

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028205.D
 Acq On : 29 Sep 2022 22:56
 Operator : SY/MD
 Sample : N4870-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H10

Quant Time: Sep 30 01:50:59 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

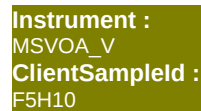
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	149004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67220	4.351	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.561	69	55948	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.101	63	92417	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.892	46	109823	42.111	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.220%
24) Chloroform-d	4.342	84	103206	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.027	65	48888	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.043	84	204748	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.063	67	58471	3.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.800%
41) Toluene-d8	7.313	98	170332	3.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.622	79	20850	3.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.085	63	86590	36.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42107	3.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	65568	4.418	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
5) Vinyl chloride	1.307	62	644	0.056	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1099	0.104	ug/L #	20
12) 1,1-Dichloroethene	2.098	96	868	0.084	ug/L #	1
22) cis-1,2-Dichloroethene	3.905	96	430	0.036	ug/L	91
25) Chloroform	4.368	83	27118	1.285	ug/L	96
35) Methylcyclohexane	6.063	83	14601	0.994	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	6148	0.509	ug/L #	87
38) Bromodichloromethane	6.510	83	8362	0.561	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1245	0.083	ug/L #	45
47) Tetrachloroethene	7.973	164	26205	3.064	ug/L	97
49) Dibromochloromethane	7.973	129	23775	2.445	ug/L #	11
61) 1,2,3-Trichloropropane	11.243	75	7216	1.137	ug/L #	67

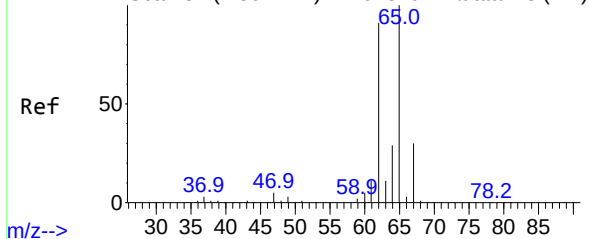
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :
F5H10

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MSVOA_V
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F5H10



Abundance Scan 82 (1.304 min): VV028192.D\data.ms (-74)



#5

Vinyl chloride

Concen: 0.056 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

F5H10

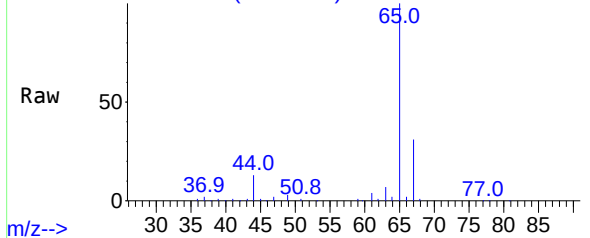
Tgt Ion: 62 Resp: 644

Ion Ratio Lower Upper

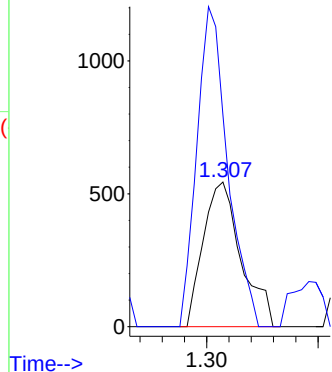
62 100

64 146.5 23.0 42.8#

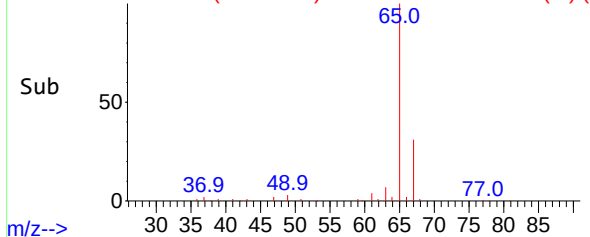
Abundance Scan 83 (1.307 min): VV028205.D\data.ms



