

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028161.D
 Acq On : 28 Sep 2022 16:03
 Operator : SY/MD
 Sample : N4871-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H24

Quant Time: Sep 29 01:29:10 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)

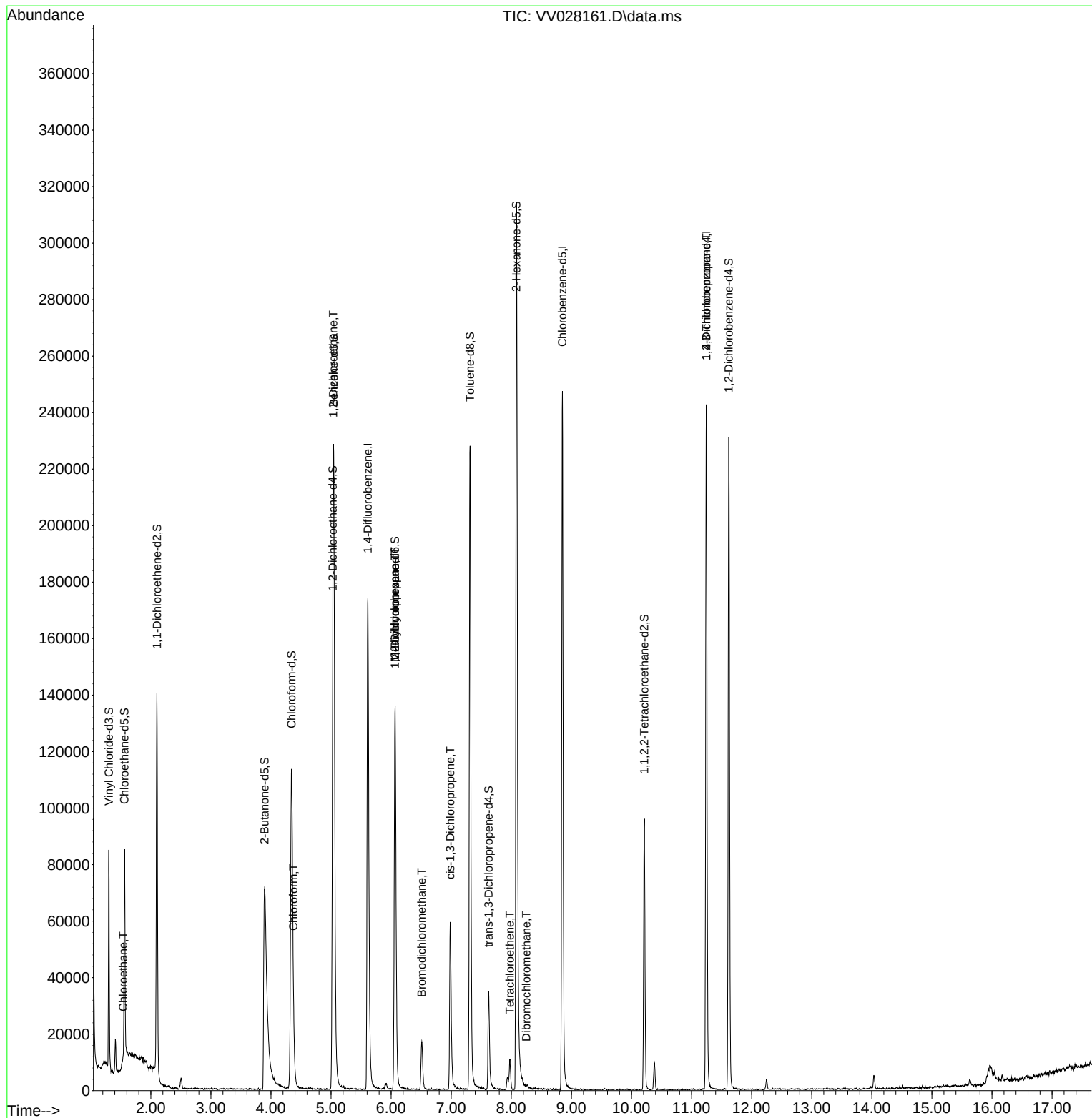
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	159144	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49405	2.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.561	69	47590	3.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.101	63	69947	2.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.800%#
20) 2-Butanone-d5	3.892	46	157353	56.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.980%
24) Chloroform-d	4.339	84	117575	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.027	65	58514	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.043	84	211050	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.063	67	67829	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.313	98	162190	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.622	79	22291	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.085	63	116888	51.780	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45903	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.619	152	66198	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.539	64	10244	1.238	ug/L #	53
25) Chloroform	4.371	83	16190	0.718	ug/L	100
27) 1,2-Dichloroethane	5.037	62	1231	0.102	ug/L #	76
35) Methylcyclohexane	6.066	83	17675	1.273	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7503	0.658	ug/L #	87
38) Bromodichloromethane	6.510	83	12421	0.882	ug/L	97
39) cis-1,3-Dichloropropene	6.982	75	1709	0.121	ug/L	83
47) Tetrachloroethene	7.976	164	2776	0.343	ug/L	84
49) Dibromochloromethane	8.249	129	441	0.048	ug/L	76
61) 1,2,3-Trichloropropane	11.246	75	5894	1.005	ug/L #	66

