

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025656.D
 Acq On : 20 Apr 2022 19:07
 Operator : SY/MD
 Sample : N2492-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Z6

Quant Time: Apr 21 06:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

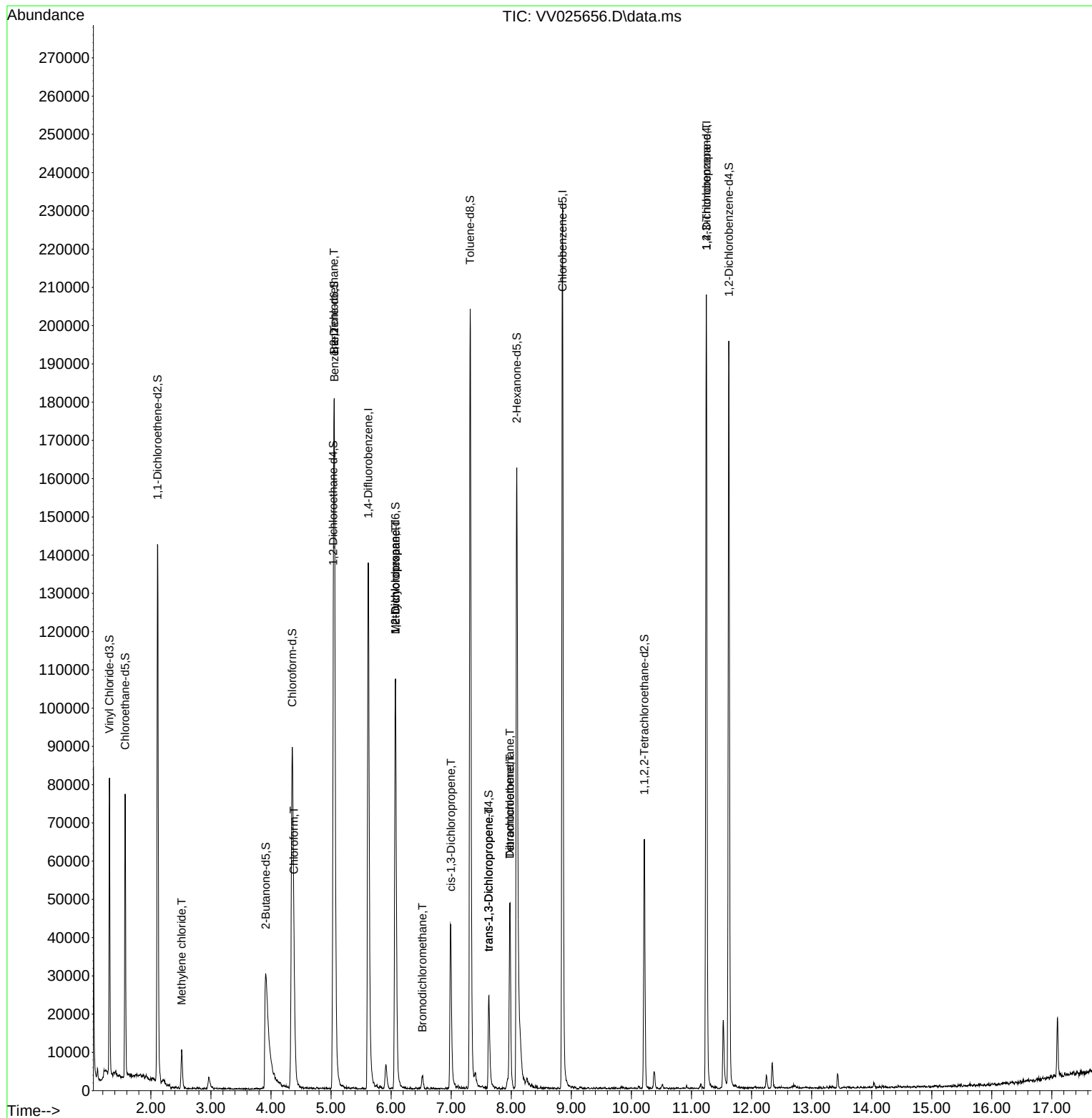
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121502	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	47242	4.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.571	69	47188	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.111	63	76428	3.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.911	46	76045	55.343	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.680%
24) Chloroform-d	4.352	84	88465	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.037	65	42412	5.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	5.053	84	168384	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.072	67	52875	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.316	98	138599	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.625	79	15368	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.091	63	58075	48.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31753	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	48774	5.514	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						Qvalue
16) Methylene chloride	2.513	84	4013	0.393	ug/L	90
25) Chloroform	4.381	83	21448	1.359	ug/L	90
27) 1,2-Dichloroethane	5.050	62	1063	0.128	ug/L #	71
33) Benzene	5.056	78	1604	0.043	ug/L	100
35) Methylcyclohexane	6.072	83	12994	0.828	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5946	0.694	ug/L #	85
38) Bromodichloromethane	6.519	83	2946	0.277	ug/L #	90
39) cis-1,3-Dichloropropene	6.995	75	1212	0.108	ug/L #	38
44) trans-1,3-Dichloropropene	7.625	75	699	0.080	ug/L	89
47) Tetrachloroethene	7.979	164	10692	1.388	ug/L	95
49) Dibromochloromethane	7.979	129	10664	1.692	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7002	2.015	ug/L #	60

