

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028158.D
 Acq On : 28 Sep 2022 14:49
 Operator : SY/MD
 Sample : N4871-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H03

Quant Time: Sep 29 01:28:25 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)

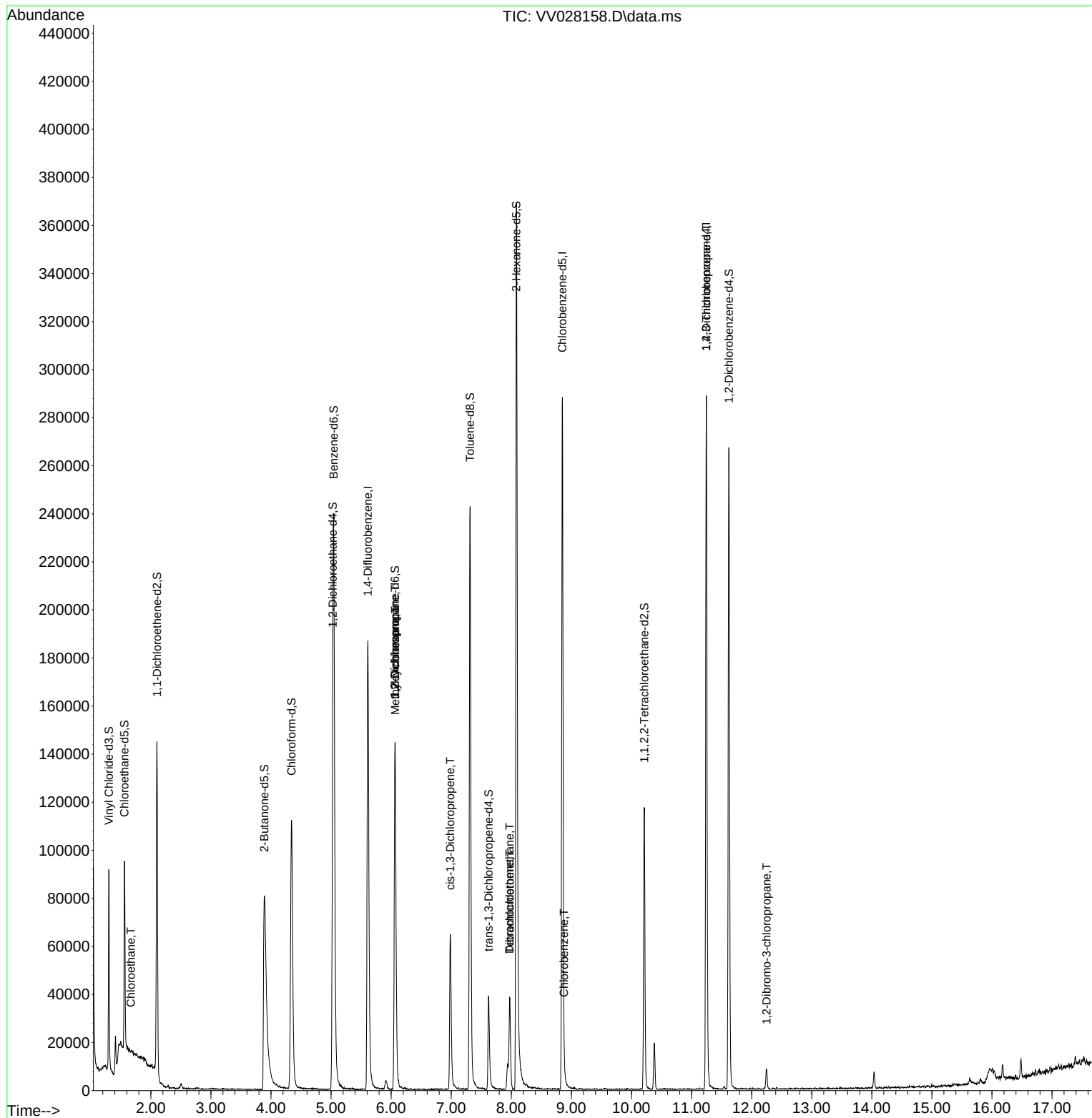
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	170103	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53208	3.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.561	69	50857	3.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.102	63	70727	2.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.200%#
20) 2-Butanone-d5	3.889	46	167141	56.140	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.280%
24) Chloroform-d	4.343	84	121942	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.027	65	61143	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.044	84	225383	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.066	67	74062	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.314	98	171676	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.622	79	25351	4.128	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.085	63	137164	53.513	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56893	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	76368	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
8) Chloroethane	1.667	64	980	0.111	ug/L #	53
35) Methylcyclohexane	6.069	83	18415	1.168	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	7891	0.609	ug/L #	87
39) cis-1,3-Dichloropropene	6.986	75	1443	0.090	ug/L #	48
47) Tetrachloroethene	7.973	164	9049	0.986	ug/L	98
49) Dibromochloromethane	7.973	129	8393	0.804	ug/L #	11
51) Chlorobenzene	8.879	112	1333	0.041	ug/L #	79
61) 1,2,3-Trichloropropane	11.246	75	7892	1.155	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.249	75	214	0.143	ug/L #	1