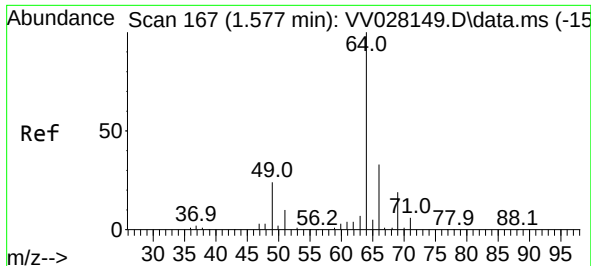
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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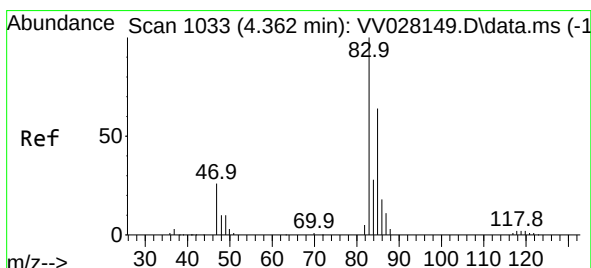
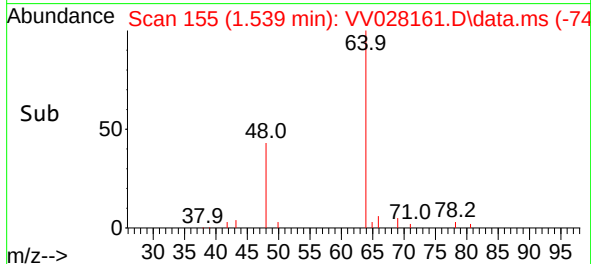
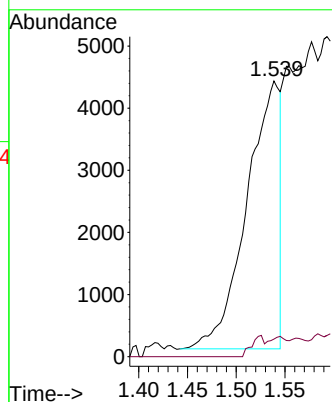
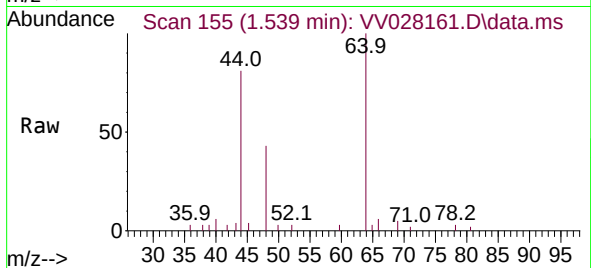