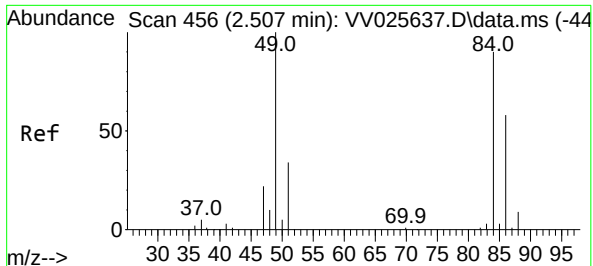
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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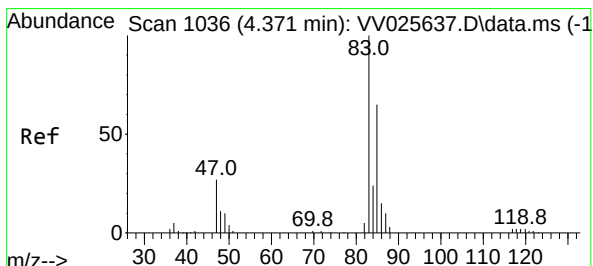
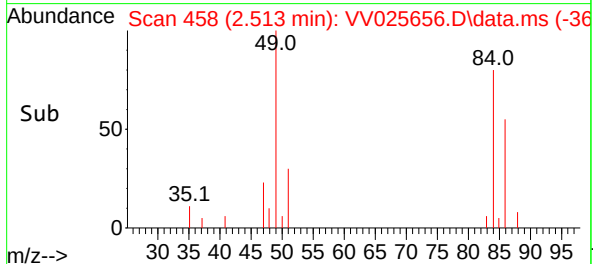
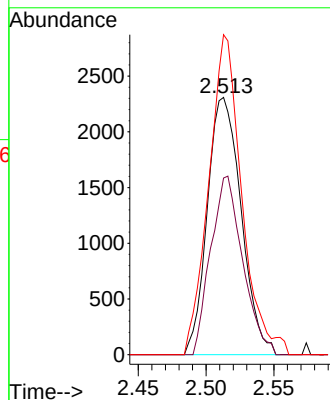
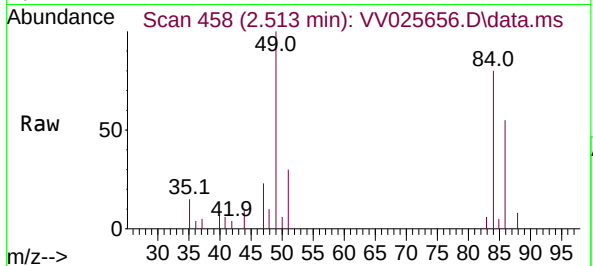