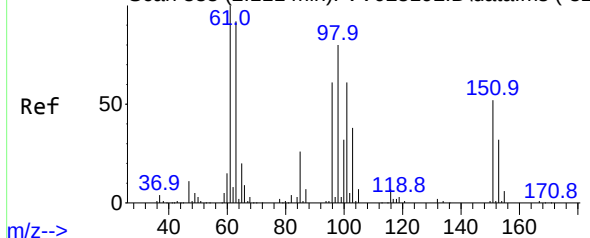
Abundance



Abundance Scan 83 (1.307 min): VV028205.D\data.ms (-1)



Abundance Scan 333 (2.111 min): VV028192.D\data.ms (-32)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.104 ug/L

RT: 2.101 min Scan# 330

Delta R.T. -0.006 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Tgt Ion: 101 Resp: 1099

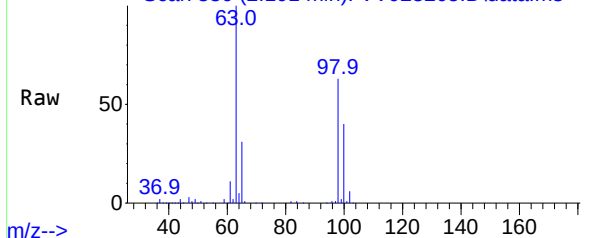
Ion Ratio Lower Upper

101 100

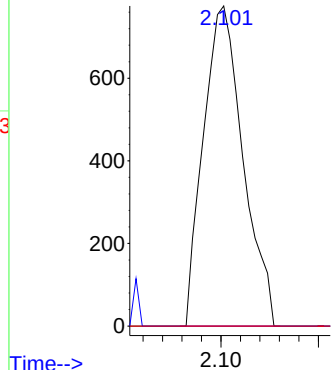
85 2.0 34.4 51.6#

151 0.0 61.1 91.7#

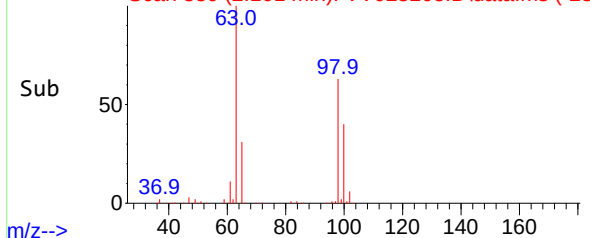
Abundance Scan 330 (2.101 min): VV028205.D\data.ms

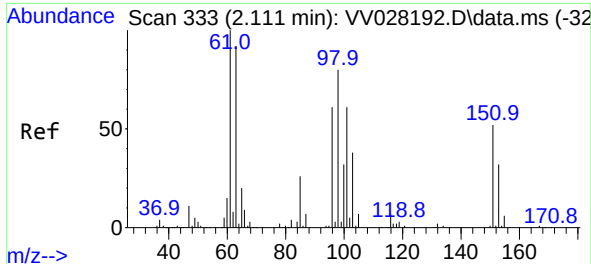


Abundance



Abundance Scan 330 (2.101 min): VV028205.D\data.ms (-23)