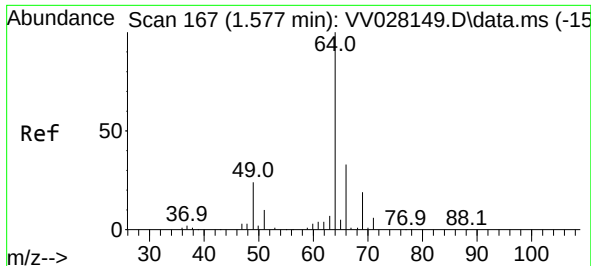
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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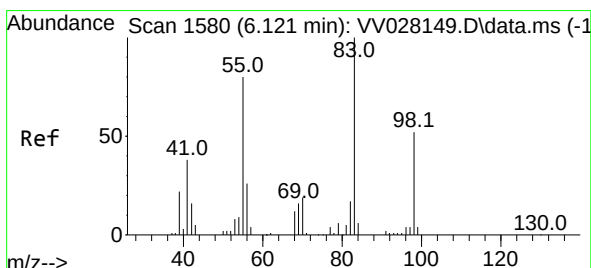
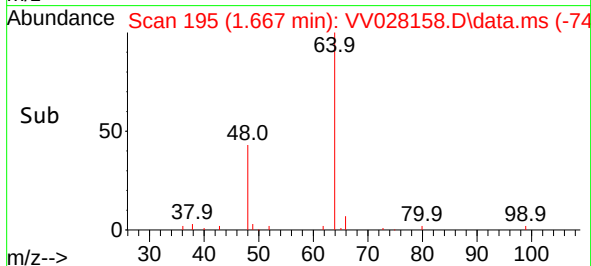
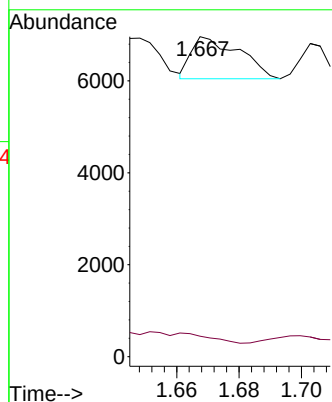
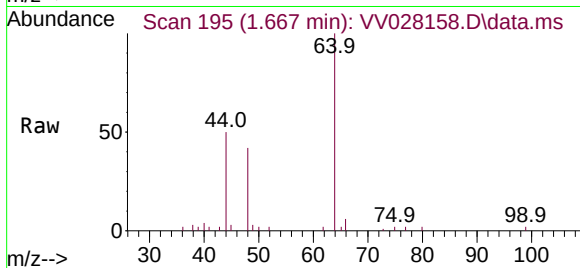




#8
Chloroethane
Concen: 0.111 ug/L
RT: 1.667 min Scan# 15
Delta R.T. 0.090 min
Lab File: VV028158.D
Acq: 28 Sep 2022 14:49