#16
Methylene chloride
Concen: 0.393 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV025656.D
Acq: 20 Apr 2022 19:07

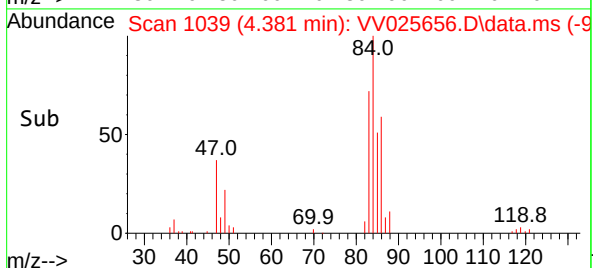
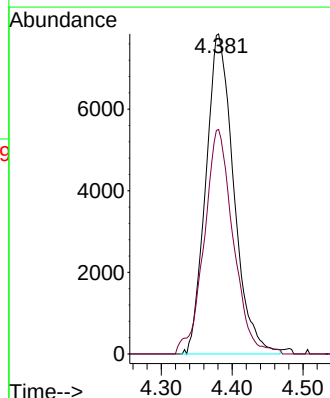
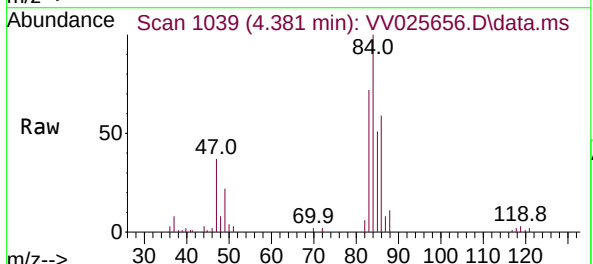
Instrument :
MSVOA_V
ClientSampleId :
EW6Z6

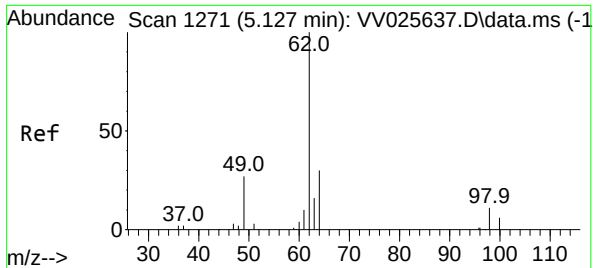
Tgt Ion: 84 Resp: 4013
Ion Ratio Lower Upper
84 100
86 68.6 45.9 85.3
49 124.4 76.6 142.3



#25
Chloroform
Concen: 1.359 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.009 min
Lab File: VV025656.D
Acq: 20 Apr 2022 19:07

Tgt Ion: 83 Resp: 21448
Ion Ratio Lower Upper
83 100
85 70.2 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.128 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025656.D

Acq: 20 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

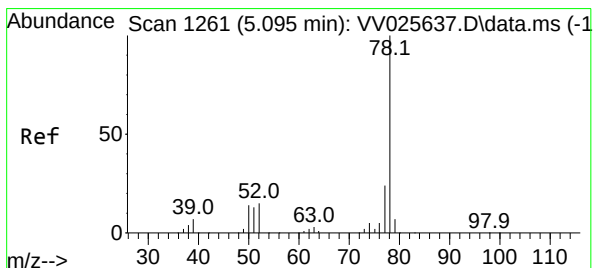
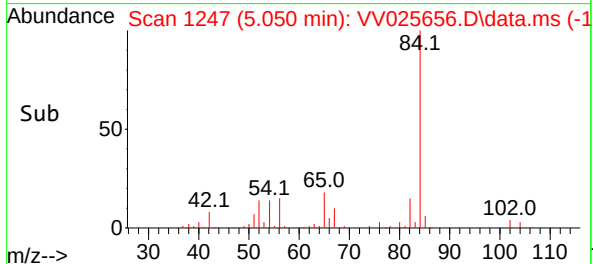
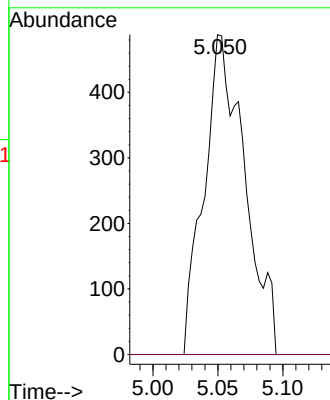
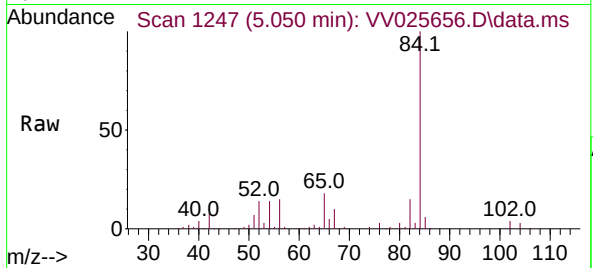
EW6Z6

