

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025666.D
 Acq On : 21 Apr 2022 15:00
 Operator : SY/MD
 Sample : N2492-14RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Z6

Quant Time: Apr 22 03:08:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

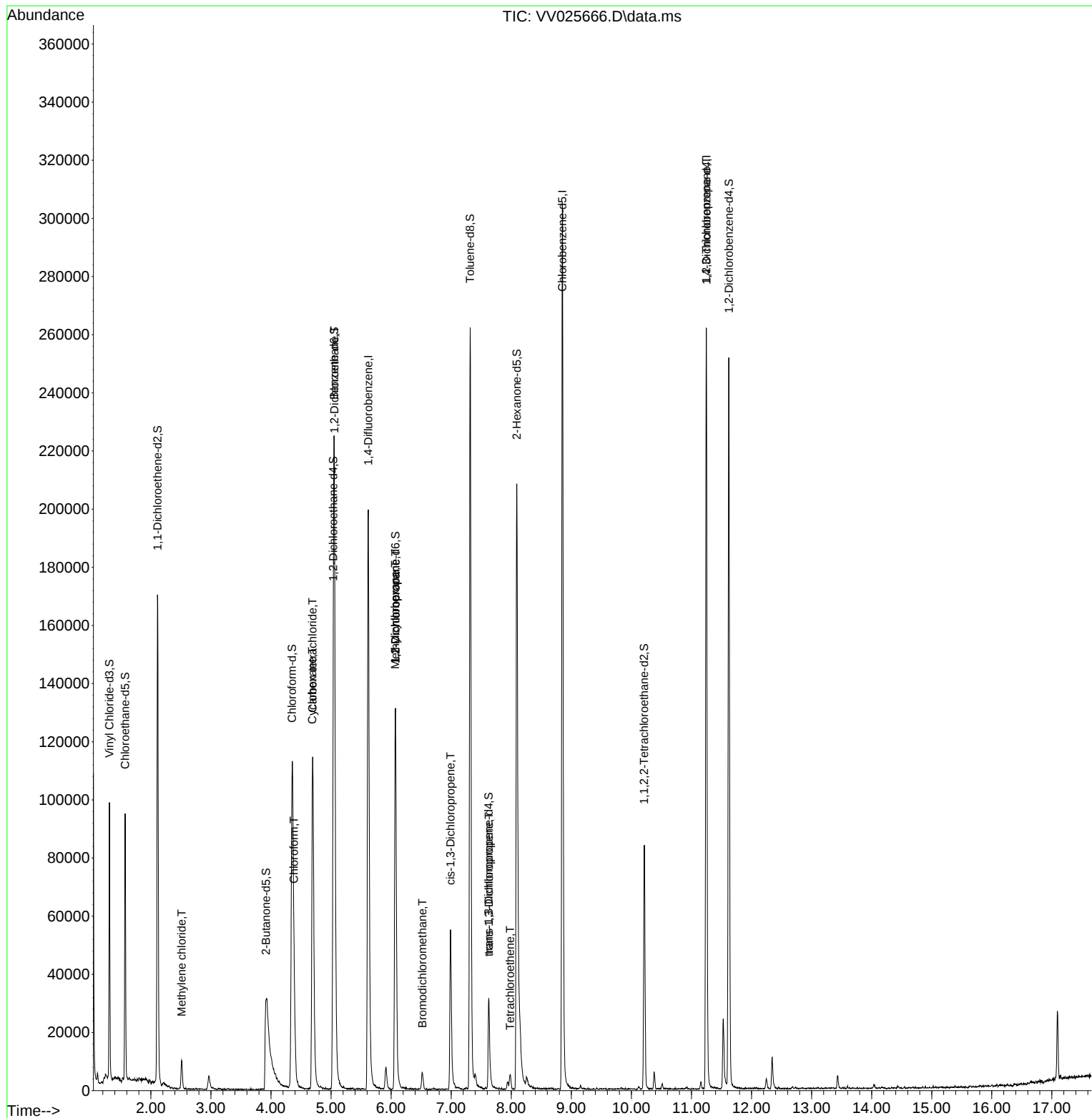
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	178225	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	56019	3.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.571	69	56826	3.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.400%#
11) 1,1-Dichloroethene-d2	2.111	63	90308	2.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.400%#
20) 2-Butanone-d5	3.915	46	24377	12.095	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	24.180%#
24) Chloroform-d	4.352	84	111180	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.037	65	50067	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.053	84	206758	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.072	67	64037	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	169368	3.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.625	79	18703	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.092	63	75140	47.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40033	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	62524	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.513	84	4185	0.279	ug/L	93
25) Chloroform	4.381	83	31249	1.349	ug/L	98
27) 1,2-Dichloroethane	5.056	62	1390	0.114	ug/L #	71
30) Cyclohexane	4.690	56	2095	0.117	ug/L #	2
31) Carbon tetrachloride	4.693	117	8884	0.532	ug/L #	4
35) Methylcyclohexane	6.069	83	15361	0.733	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7383	0.645	ug/L #	87
38) Bromodichloromethane	6.519	83	4520	0.318	ug/L	92
39) cis-1,3-Dichloropropene	6.989	75	1441	0.096	ug/L #	79
44) trans-1,3-Dichloropropene	7.629	75	999	0.086	ug/L #	81
47) Tetrachloroethene	7.982	164	1261	0.123	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	8745	1.991	ug/L #	62