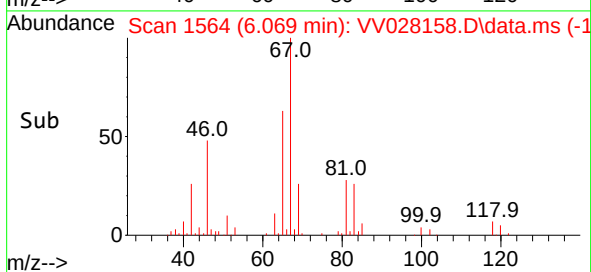
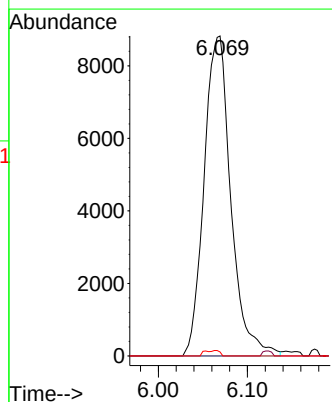
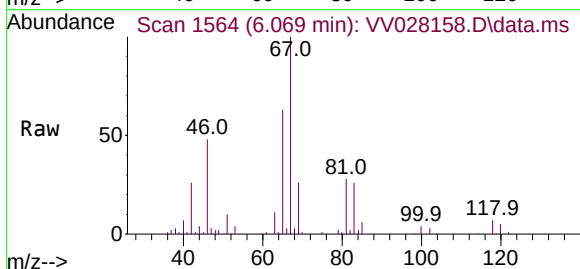
Instrument :
MSVOA_V
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F5H03

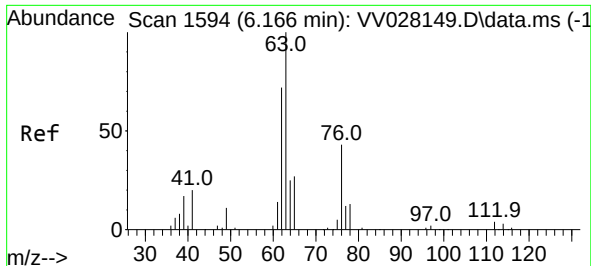
Tgt Ion: 64 Resp: 980
Ion Ratio Lower Upper
64 100
66 6.4 23.0 42.8#



#35
Methylcyclohexane
Concen: 1.168 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.051 min
Lab File: VV028158.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 83 Resp: 18415
Ion Ratio Lower Upper
83 100
55 0.5 64.7 97.1#
98 0.6 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV028158.D

Acq: 28 Sep 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

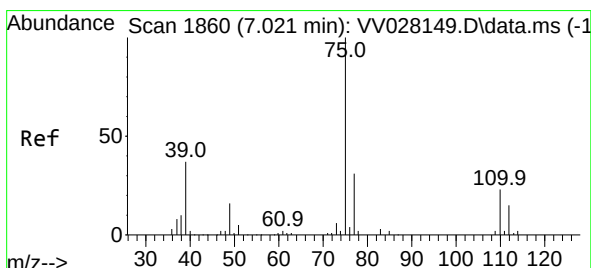
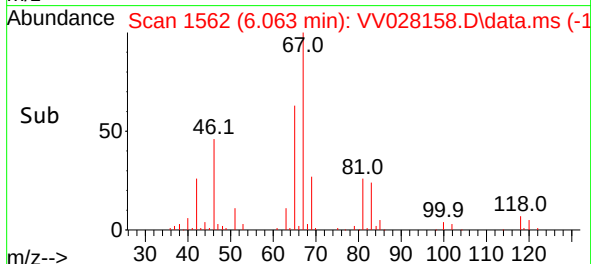
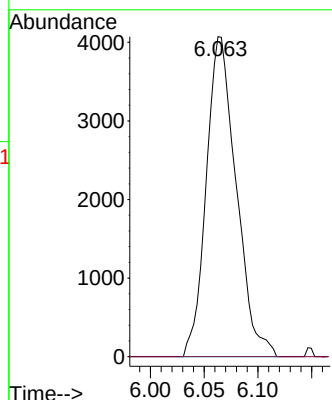
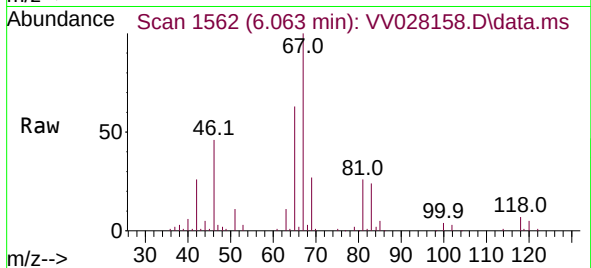
F5H03