Tgt Ion: 62 Resp: 1063

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#33

Benzene

Concen: 0.043 ug/L

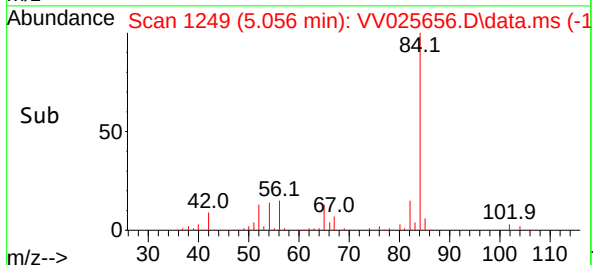
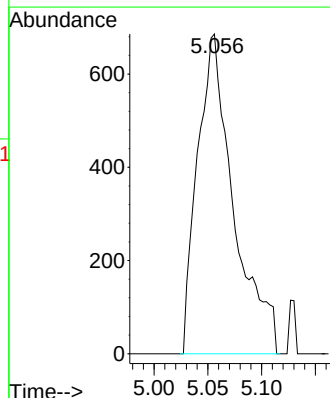
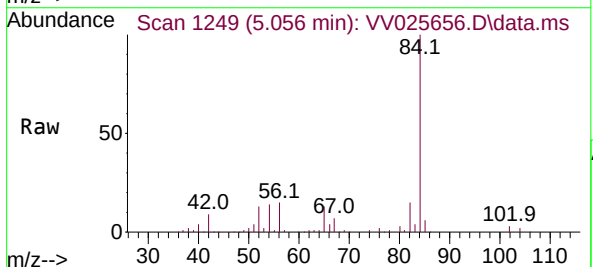
RT: 5.056 min Scan# 1249