#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

F5H10

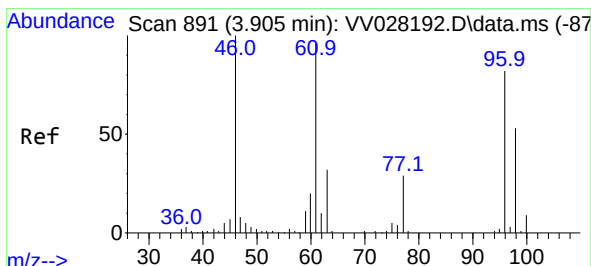
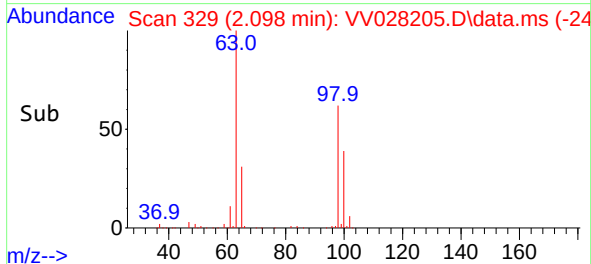
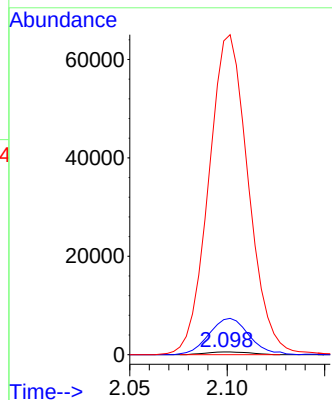
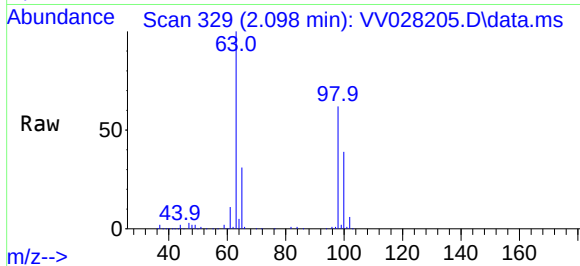
Tgt Ion: 96 Resp: 868

Ion Ratio Lower Upper

96 100

61 1256.4 128.3 238.3#

63 11265.0 112.7 209.3#



#22

cis-1,2-Dichloroethene

Concen: 0.036 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

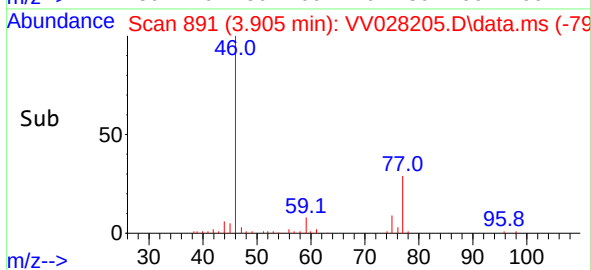
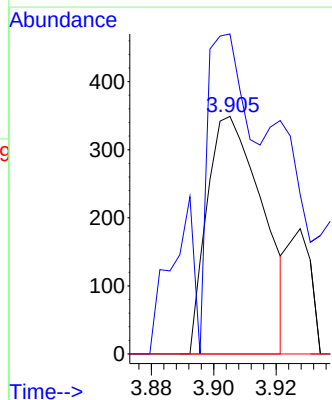
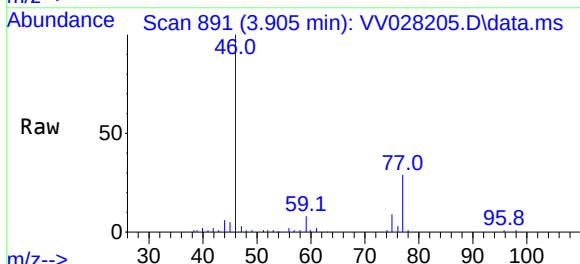
Tgt Ion: 96 Resp: 430

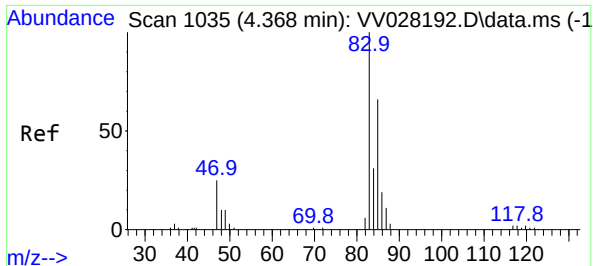
Ion Ratio Lower Upper

96 100

61 134.7 87.2 161.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.285 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