Tgt Ion: 63 Resp: 7891

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV028158.D

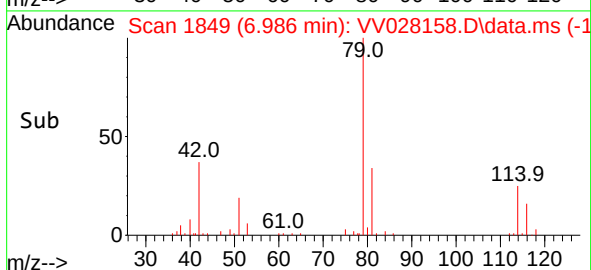
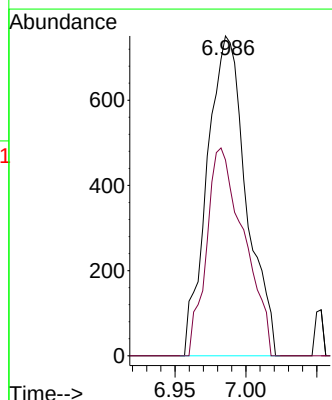
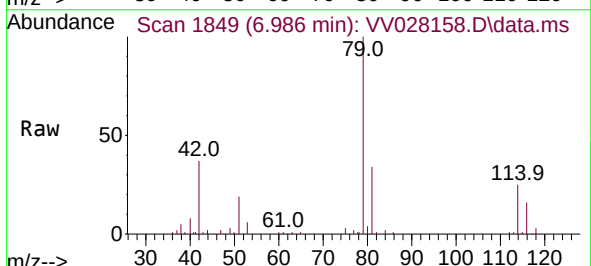
Acq: 28 Sep 2022 14:49

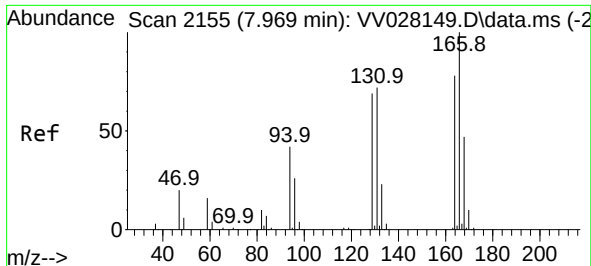
Tgt Ion: 75 Resp: 1443

Ion Ratio Lower Upper

75 100

77 61.3 22.4 41.6#

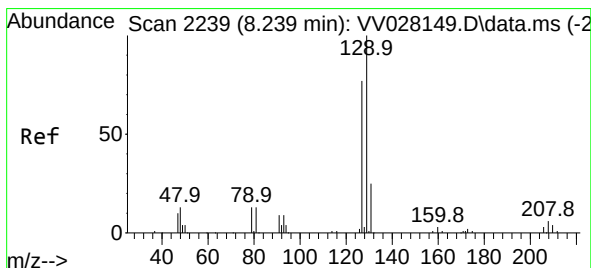
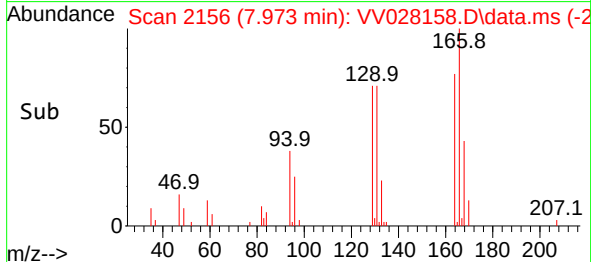
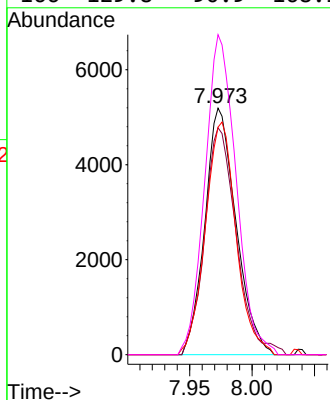
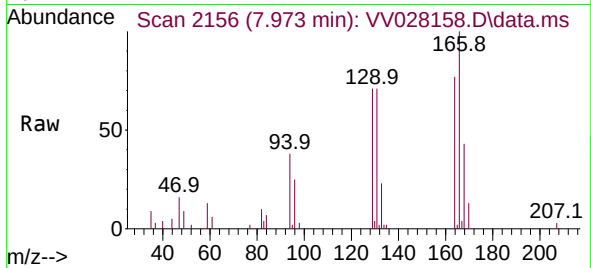