#8
Chloroethane
Concen: 1.238 ug/L
RT: 1.539 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV028161.D
Acq: 28 Sep 2022 16:03

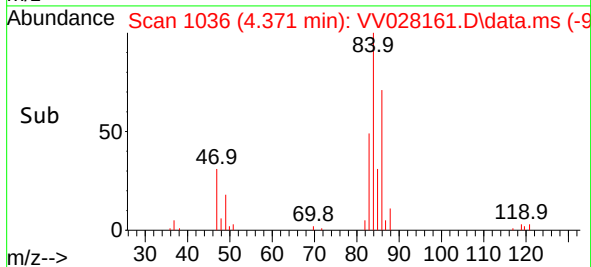
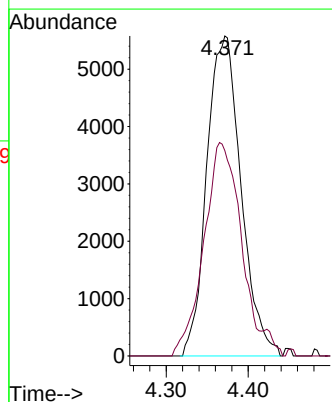
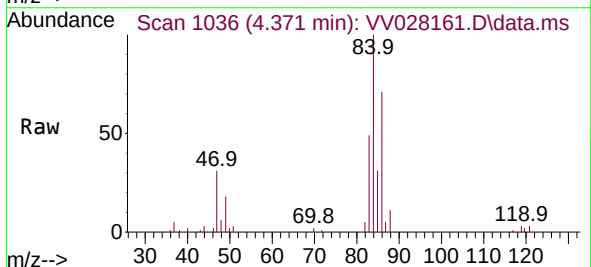
Instrument :
MSVOA_V
ClientSampleId :
F5H24

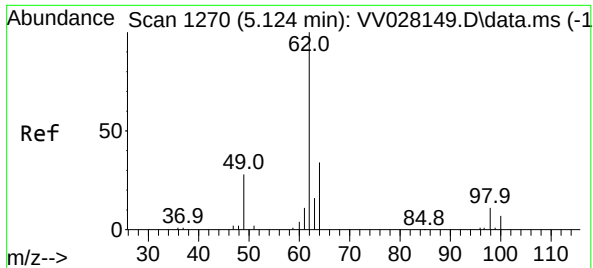
Tgt Ion: 64 Resp: 10244
Ion Ratio Lower Upper
64 100
66 6.4 23.0 42.8#



#25
Chloroform
Concen: 0.718 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV028161.D
Acq: 28 Sep 2022 16:03

Tgt Ion: 83 Resp: 16190
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.037 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV028161.D