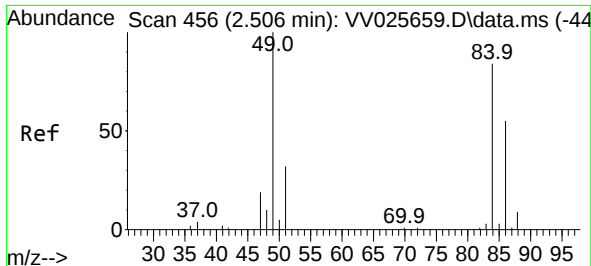
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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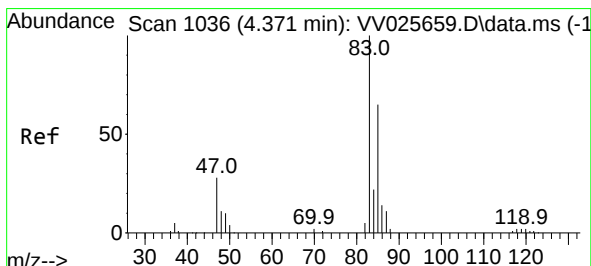
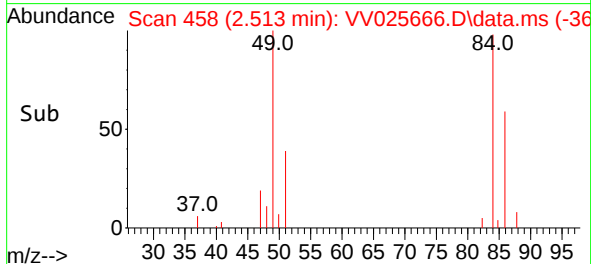
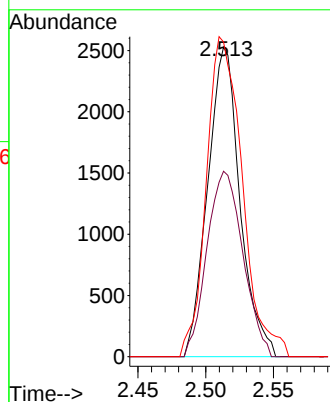
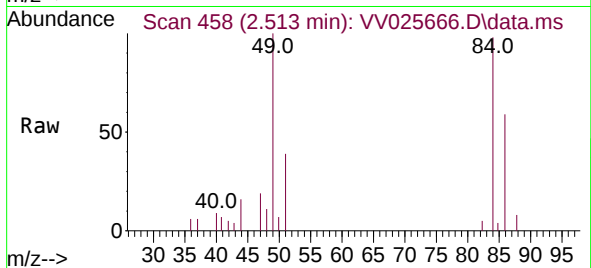




#16
Methylene chloride
Concen: 0.279 ug/L
RT: 2.513 min Scan# 4185
Delta R.T. 0.007 min
Lab File: VV025666.D
Acq: 21 Apr 2022 15:00

