

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028162.D
 Acq On : 28 Sep 2022 16:27
 Operator : SY/MD
 Sample : N4871-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H25

Quant Time: Sep 29 01:29:24 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)

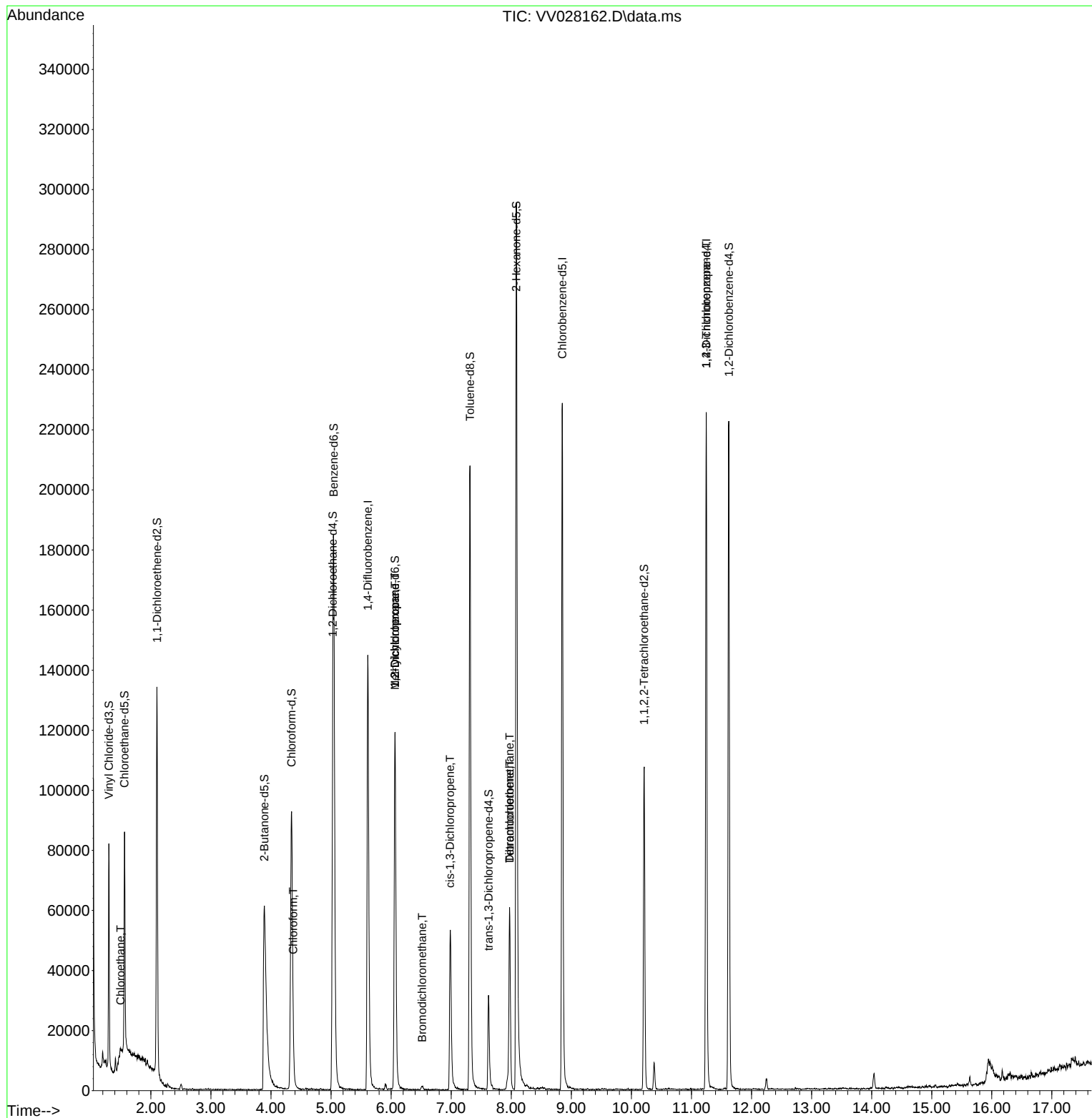
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	133937	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	65505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	48202	3.471	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.561	69	48568	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.101	63	64155	2.664	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.200%#	
20) 2-Butanone-d5	3.889	46	124690	53.190	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.380%	
24) Chloroform-d	4.342	84	99595	4.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.027	65	49590	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.043	84	175492	3.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	6.066	67	58831	4.201	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.313	98	144525	3.555	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	7.622	79	19291	3.814	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.085	63	107739	51.036	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.080%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	53695	5.610	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	64204	4.997	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						
8) Chloroethane	1.494	64	10301	1.479	ug/L #	54
25) Chloroform	4.368	83	1962	0.103	ug/L	97
35) Methylcyclohexane	6.063	83	15367	1.183	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	6153	0.577	ug/L #	88
38) Bromodichloromethane	6.516	83	1330	0.101	ug/L #	93
39) cis-1,3-Dichloropropene	6.982	75	1326	0.100	ug/L #	1
47) Tetrachloroethene	7.972	164	14868	1.967	ug/L	97
49) Dibromochloromethane	7.972	129	12872	1.498	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6236	1.135	ug/L #	68