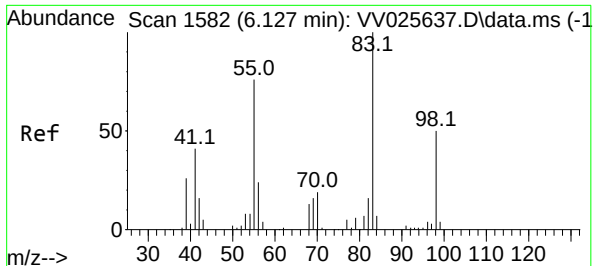
Delta R.T. -0.039 min

Lab File: VV025656.D

Acq: 20 Apr 2022 19:07

Tgt Ion: 78 Resp: 1604





#35

Methylcyclohexane

Concen: 0.828 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025656.D

Acq: 20 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

EW6Z6

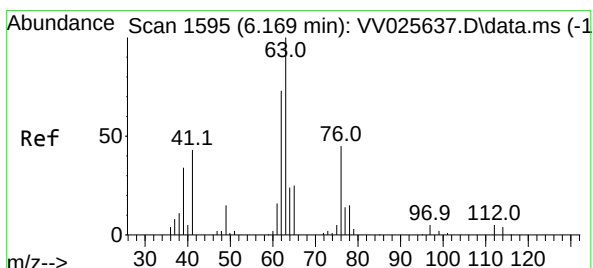
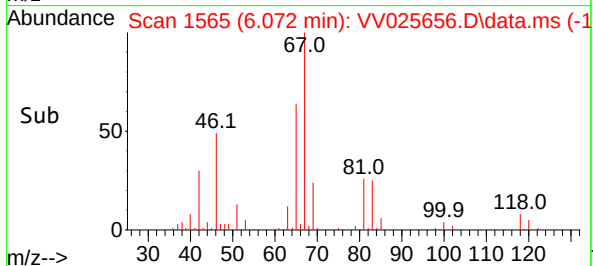
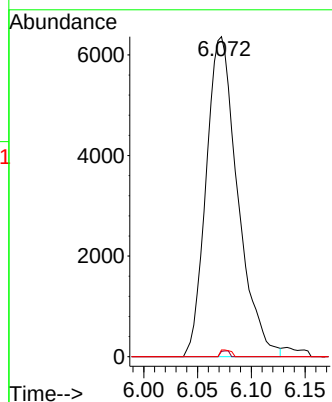
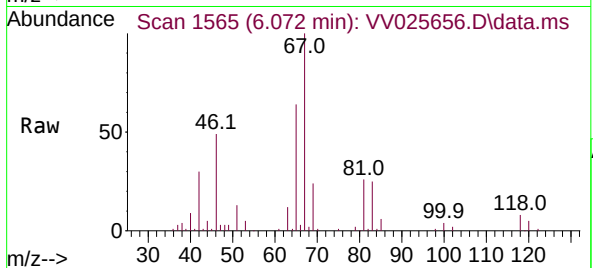
Tgt Ion: 83 Resp: 12994

Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 0.7 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.097 min

Lab File: VV025656.D

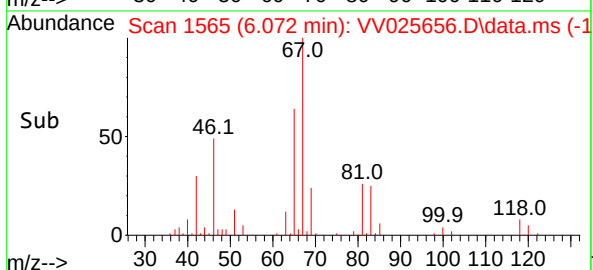
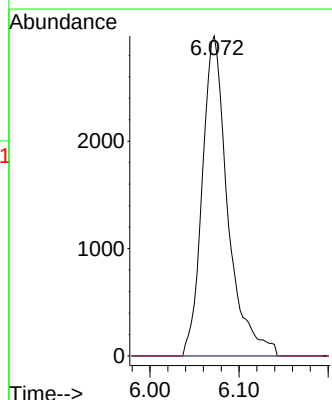
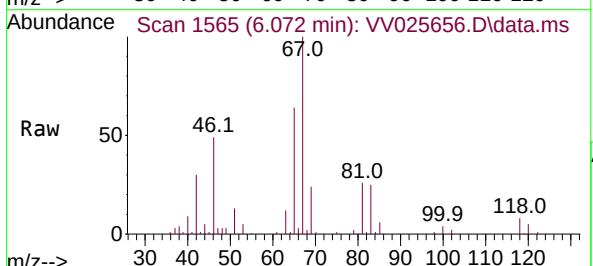
Acq: 20 Apr 2022 19:07

