

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028179.D
 Acq On : 29 Sep 2022 12:07
 Operator : SY/MD
 Sample : N4871-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H69

Quant Time: Sep 30 01:46:50 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

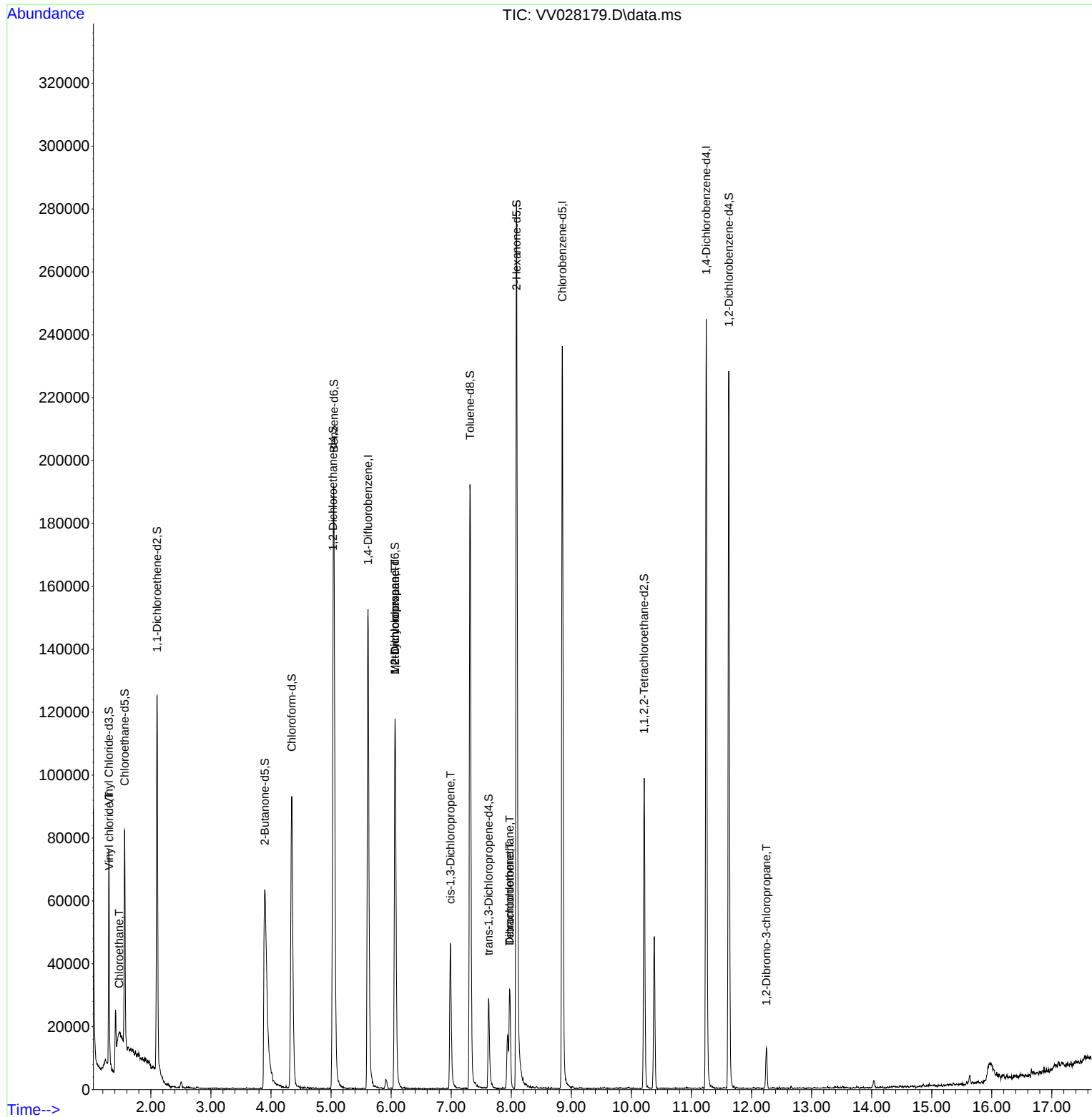
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	143061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	44959	3.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.564	69	45219	3.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.101	63	62217	2.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.400%#
20) 2-Butanone-d5	3.895	46	124489	49.717	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.440%
24) Chloroform-d	4.346	84	100271	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.034	65	49416	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.047	84	178187	3.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.066	67	58369	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.313	98	136782	3.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	7.622	79	18786	3.545	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.088	63	106005	47.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47142	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	63563	4.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	568	0.051	ug/L #	1
8) Chloroethane	1.471	64	23986	3.224	ug/L #	51
35) Methylcyclohexane	6.066	83	14864	1.092	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	6483	0.580	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1223	0.088	ug/L	91
47) Tetrachloroethene	7.976	164	8074	1.020	ug/L	91
49) Dibromochloromethane	7.972	129	7635	0.848	ug/L #	11
68) 1,2-Dibromo-3-chloropr...	12.246	75	358	0.275	ug/L #	15