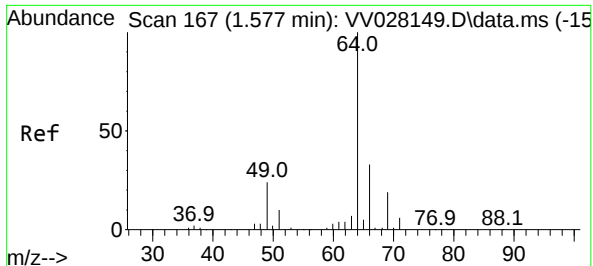
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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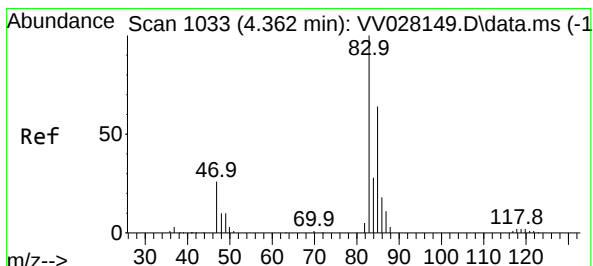
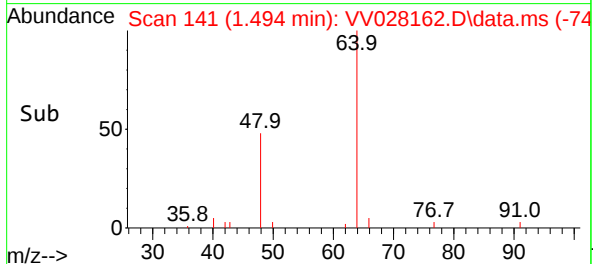
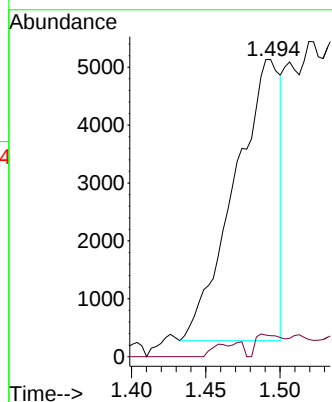
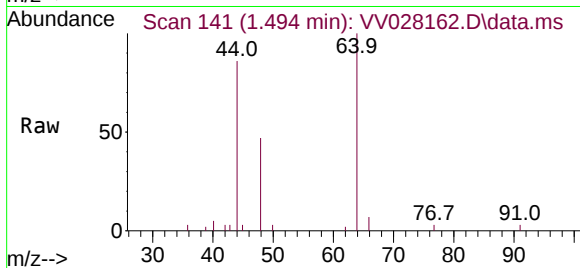




#8
Chloroethane
Concen: 1.479 ug/L
RT: 1.494 min Scan# 14
Delta R.T. -0.084 min
Lab File: VV028162.D
Acq: 28 Sep 2022 16:27

