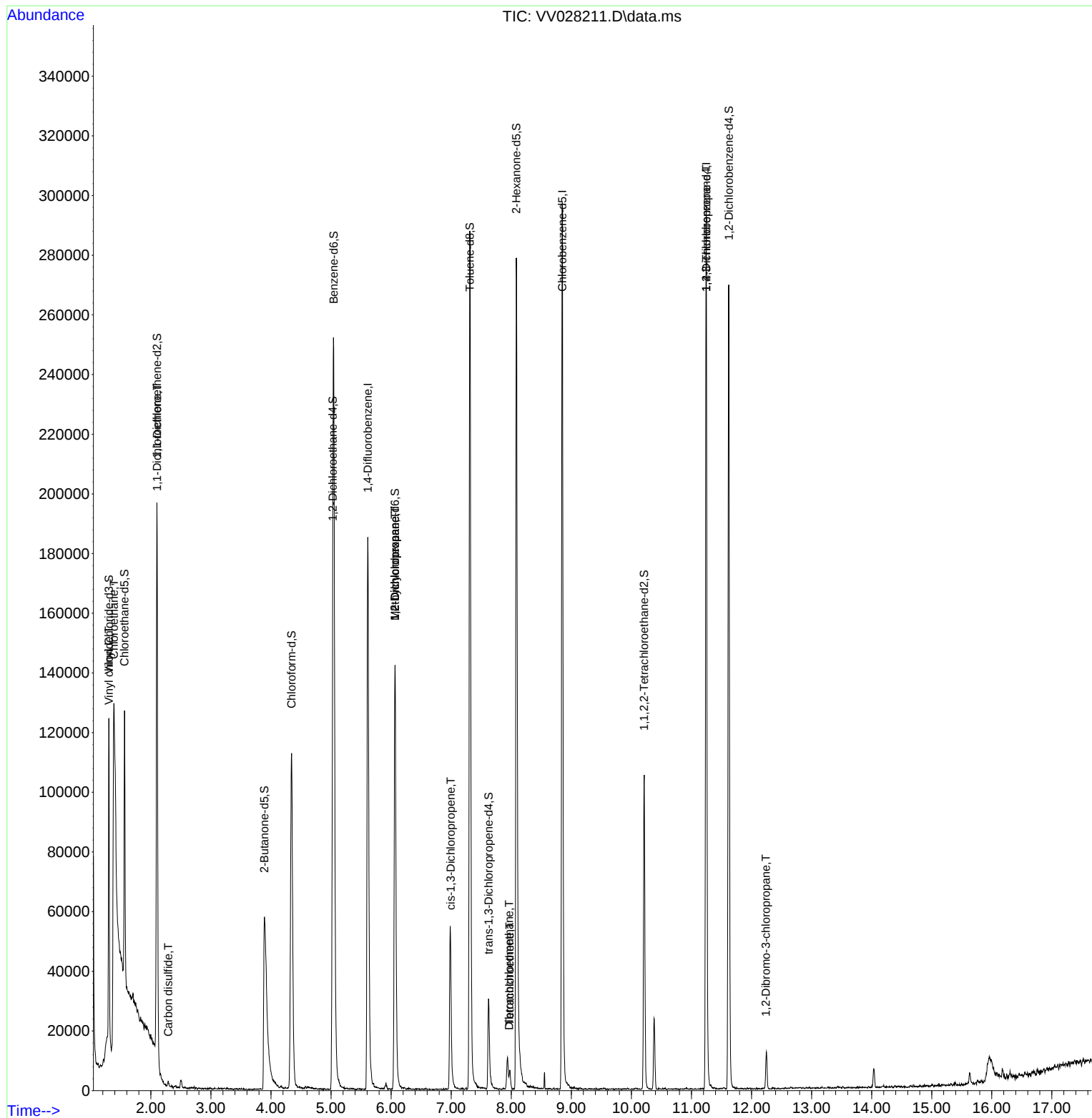
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	169302	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	172761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68584	3.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.561	69	58295	4.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.102	63	93664	3.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.889	46	124282	41.942	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.880%
24) Chloroform-d	4.343	84	122130	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.027	65	58110	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.044	84	240975	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.066	67	73435	4.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.310	98	199893	3.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.622	79	19970	3.131	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.600%
46) 2-Hexanone-d5	8.085	63	103518	38.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50528	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	75624	4.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
5) Vinyl chloride	1.304	62	773	0.059	ug/L #	1
8) Chloroethane	1.385	64	365670	41.535	ug/L #	50
12) 1,1-Dichloroethene	2.105	96	1034	0.088	ug/L #	1
14) Carbon disulfide	2.288	76	2358	0.105	ug/L #	85
35) Methylcyclohexane	6.066	83	17658	1.078	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7996	0.595	ug/L #	87
39) cis-1,3-Dichloropropene	6.992	75	1293	0.077	ug/L	86
47) Tetrachloroethene	7.976	164	1673	0.176	ug/L #	86
49) Dibromochloromethane	7.966	129	1400	0.129	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8270	1.184	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.239	75	278	0.182	ug/L #	1