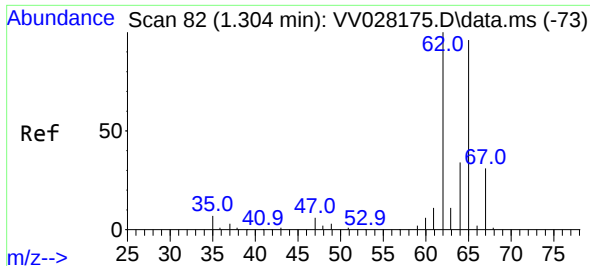
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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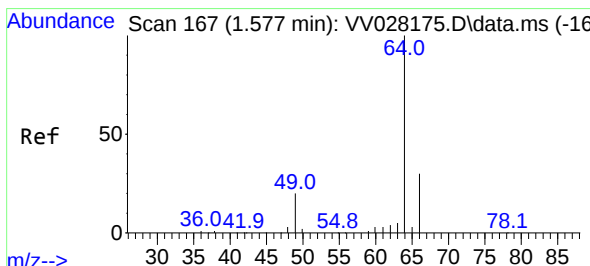
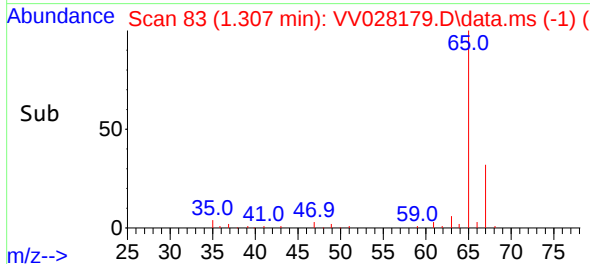
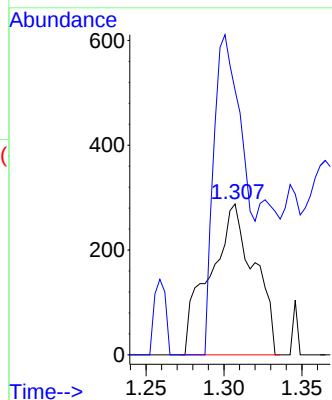
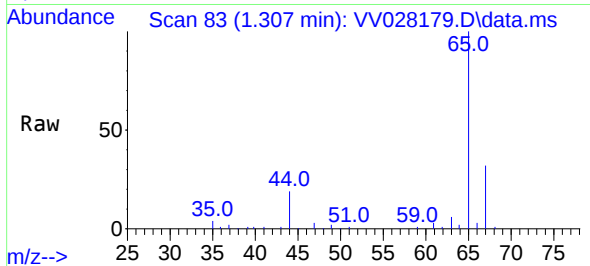




#5
 Vinyl chloride
 Concen: 0.051 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028179.D
 Acq: 29 Sep 2022 12:07

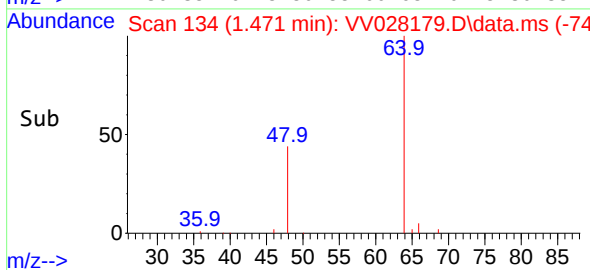
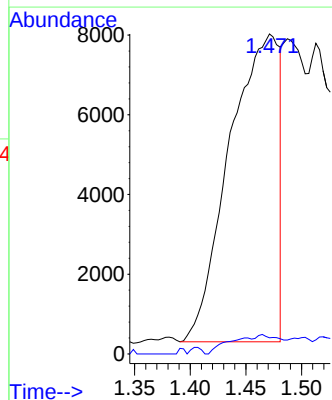
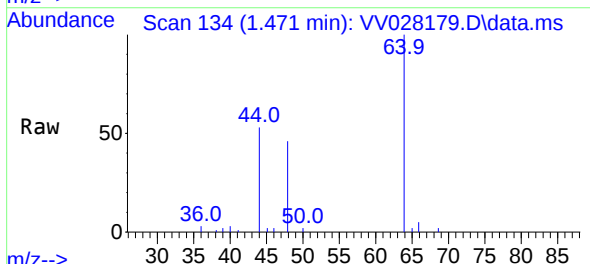
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H69