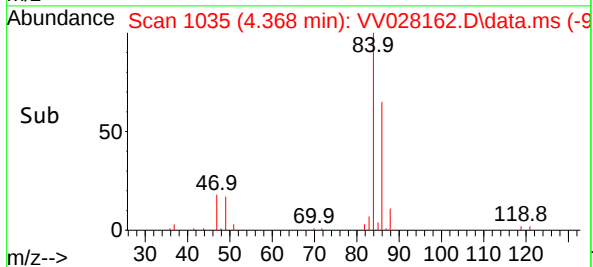
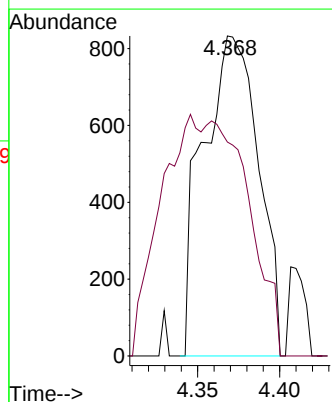
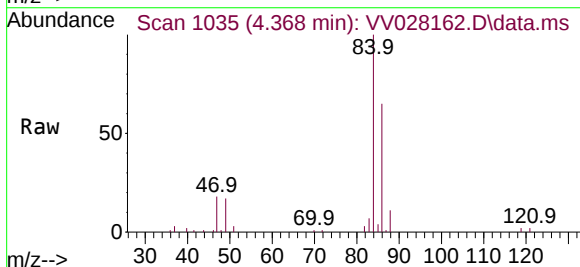
Instrument :
MSVOA_V
ClientSampleId :
F5H25

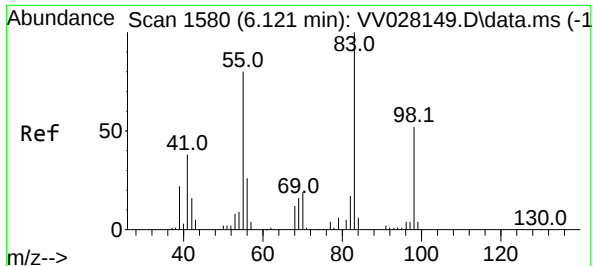
Tgt Ion: 64 Resp: 10301
Ion Ratio Lower Upper
64 100
66 7.0 23.0 42.8#



#25
Chloroform
Concen: 0.103 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV028162.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 83 Resp: 1962
Ion Ratio Lower Upper
83 100
85 66.9 45.1 83.7





#35

Methylcyclohexane

Concen: 1.183 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028162.D

Acq: 28 Sep 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

F5H25

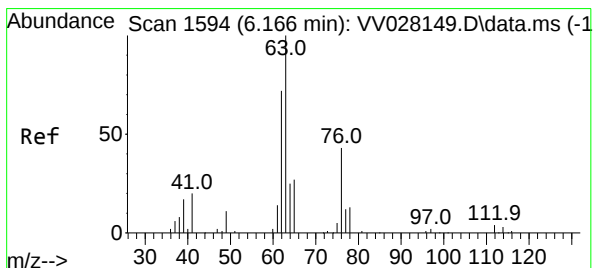
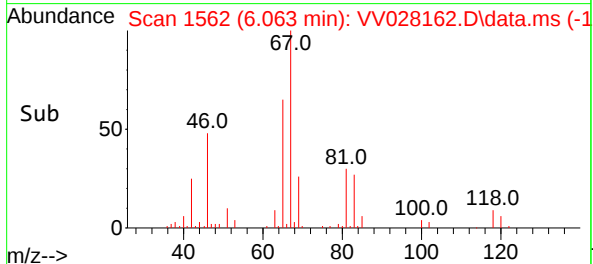
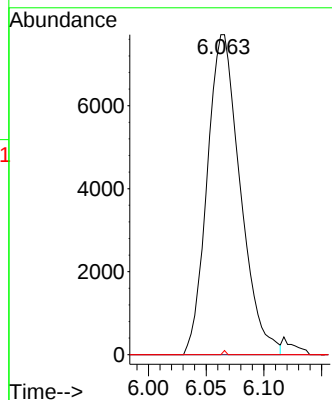
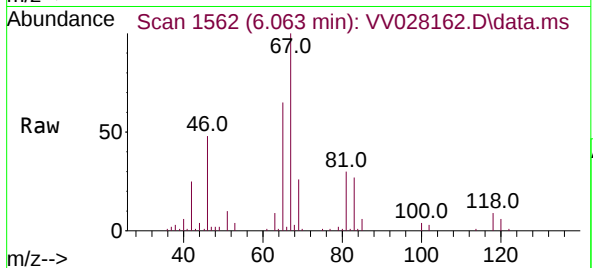
Tgt Ion: 83 Resp: 15367