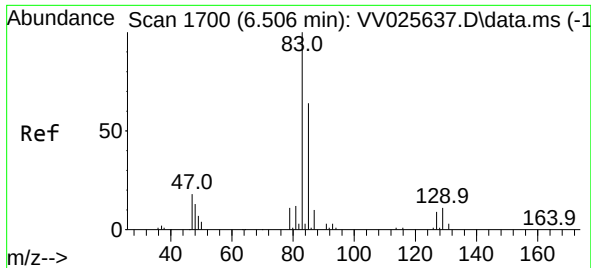
Tgt Ion: 63 Resp: 5946

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

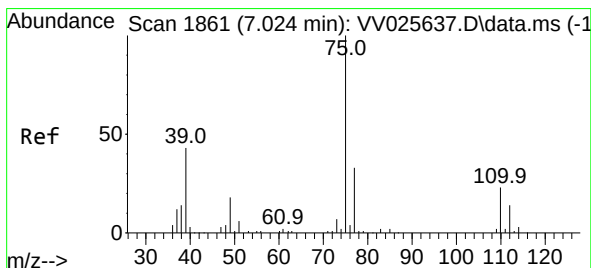
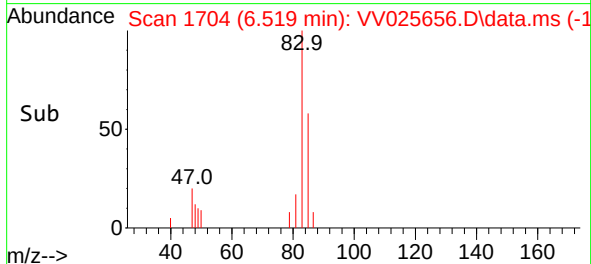
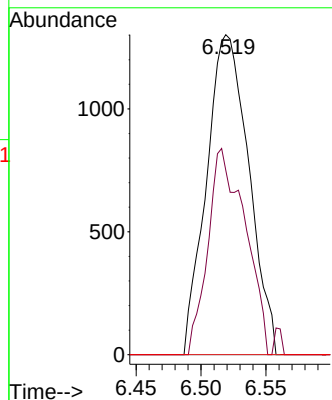
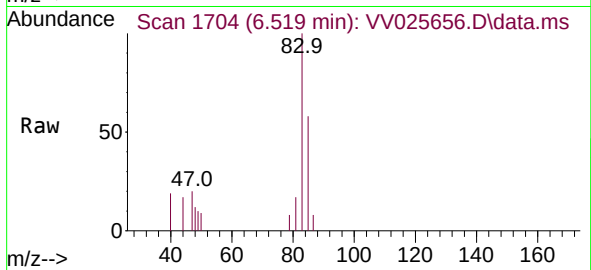




#38
Bromodichloromethane
Concen: 0.277 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025656.D
Acq: 20 Apr 2022 19:07

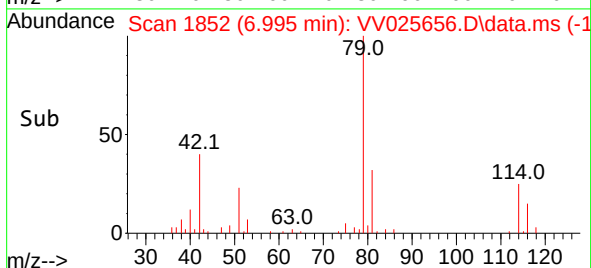
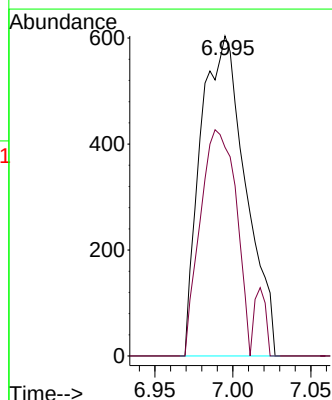
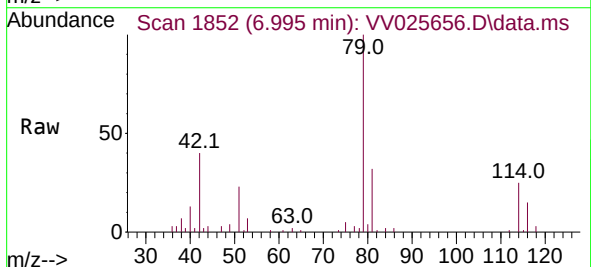
Instrument :
MSVOA_V
ClientSampleId :
EW6Z6