Acq: 28 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

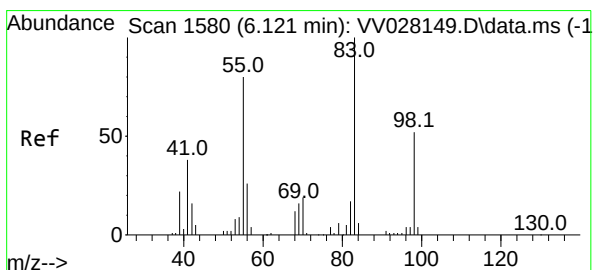
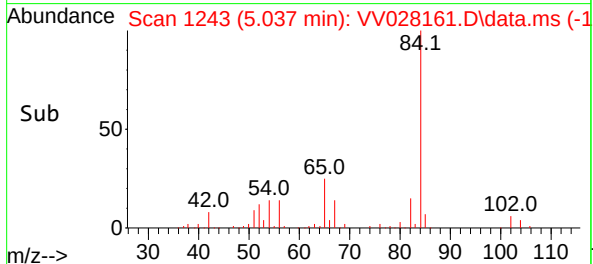
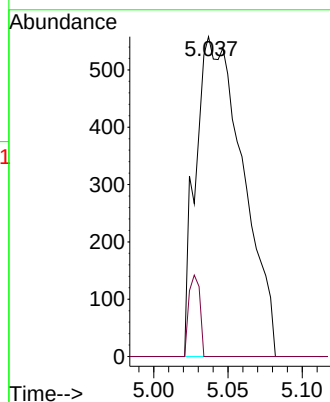
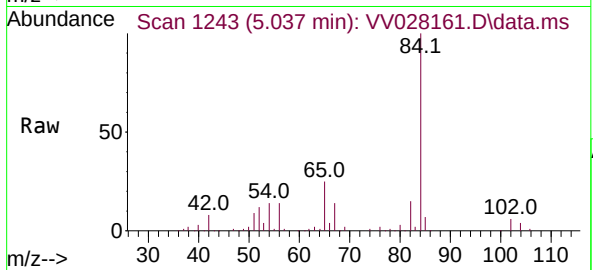
F5H24

Tgt Ion: 62 Resp: 1231

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#



#35

Methylcyclohexane

Concen: 1.273 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028161.D

Acq: 28 Sep 2022 16:03

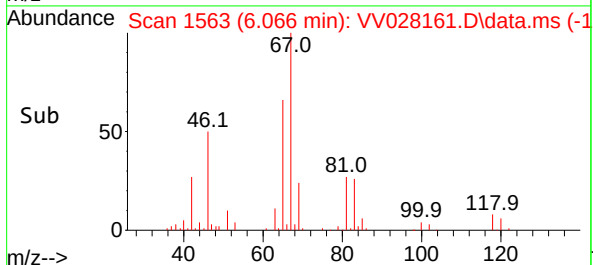
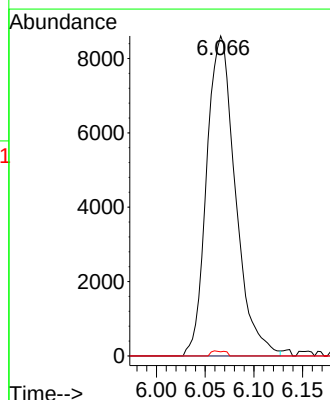
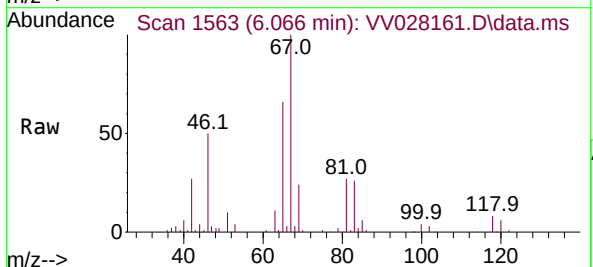
Tgt Ion: 83 Resp: 17675

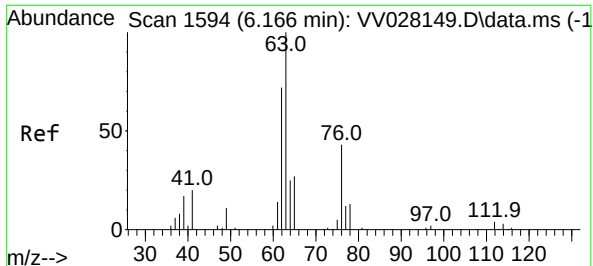
Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.8 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV028161.D