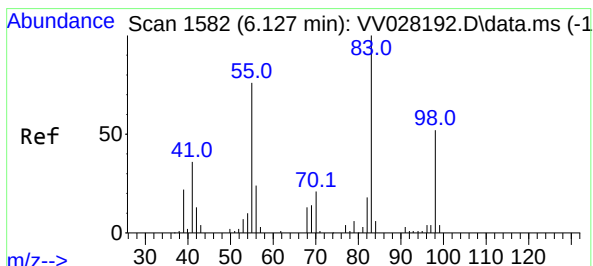
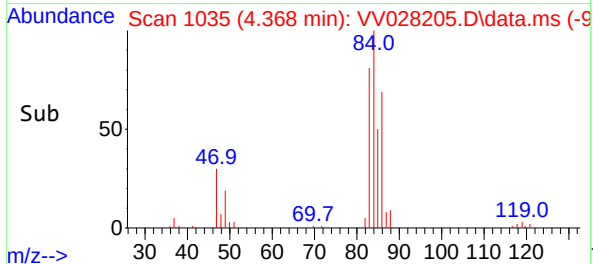
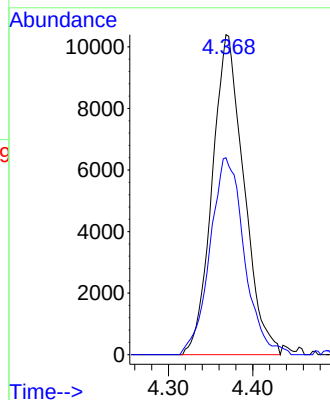
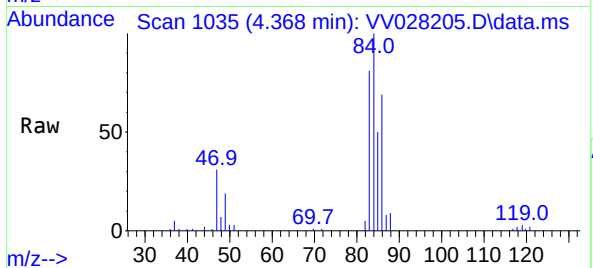
F5H10

Tgt Ion: 83 Resp: 27118

Ion Ratio Lower Upper

83 100

85 61.6 45.1 83.7



#35

Methylcyclohexane

Concen: 0.994 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

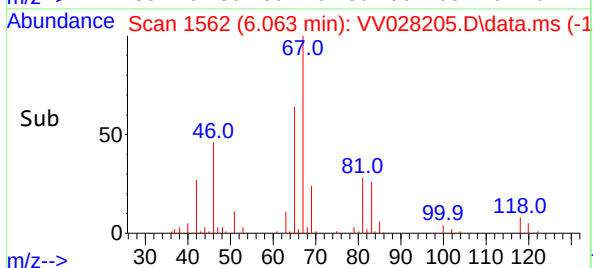
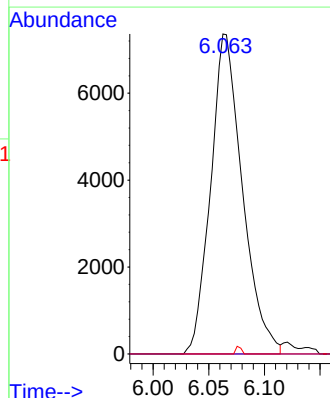
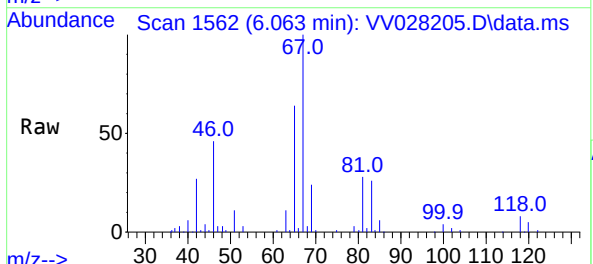
Tgt Ion: 83 Resp: 14601

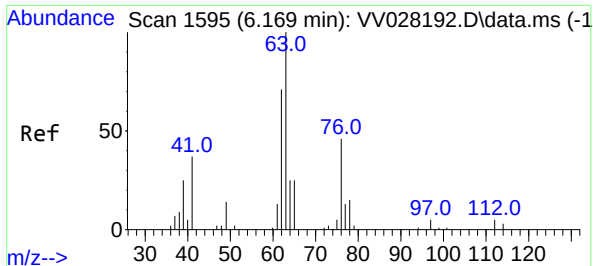
Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.4 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.509 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