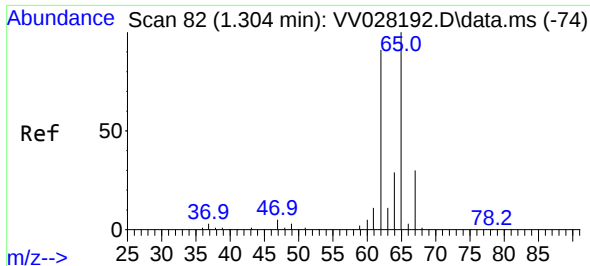
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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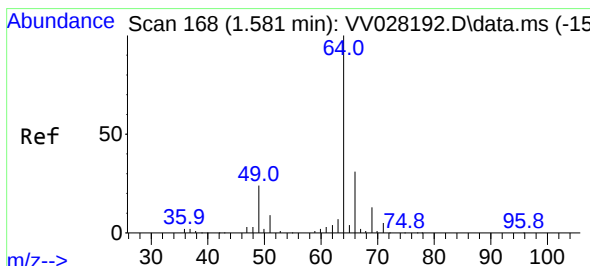
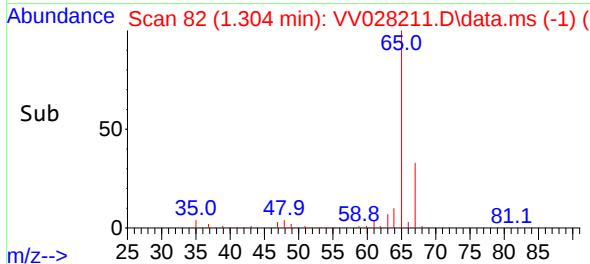
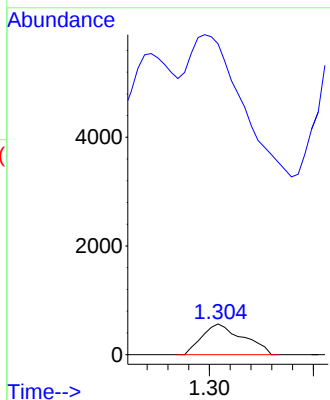
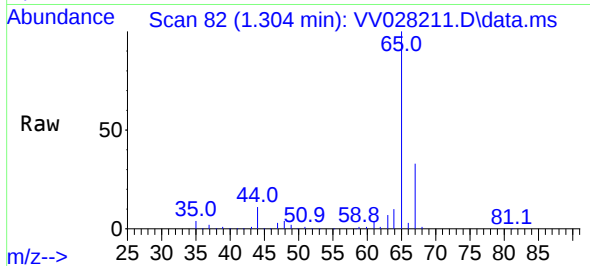




#5
 Vinyl chloride
 Concen: 0.059 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028211.D
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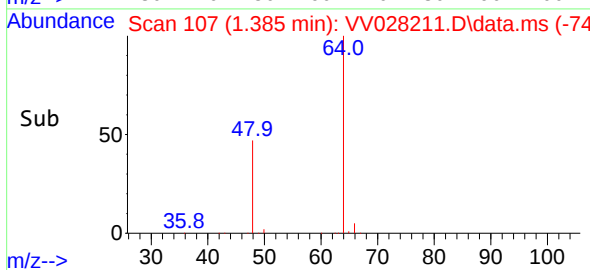
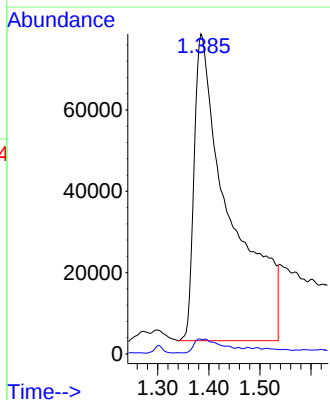
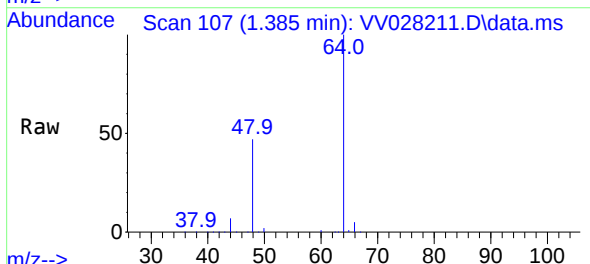
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H50