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.1 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV028162.D

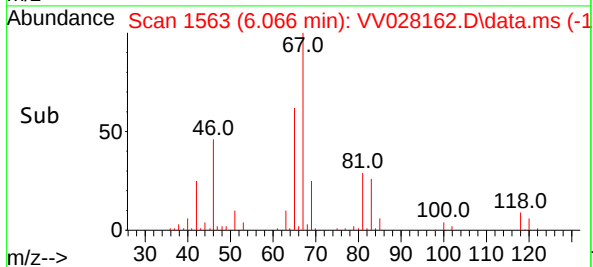
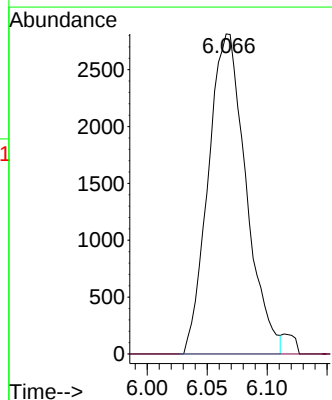
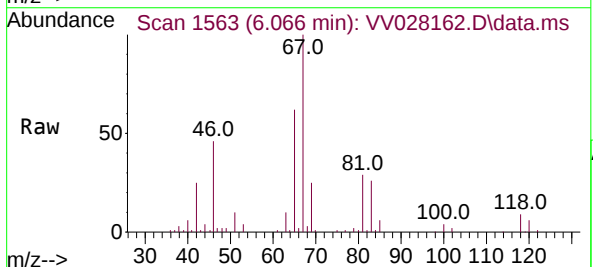
Acq: 28 Sep 2022 16:27

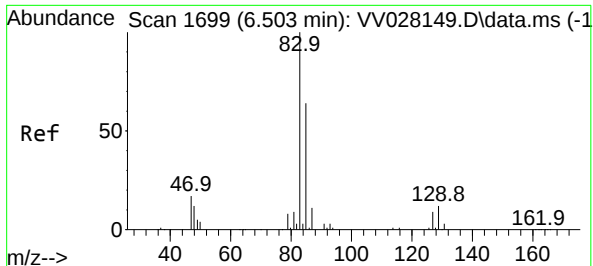
Tgt Ion: 63 Resp: 6153

Ion Ratio Lower Upper

63 100

112 0.3 3.5 5.3#





#38

Bromodichloromethane

Concen: 0.101 ug/L

RT: 6.516 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV028162.D

Acq: 28 Sep 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

F5H25

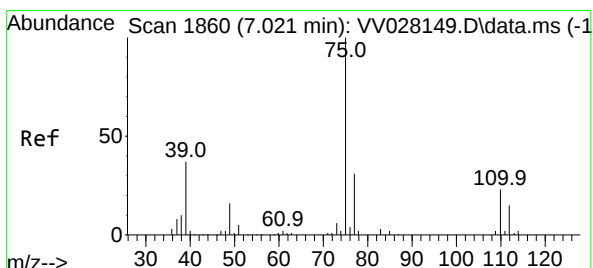
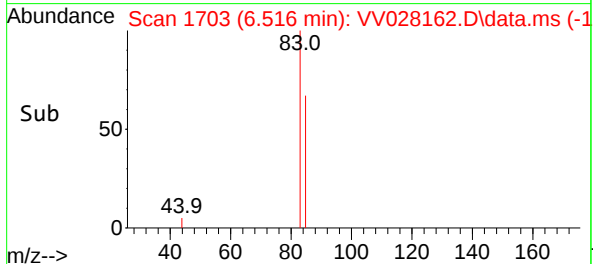
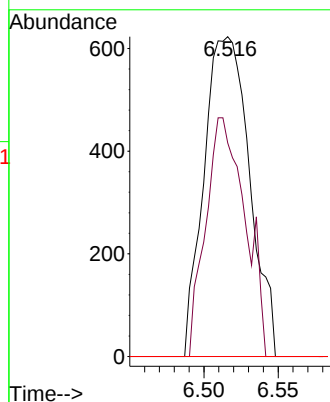
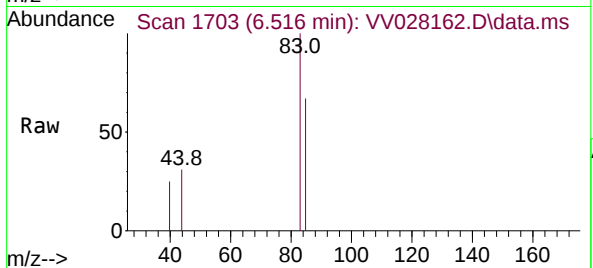
Tgt Ion: 83 Resp: 1330