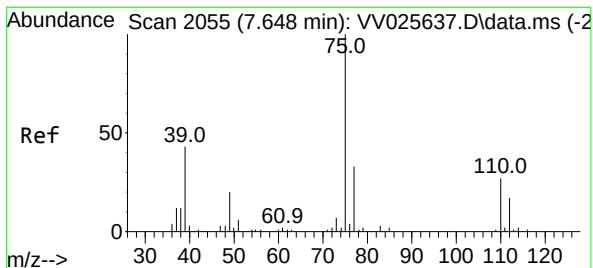
Tgt Ion: 83 Resp: 2946
Ion Ratio Lower Upper
83 100
85 57.6 44.4 82.4
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.029 min
Lab File: VV025656.D
Acq: 20 Apr 2022 19:07

Tgt Ion: 75 Resp: 1212
Ion Ratio Lower Upper
75 100
77 65.2 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.625 min Scan# 2055

Delta R.T. -0.023 min

Lab File: VV025656.D

Acq: 20 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

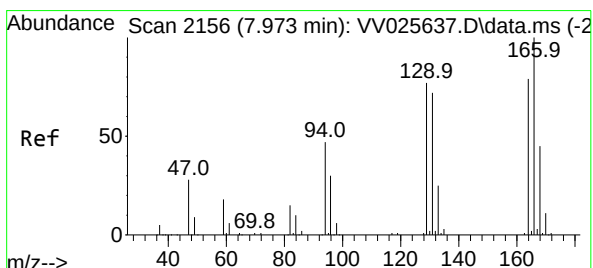
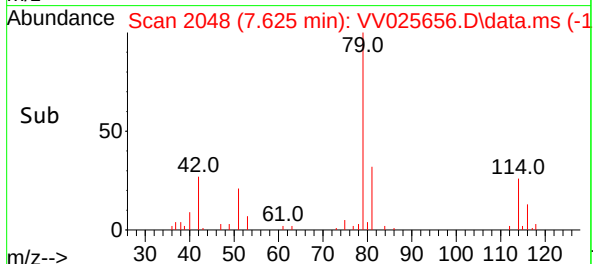
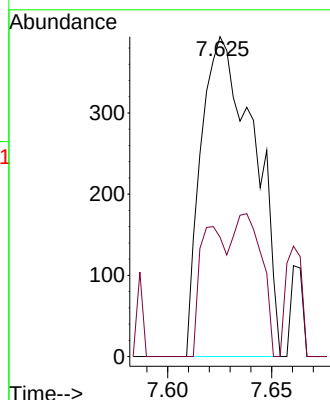
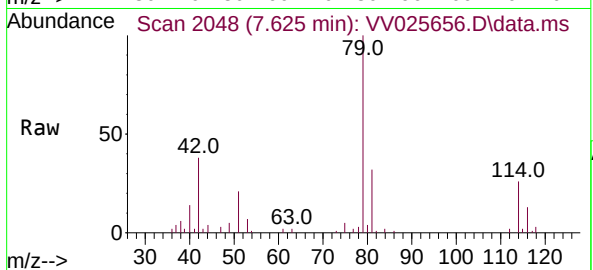
EW6Z6

Tgt Ion: 75 Resp: 699

Ion Ratio Lower Upper

75 100

77 37.3 21.7 40.3



#47

Tetrachloroethene

Concen: 1.388 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025656.D

Acq: 20 Apr 2022 19:07

Tgt Ion: 164 Resp: 10692

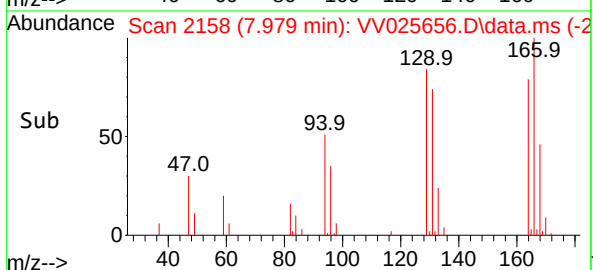
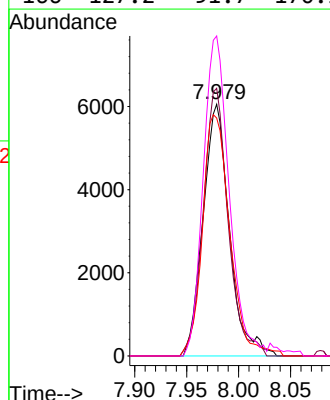
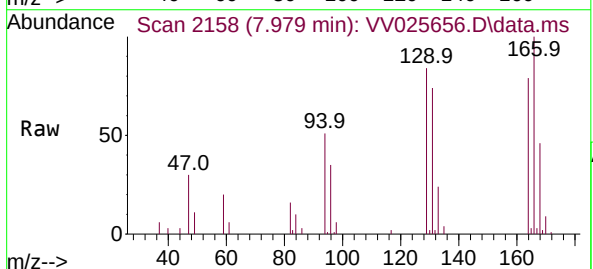
Ion Ratio Lower Upper