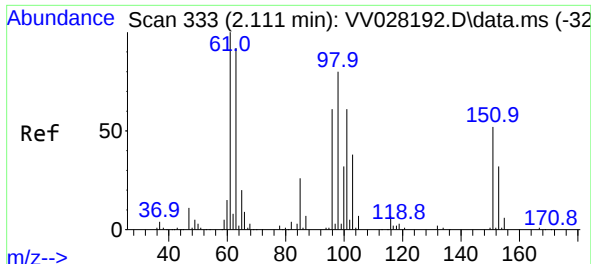
Tgt Ion: 62 Resp: 773
 Ion Ratio Lower Upper
 62 100
 64 1010.6 23.0 42.8#



#8
 Chloroethane
 Concen: 41.535 ug/L
 RT: 1.385 min Scan# 107
 Delta R.T. -0.193 min
 Lab File: VV028211.D
 Acq: 30 Sep 2022 01:22

Tgt Ion: 64 Resp: 365670
 Ion Ratio Lower Upper
 64 100
 66 4.6 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028211.D

Acq: 30 Sep 2022 01:22

Instrument :

MSVOA_V

ClientSampleId :

F5H50

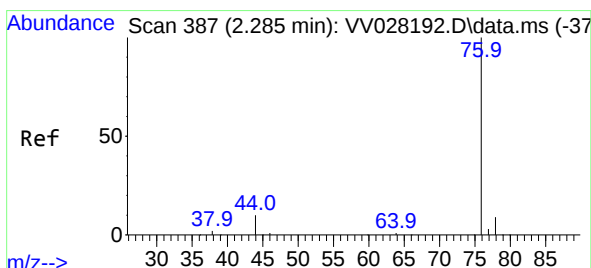
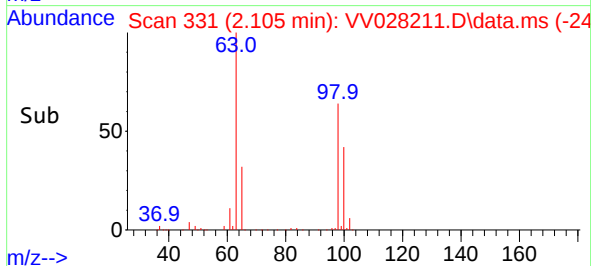
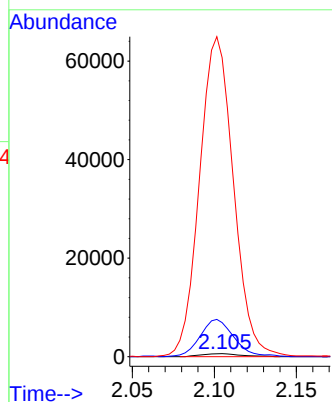
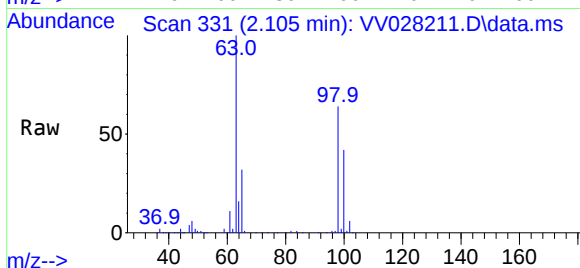
Tgt Ion: 96 Resp: 1034