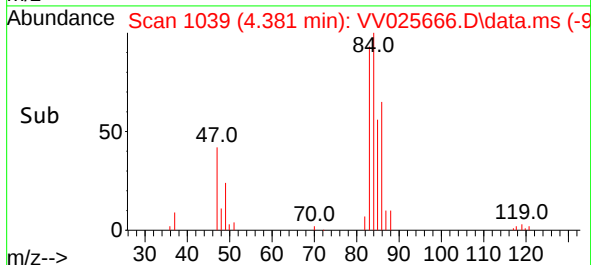
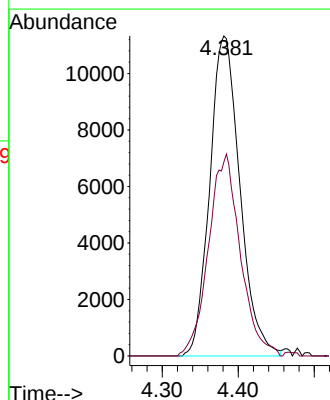
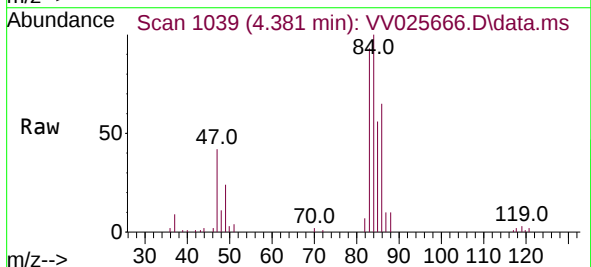
Instrument :
MSVOA_V
ClientSampleId :
EW6Z6

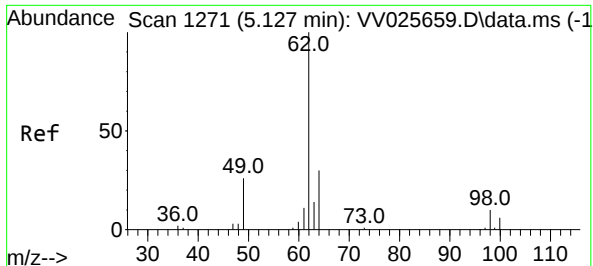
Tgt Ion: 84 Resp: 4185
Ion Ratio Lower Upper
84 100
86 59.9 45.9 85.3
49 101.7 76.6 142.3



#25
Chloroform
Concen: 1.349 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV025666.D
Acq: 21 Apr 2022 15:00

Tgt Ion: 83 Resp: 31249
Ion Ratio Lower Upper
83 100
85 60.6 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.056 min Scan# 1135

Delta R.T. -0.071 min

Lab File: VV025666.D

Acq: 21 Apr 2022 15:00

Instrument :

MSVOA_V

ClientSampleId :

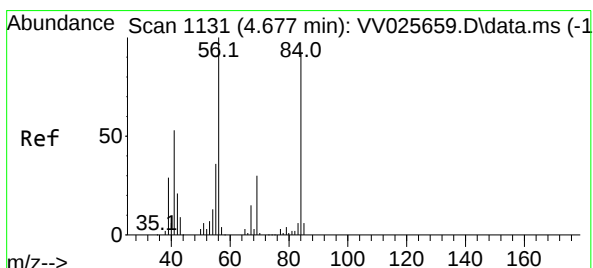
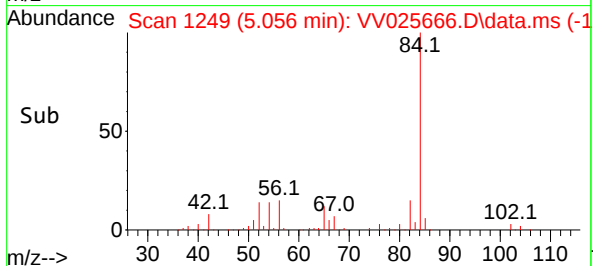
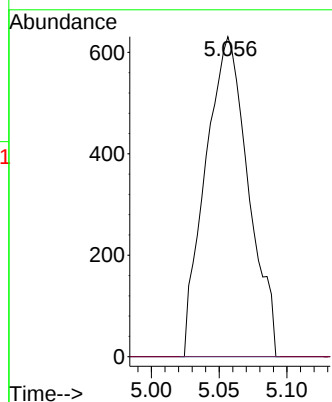
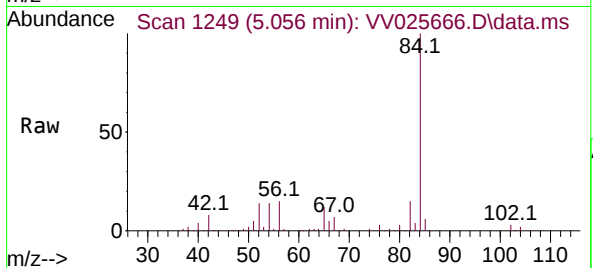
EW6Z6