Ion Ratio Lower Upper

83 100

85 66.8 43.8 81.4

127 0.0 6.3 9.5#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV028162.D

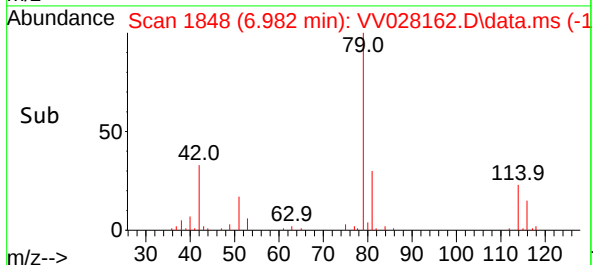
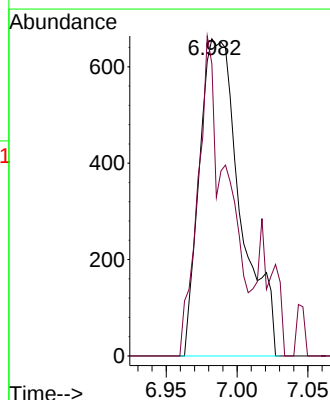
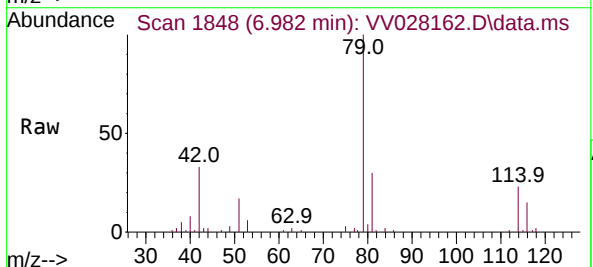
Acq: 28 Sep 2022 16:27

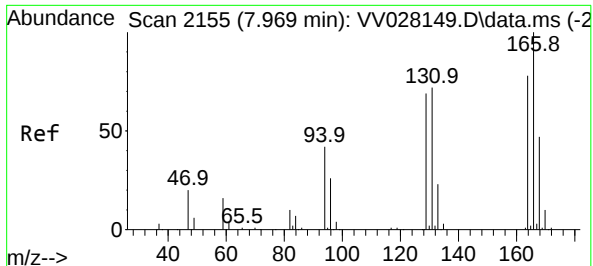
Tgt Ion: 75 Resp: 1326

Ion Ratio Lower Upper

75 100

77 92.1 22.4 41.6#





#47

Tetrachloroethene

Concen: 1.967 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028162.D

Acq: 28 Sep 2022 16:27

Instrument :

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Tgt Ion:164 Resp: 14868

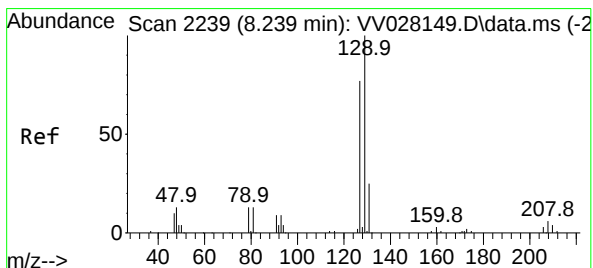
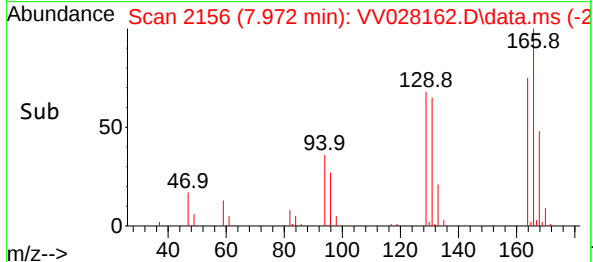
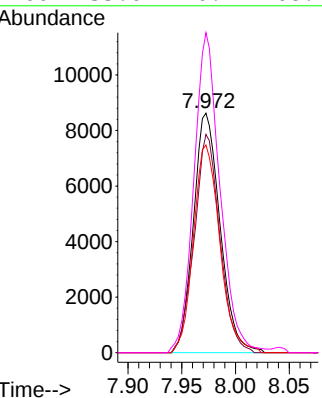
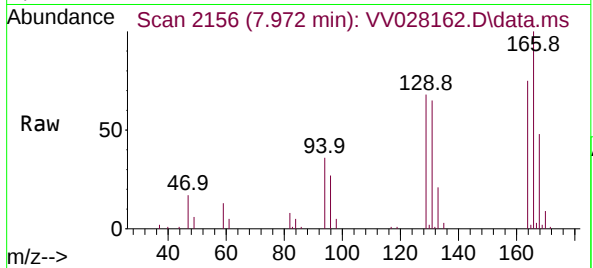
Ion Ratio Lower Upper