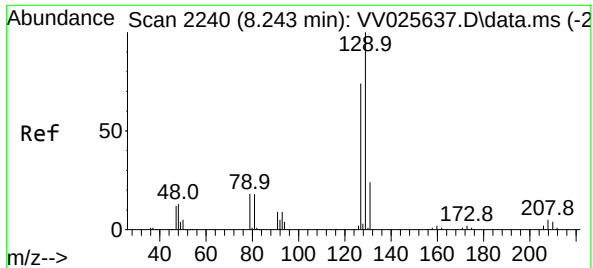
164 100

129 106.4 66.8 124.2

131 94.6 66.4 123.4

166 127.2 91.7 170.3

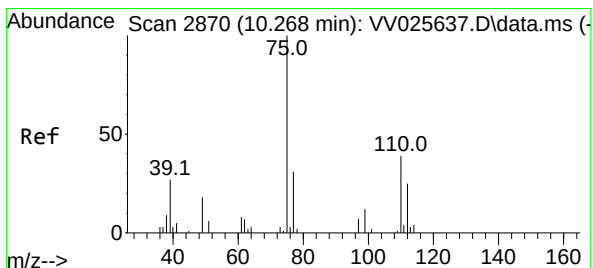
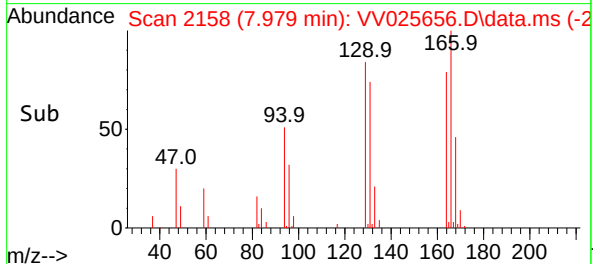
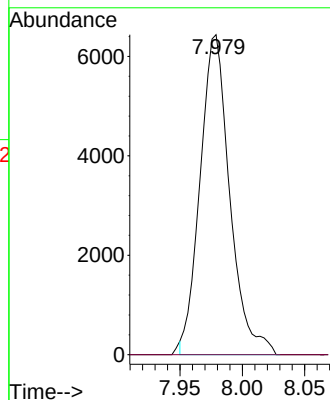
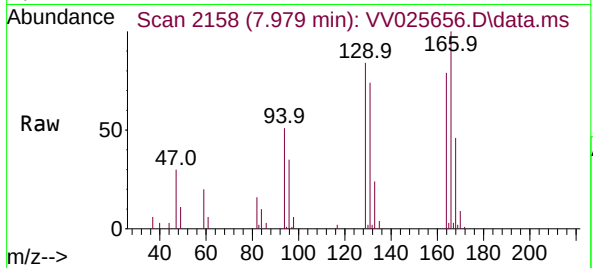




#49
Dibromochloromethane
Concen: 1.692 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.264 min
Lab File: VV025656.D
Acq: 20 Apr 2022 19:07

Instrument :
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Tgt Ion:129 Resp: 10664
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



#61
1,2,3-Trichloropropane
Concen: 2.015 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.980 min
Lab File: VV025656.D
Acq: 20 Apr 2022 19:07

Tgt Ion: 75 Resp: 7002
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4
110 1.5 34.7 52.1#