Acq: 28 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

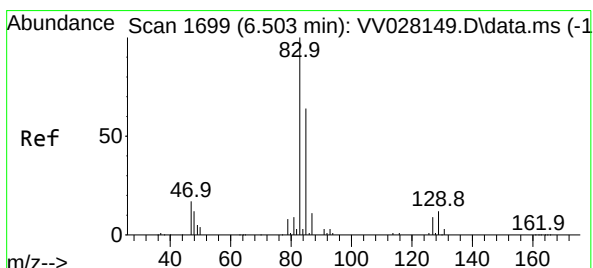
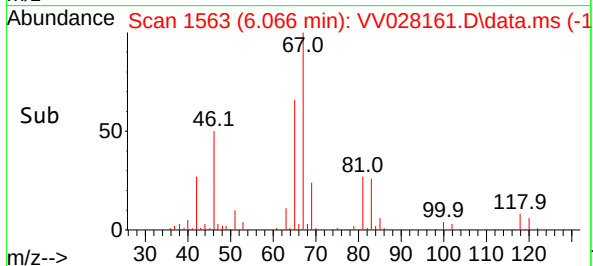
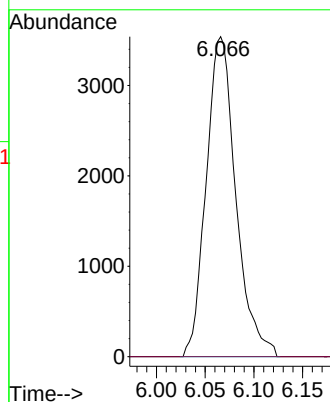
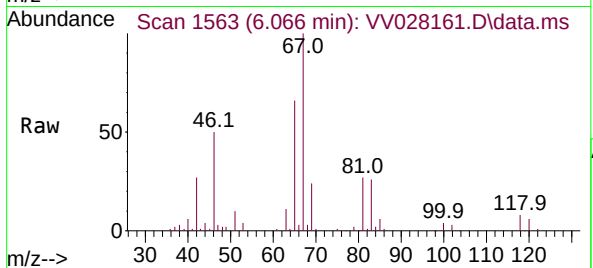
F5H24

Tgt Ion: 63 Resp: 7503

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#38

Bromodichloromethane

Concen: 0.882 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV028161.D

Acq: 28 Sep 2022 16:03

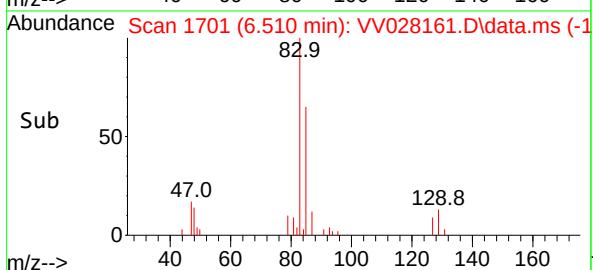
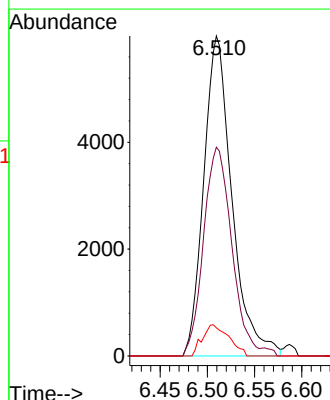
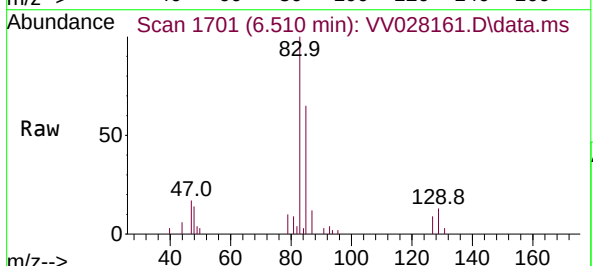
Tgt Ion: 83 Resp: 12421