Ion Ratio Lower Upper

96 100

61 1115.3 128.3 238.3#

63 9805.5 112.7 209.3#



#14

Carbon disulfide

Concen: 0.105 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028211.D

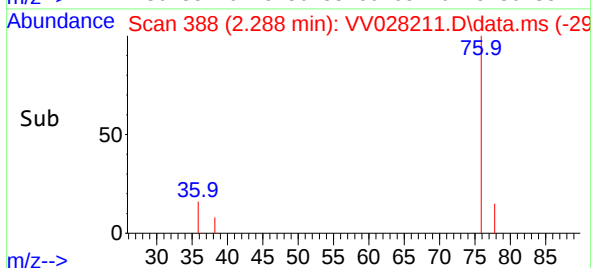
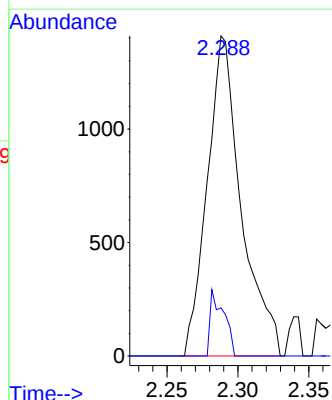
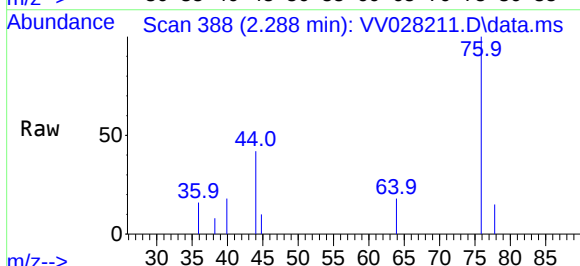
Acq: 30 Sep 2022 01:22

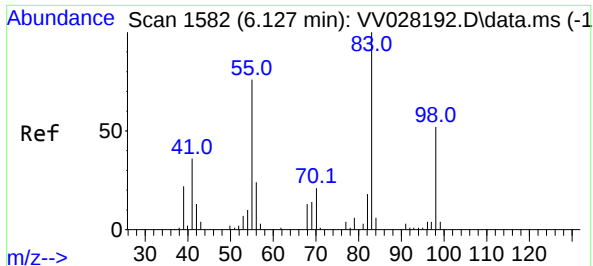
Tgt Ion: 76 Resp: 2358

Ion Ratio Lower Upper

76 100

78 15.0 7.6 11.4#

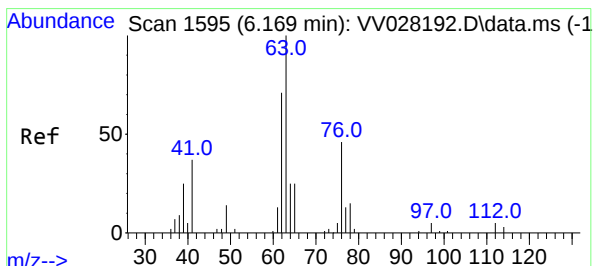
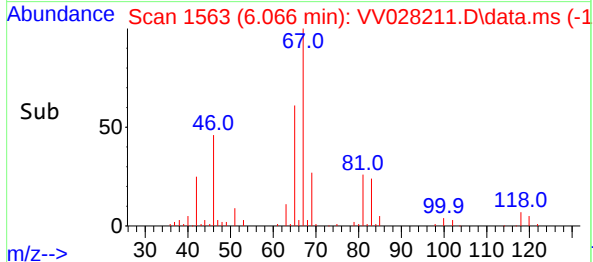
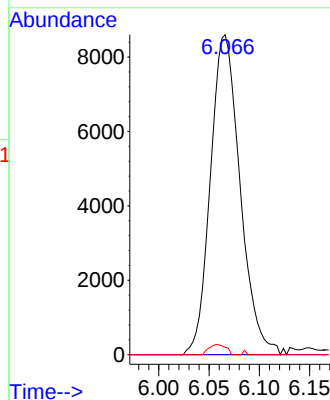
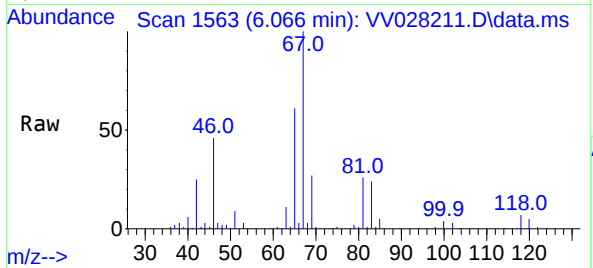