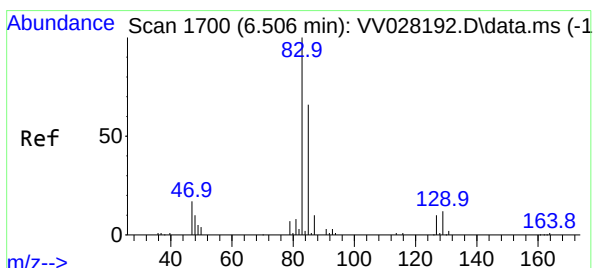
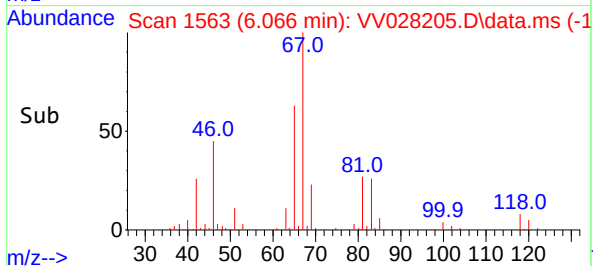
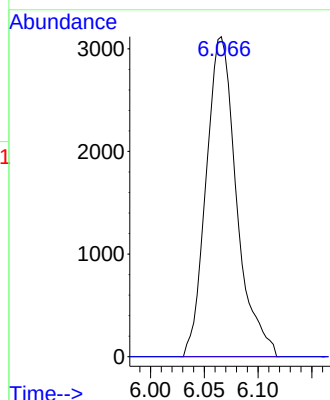
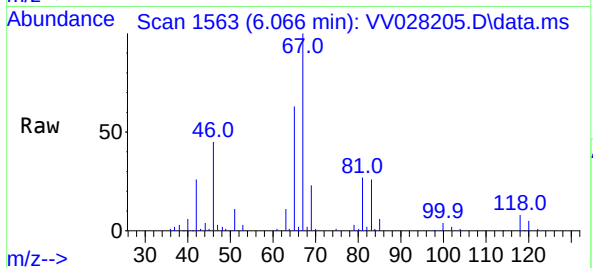
F5H10

Tgt Ion: 63 Resp: 6148

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#38

Bromodichloromethane

Concen: 0.561 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

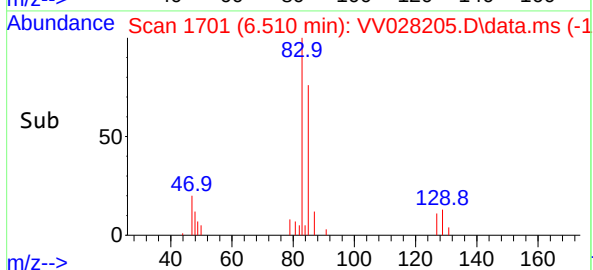
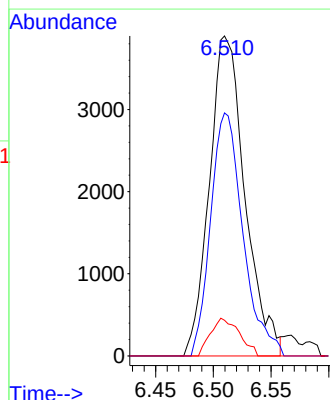
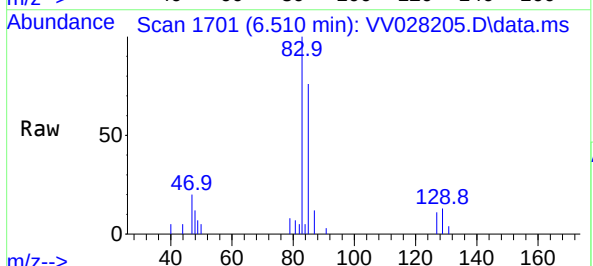
Tgt Ion: 83 Resp: 8362