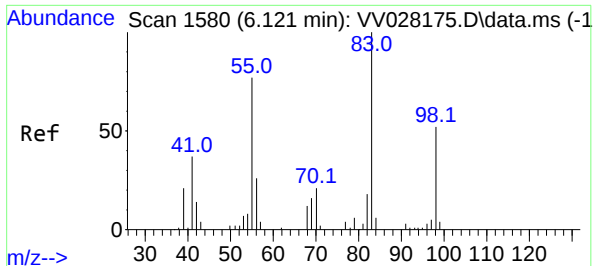
Tgt Ion: 62 Resp: 568
 Ion Ratio Lower Upper
 62 100
 64 175.3 23.0 42.8#



#8
 Chloroethane
 Concen: 3.224 ug/L
 RT: 1.471 min Scan# 134
 Delta R.T. -0.106 min
 Lab File: VV028179.D
 Acq: 29 Sep 2022 12:07

Tgt Ion: 64 Resp: 23986
 Ion Ratio Lower Upper
 64 100
 66 5.0 23.0 42.8#





#35

Methylcyclohexane

Concen: 1.092 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028179.D

Acq: 29 Sep 2022 12:07

Instrument :

MSVOA_V

ClientSampleId :

F5H69

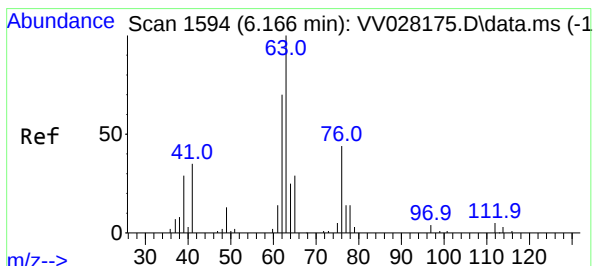
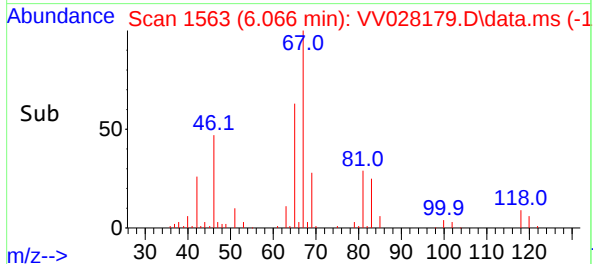
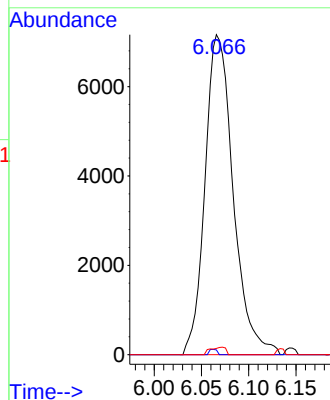
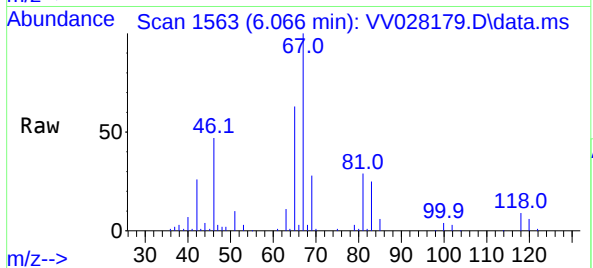
Tgt Ion: 83 Resp: 14864