#35
Methylcyclohexane
Concen: 1.078 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028211.D
Acq: 30 Sep 2022 01:22

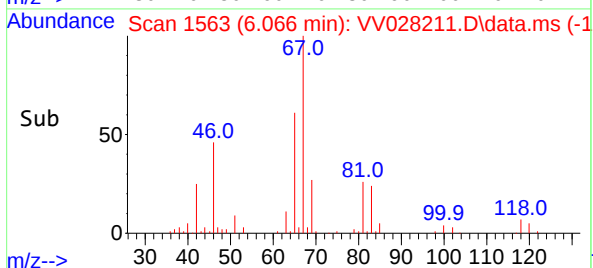
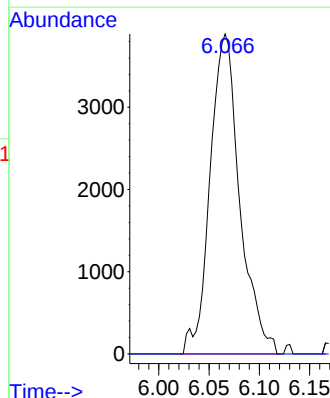
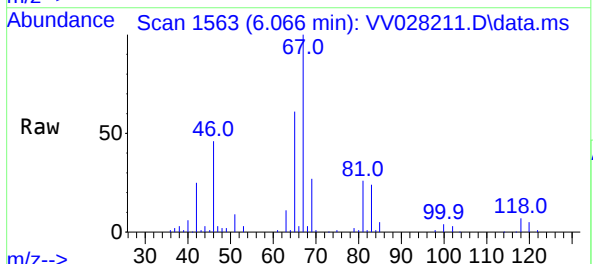
Instrument :
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F5H50

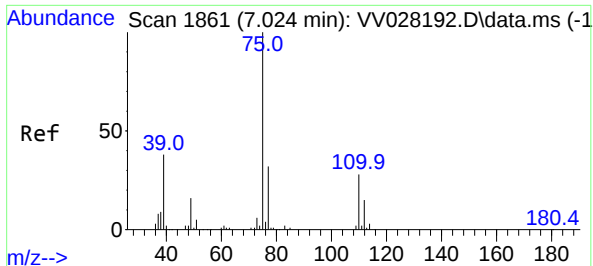
Tgt Ion: 83 Resp: 17658
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 1.8 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028211.D
Acq: 30 Sep 2022 01:22

Tgt Ion: 63 Resp: 7996
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV028211.D

Acq: 30 Sep 2022 01:22

Instrument :

MSVOA_V

ClientSampleId :

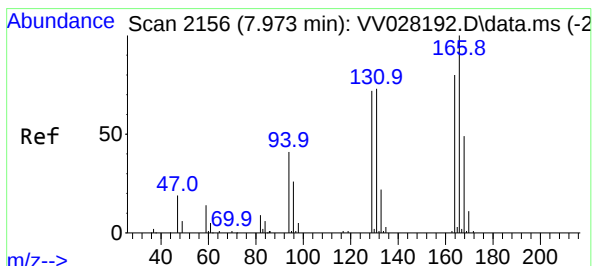
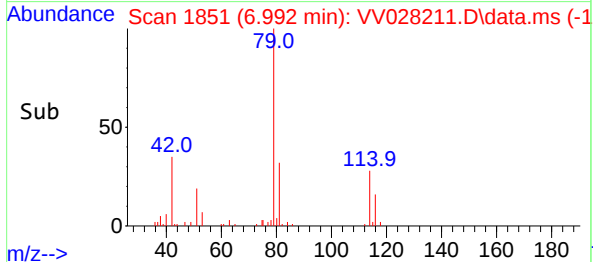
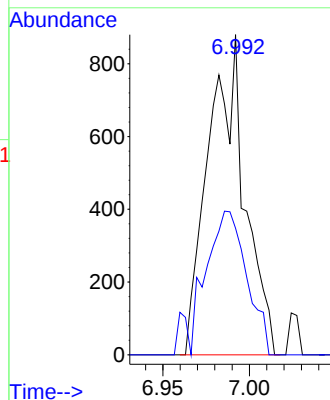
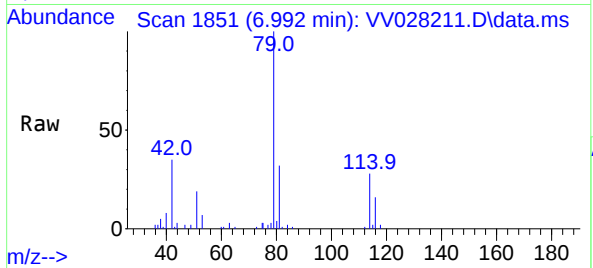
F5H50