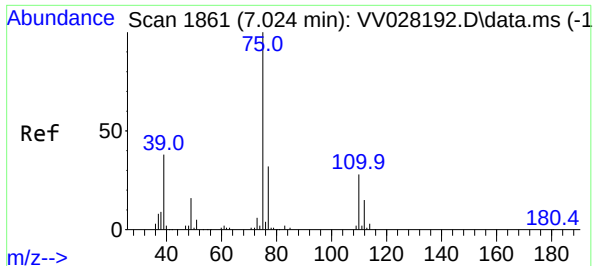
Ion Ratio Lower Upper

83 100

85 75.9 43.8 81.4

127 11.1 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

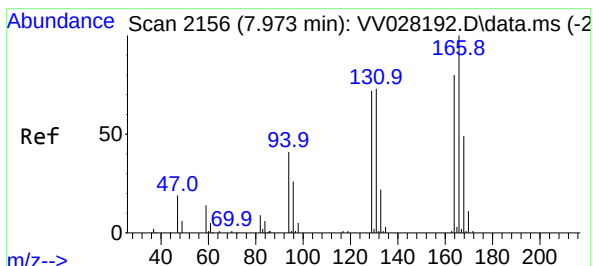
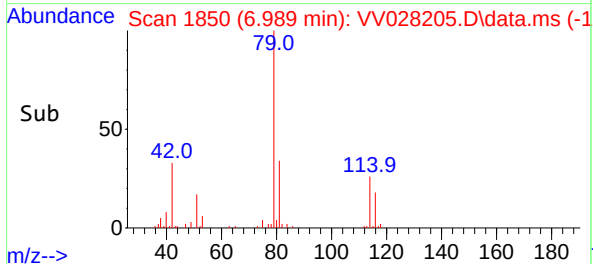
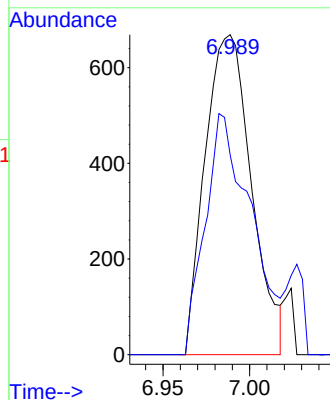
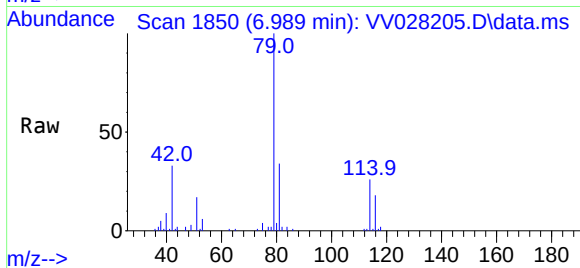
F5H10

Tgt Ion: 75 Resp: 1245

Ion Ratio Lower Upper

75 100

77 62.5 22.4 41.6#



#47

Tetrachloroethene

Concen: 3.064 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Tgt Ion:164 Resp: 26205