Ion Ratio Lower Upper

83 100

55 0.4 64.7 97.1#

98 1.3 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV028179.D

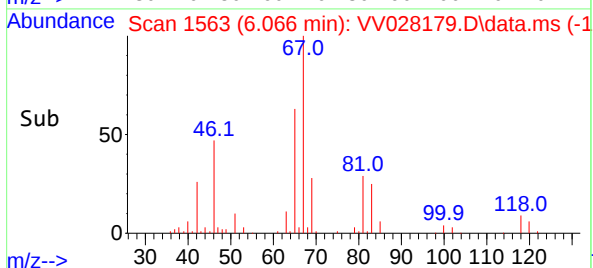
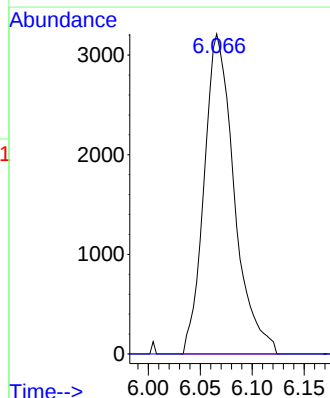
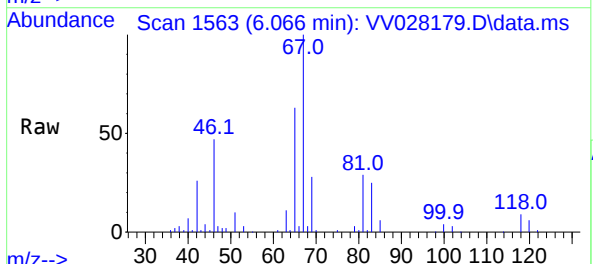
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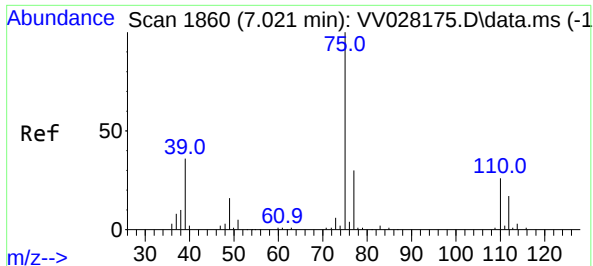
Tgt Ion: 63 Resp: 6483

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

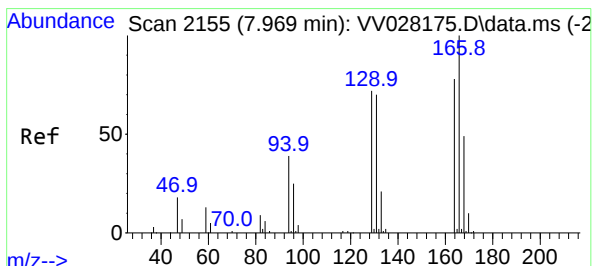
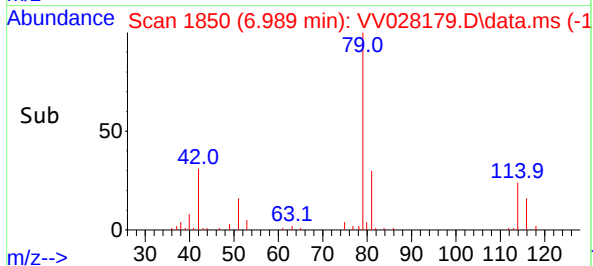
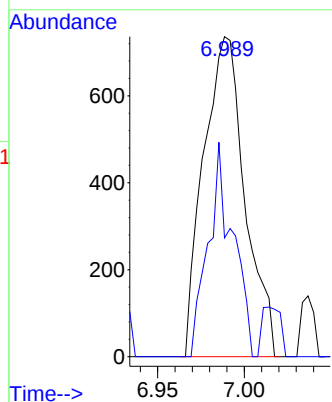
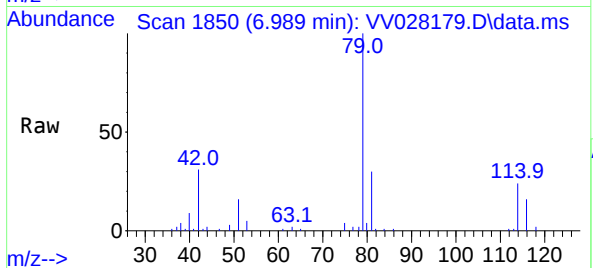




#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.989 min Scan# 11
Delta R.T. -0.032 min
Lab File: VV028179.D
Acq: 29 Sep 2022 12:07