Tgt Ion: 75 Resp: 1293

Ion Ratio Lower Upper

75 100

77 39.5 22.4 41.6



#47

Tetrachloroethene

Concen: 0.176 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV028211.D

Acq: 30 Sep 2022 01:22

Tgt Ion: 164 Resp: 1673

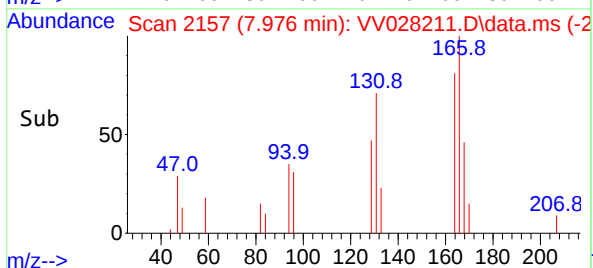
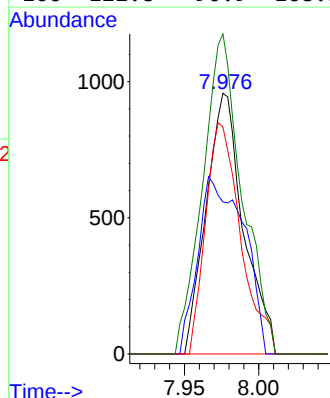
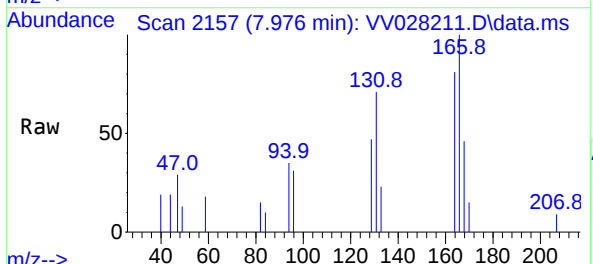
Ion Ratio Lower Upper

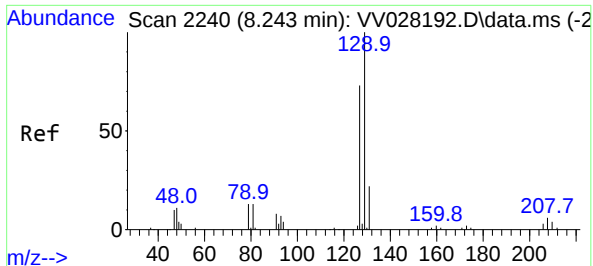
164 100

129 58.3 66.7 123.9#

131 87.0 61.7 114.5

166 122.8 90.9 168.9





#49

Dibromochloromethane

Concen: 0.129 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.273 min

Lab File: VV028211.D

Acq: 30 Sep 2022 01:22

Instrument :

MSVOA_V

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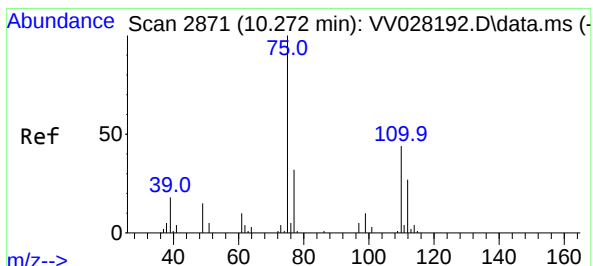
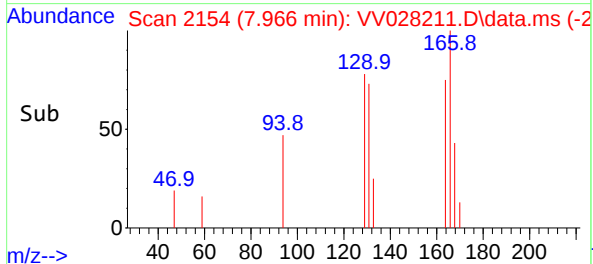
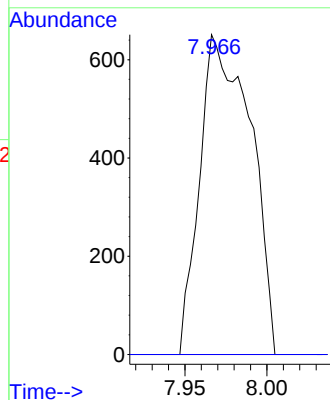
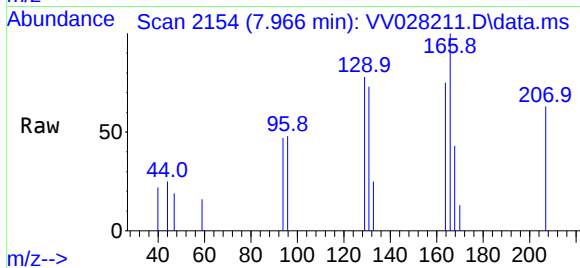
F5H50