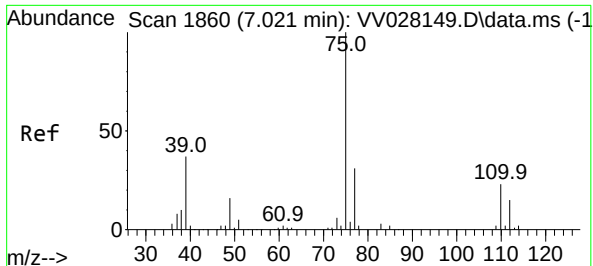
Ion Ratio Lower Upper

83 100

85 65.2 43.8 81.4

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028161.D

Acq: 28 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

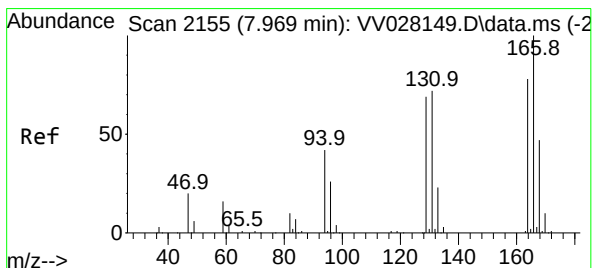
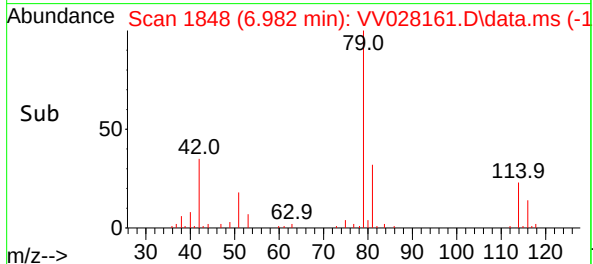
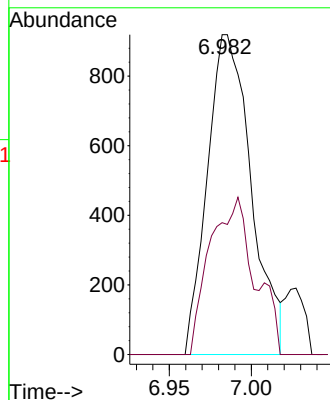
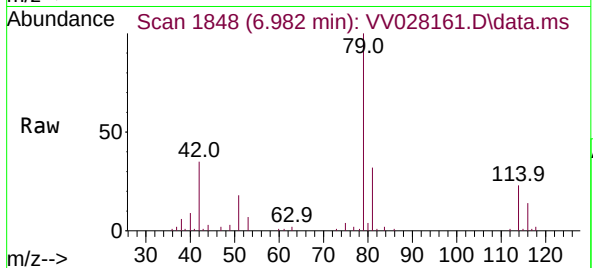
F5H24

Tgt Ion: 75 Resp: 1709

Ion Ratio Lower Upper

75 100

77 41.2 22.4 41.6



#47

Tetrachloroethene

Concen: 0.343 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV028161.D

Acq: 28 Sep 2022 16:03

Tgt Ion: 164 Resp: 2776

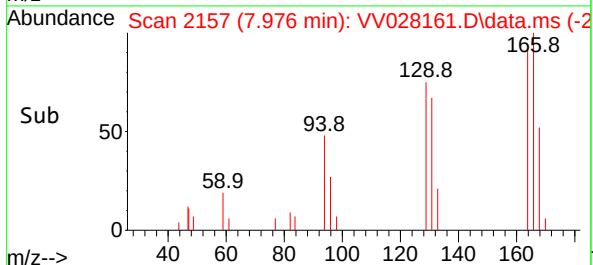
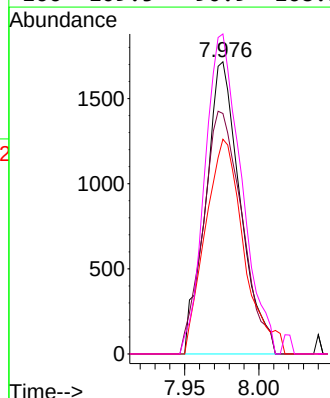
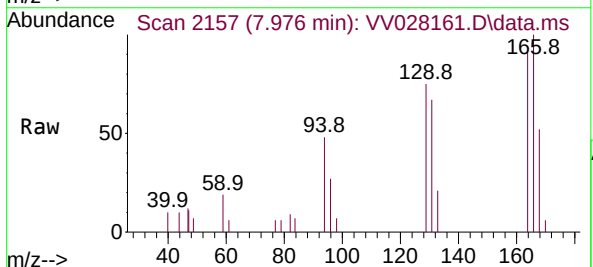
Ion Ratio Lower Upper