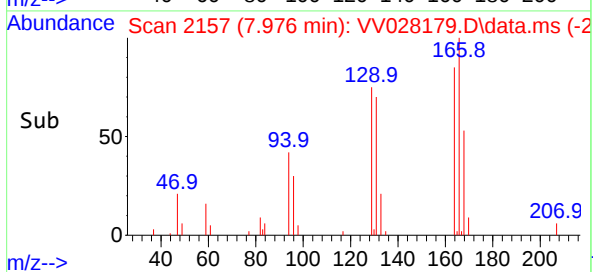
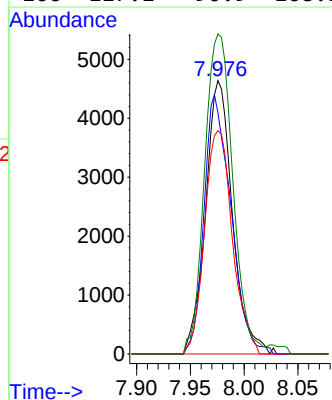
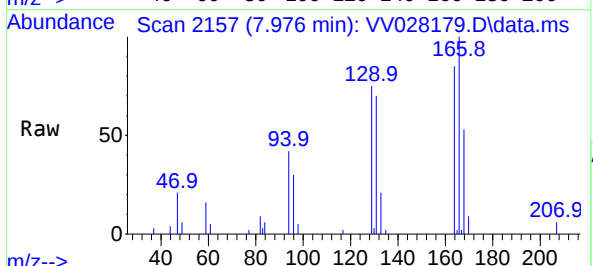
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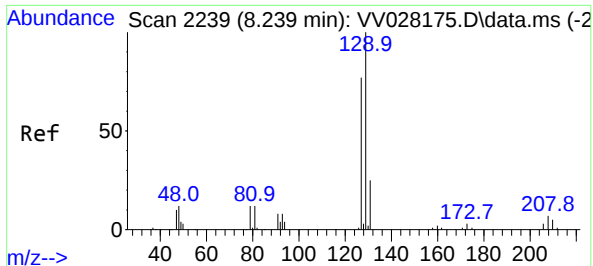
Tgt Ion: 75 Resp: 1223
Ion Ratio Lower Upper
75 100
77 37.1 22.4 41.6



#47
Tetrachloroethene
Concen: 1.020 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV028179.D
Acq: 29 Sep 2022 12:07

Tgt Ion: 164 Resp: 8074
Ion Ratio Lower Upper
164 100
129 88.2 66.7 123.9
131 81.7 61.7 114.5
166 117.1 90.9 168.9





#49

Dibromochloromethane

Concen: 0.848 ug/L

RT: 7.972 min Scan# 21

Delta R.T. -0.267 min

Lab File: VV028179.D

Acq: 29 Sep 2022 12:07

Instrument :

MSVOA_V

ClientSampleId :

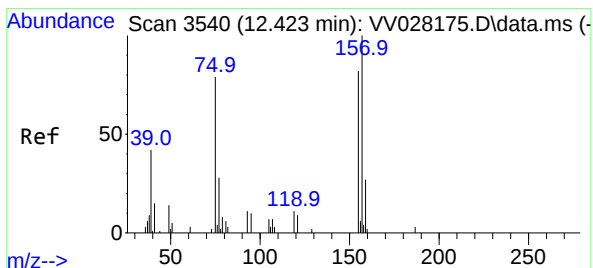
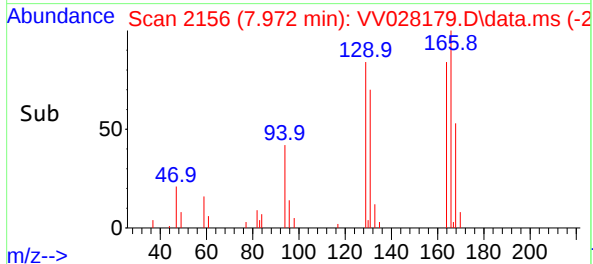
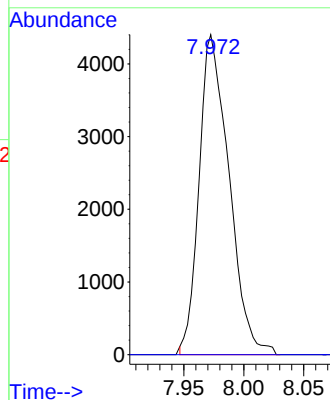
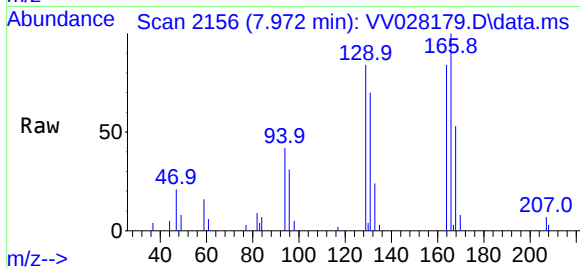
F5H69

Tgt Ion:129 Resp: 7635

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.275 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.177 min

Lab File: VV028179.D

Acq: 29 Sep 2022 12:07

Tgt Ion: 75 Resp: 358

Ion Ratio Lower Upper

75 100

155 34.4 73.6 110.4#

157 0.0 90.7 136.1#