#47
Tetrachloroethene
Concen: 0.986 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028158.D
Acq: 28 Sep 2022 14:49

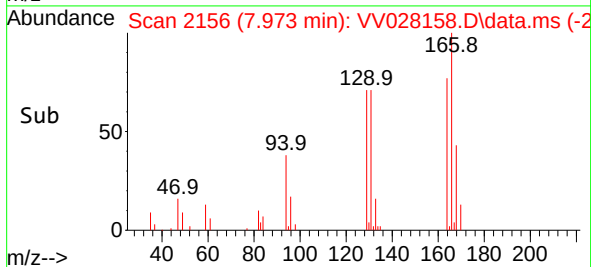
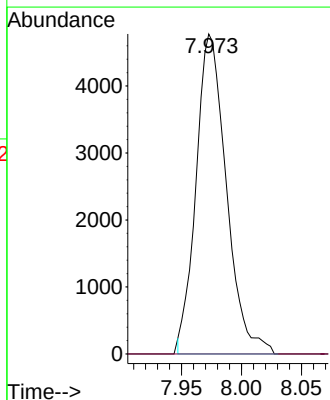
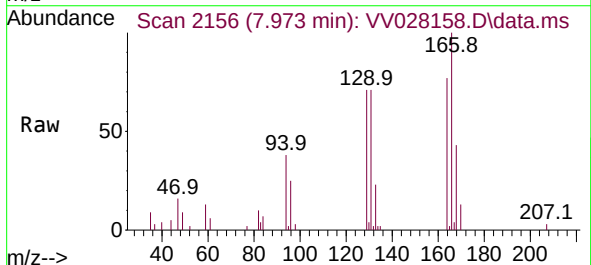
Instrument :
MSVOA_V
ClientSampleId :
F5H03

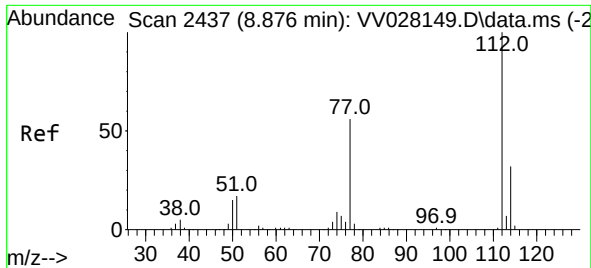
Tgt Ion:164	Resp:	9049
Ion Ratio	Lower	Upper
164	100	
129	92.0	66.7 123.9
131	92.3	61.7 114.5
166	129.8	90.9 168.9



#49
Dibromochloromethane
Concen: 0.804 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.267 min
Lab File: VV028158.D
Acq: 28 Sep 2022 14:49