164 100

129 91.1 66.7 123.9

131 86.7 61.7 114.5

166 133.6 90.9 168.9



#49

Dibromochloromethane

Concen: 1.498 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV028162.D

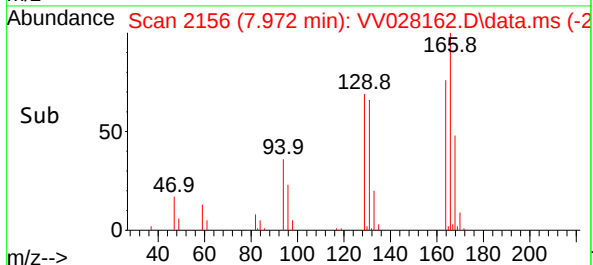
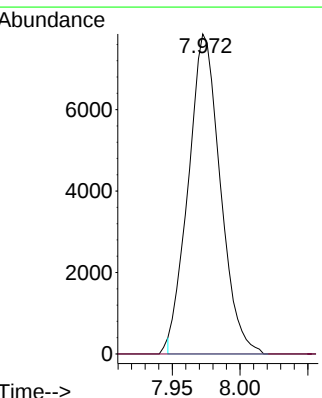
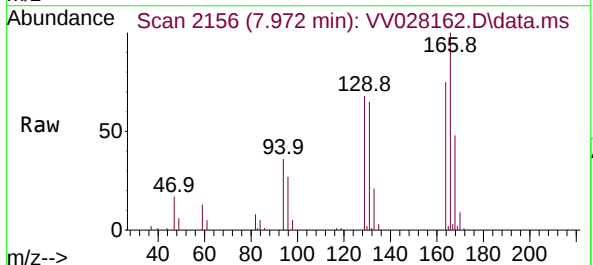
Acq: 28 Sep 2022 16:27

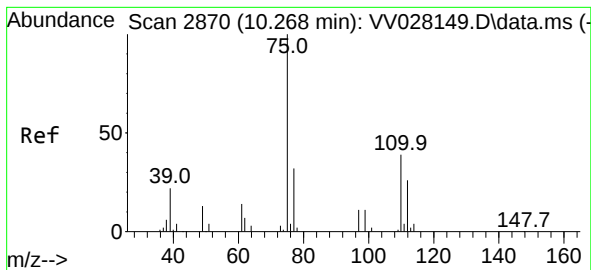
Tgt Ion:129 Resp: 12872

Ion Ratio Lower Upper

129 100

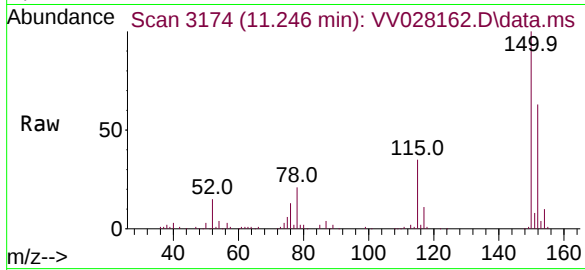
127 0.0 54.3 100.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.135 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028162.D
 Acq: 28 Sep 2022 16:27

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 MSVOA_V
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Tgt Ion: 75 Resp: 6236
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.7 40.1
 110 2.4 30.1 45.1#