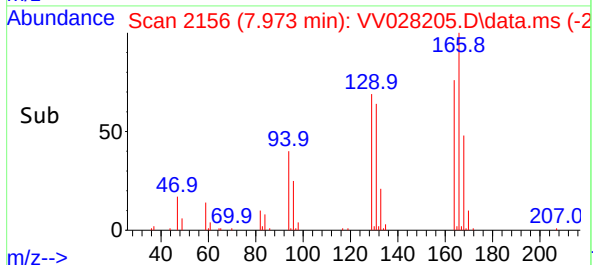
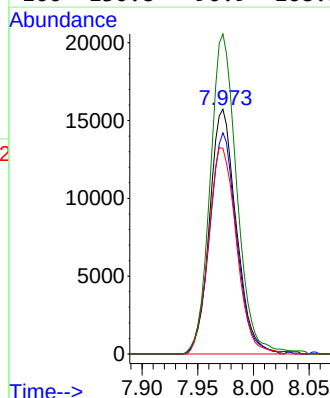
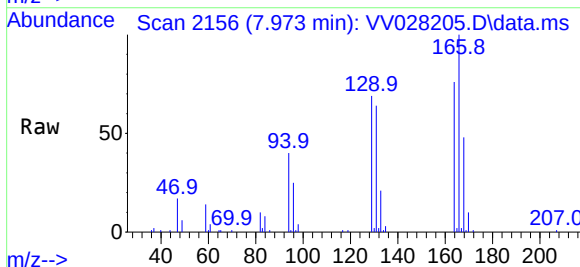
Ion Ratio Lower Upper

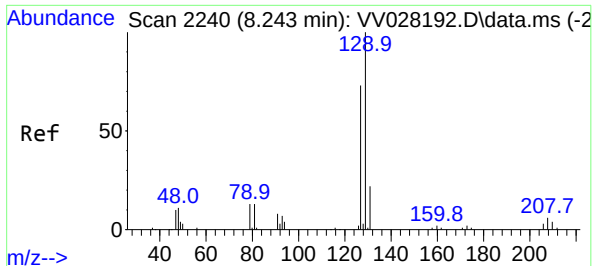
164 100

129 90.4 66.7 123.9

131 84.0 61.7 114.5

166 130.8 90.9 168.9





#49

Dibromochloromethane

Concen: 2.445 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

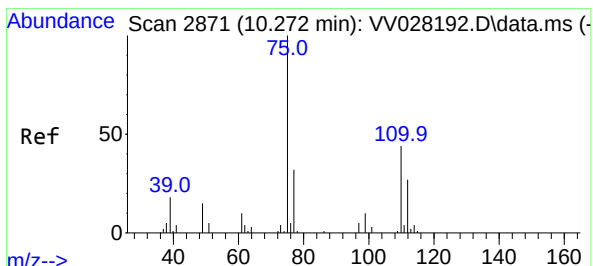
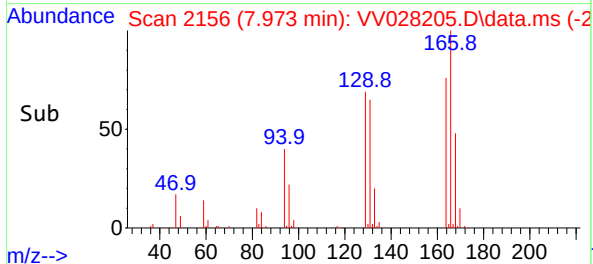
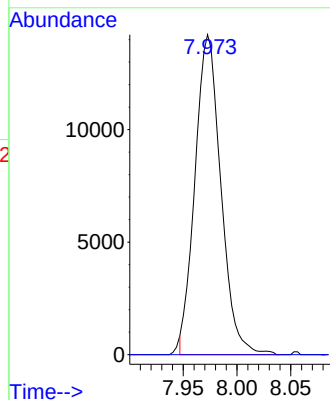
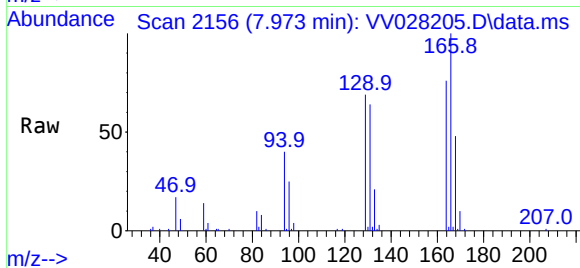
F5H10

Tgt Ion:129 Resp: 23775

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.137 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028205.D

Acq: 29 Sep 2022 22:56

Tgt Ion: 75 Resp: 7216

Ion Ratio Lower Upper

75 100

77 33.8 26.7 40.1

110 0.9 30.1 45.1#