Tgt Ion:129	Resp:	8393
Ion Ratio	Lower	Upper
129	100	
127	0.0	54.3 100.9#

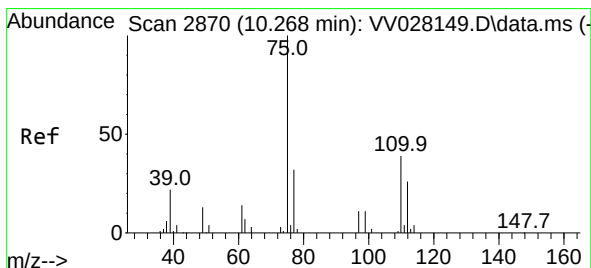
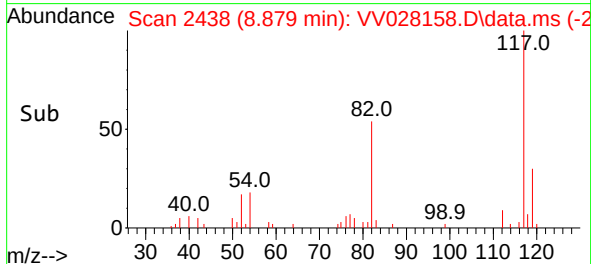
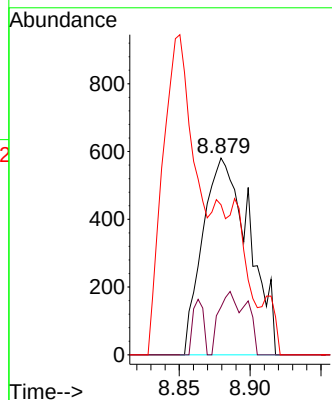
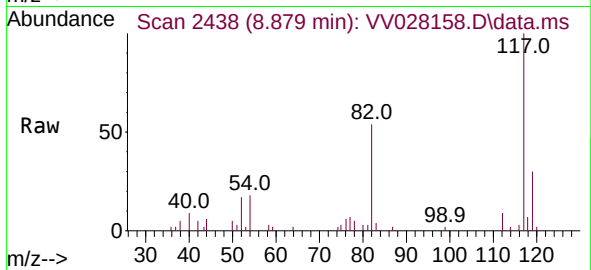




#51
Chlorobenzene
Concen: 0.041 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028158.D
Acq: 28 Sep 2022 14:49

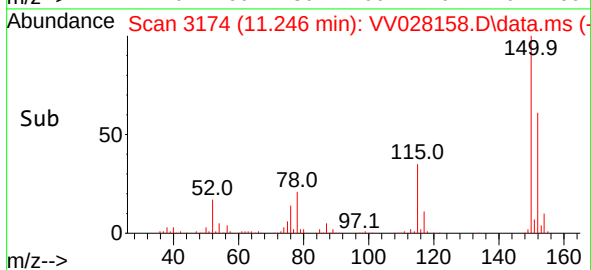
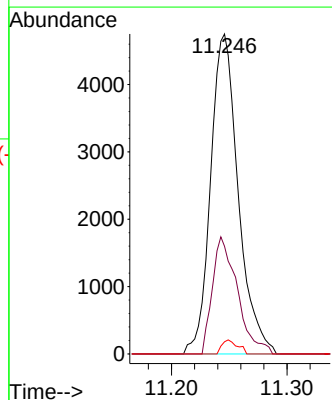
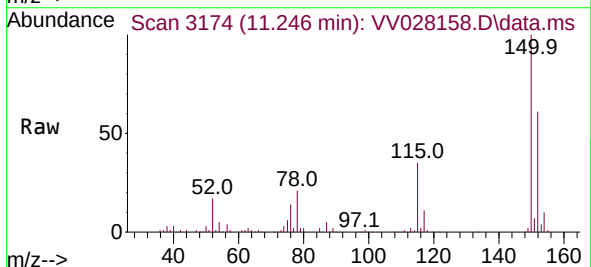
Instrument :
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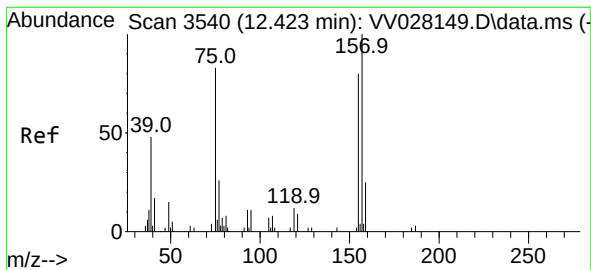
Tgt Ion:112 Resp: 1333
Ion Ratio Lower Upper
112 100
114 24.3 22.5 41.7
77 76.2 46.1 69.1#



#61
1,2,3-Trichloropropane
Concen: 1.155 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.978 min
Lab File: VV028158.D
Acq: 28 Sep 2022 14:49

Tgt Ion: 75 Resp: 7892
Ion Ratio Lower Upper
75 100
77 33.1 26.7 40.1
110 2.5 30.1 45.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.143 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV028158.D
 Acq: 28 Sep 2022 14:49

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H03

Tgt Ion: 75 Resp: 214
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.6 110.4#
 157 0.0 90.7 136.1#