Tgt Ion:129 Resp: 1400

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.978 min

Lab File: VV028211.D

Acq: 30 Sep 2022 01:22

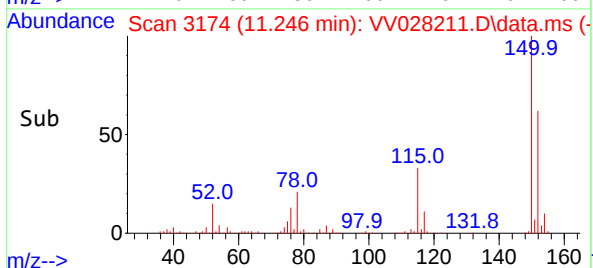
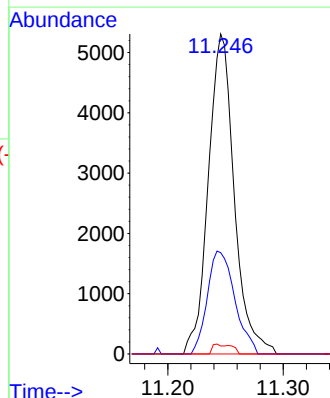
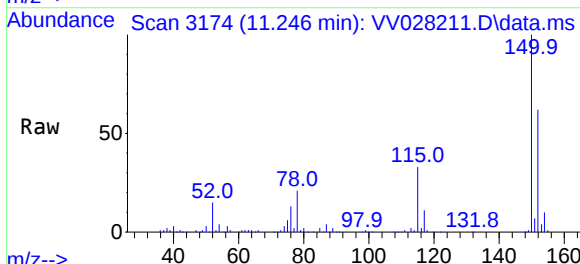
Tgt Ion: 75 Resp: 8270

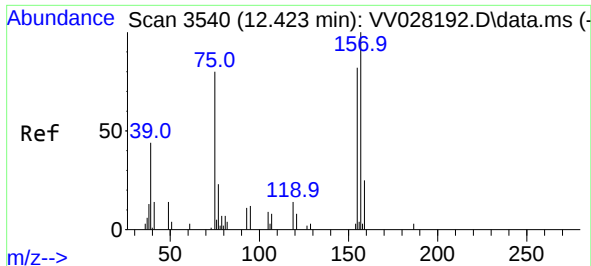
Ion Ratio Lower Upper

75 100

77 34.0 26.7 40.1

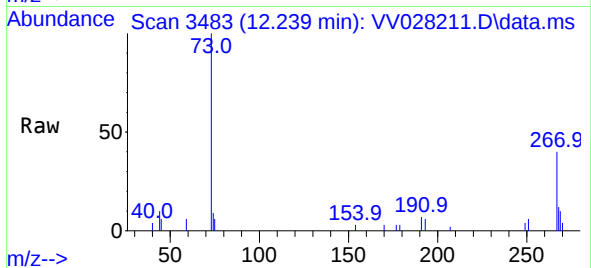
110 2.2 30.1 45.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.182 ug/L
 RT: 12.239 min Scan# 34
 Delta R.T. -0.183 min
 Lab File: VV028211.D
 Acq: 30 Sep 2022 01:22

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H50



Tgt Ion: 75 Resp: 278
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.6 110.4#
 157 0.0 90.7 136.1#