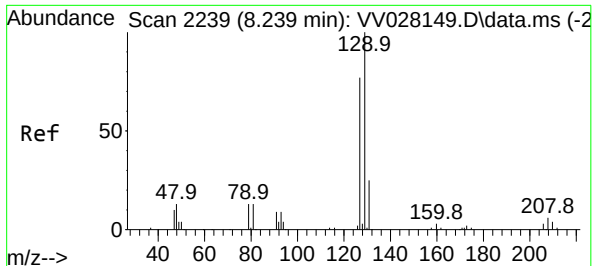
164 100

129 82.3 66.7 123.9

131 73.5 61.7 114.5

166 109.5 90.9 168.9





#49

Dibromochloromethane

Concen: 0.048 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV028161.D

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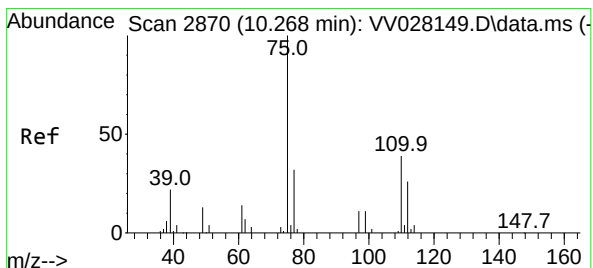
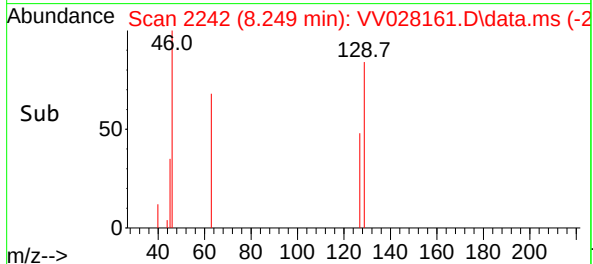
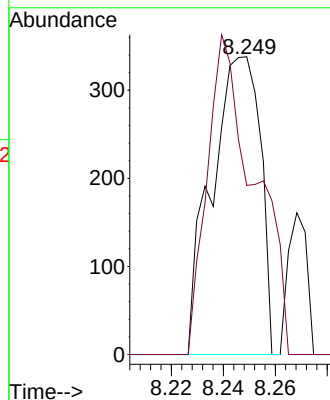
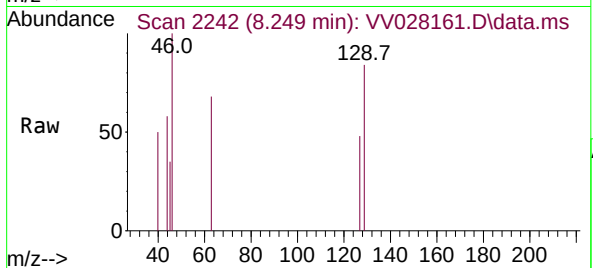
F5H24

Tgt Ion:129 Resp: 441

Ion Ratio Lower Upper

129 100

127 56.8 54.3 100.9



#61

1,2,3-Trichloropropane

Concen: 1.005 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028161.D

Acq: 28 Sep 2022 16:03

Tgt Ion: 75 Resp: 5894

Ion Ratio Lower Upper

75 100

77 36.9 26.7 40.1

110 1.9 30.1 45.1#