Tgt Ion: 62 Resp: 1390

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#30

Cyclohexane

Concen: 0.117 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.013 min

Lab File: VV025666.D

Acq: 21 Apr 2022 15:00

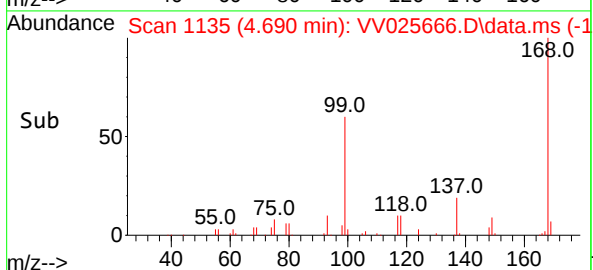
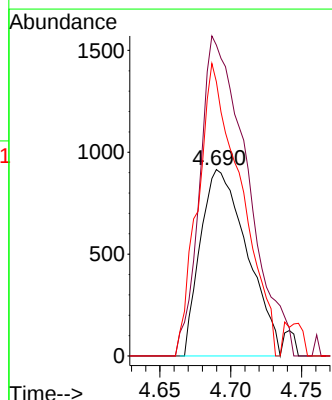
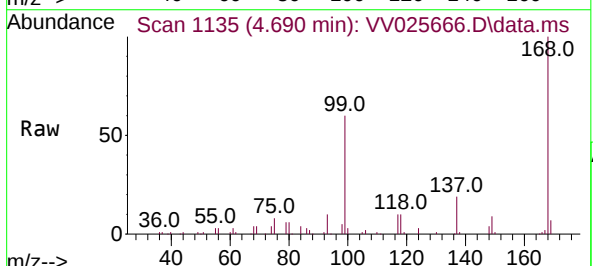
Tgt Ion: 56 Resp: 2095

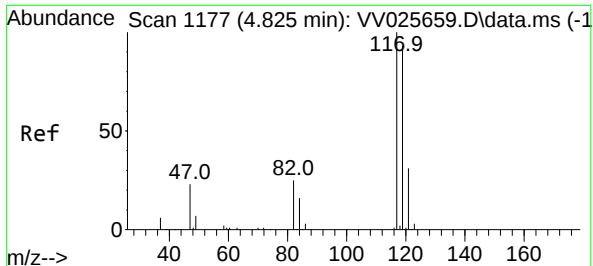
Ion Ratio Lower Upper

56 100

69 174.4 26.1 39.1#

84 144.6 78.6 118.0#

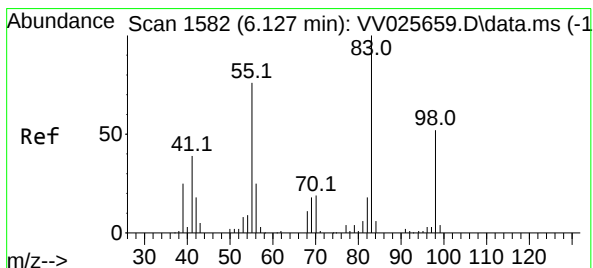
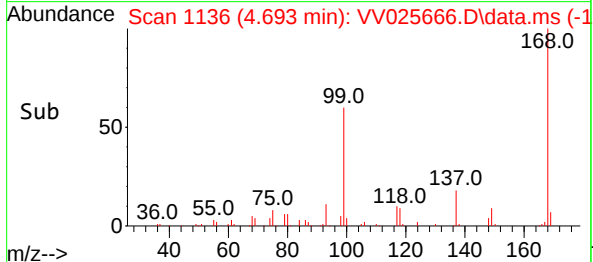
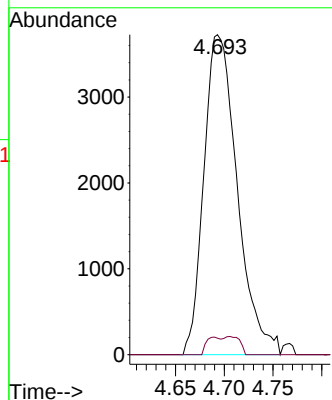
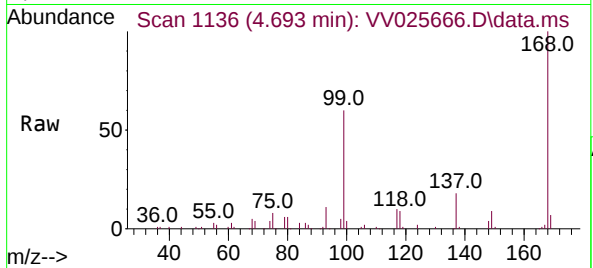




#31
Carbon tetrachloride
Concen: 0.532 ug/L
RT: 4.693 min Scan# 1177
Delta R.T. -0.132 min
Lab File: VV025666.D
Acq: 21 Apr 2022 15:00

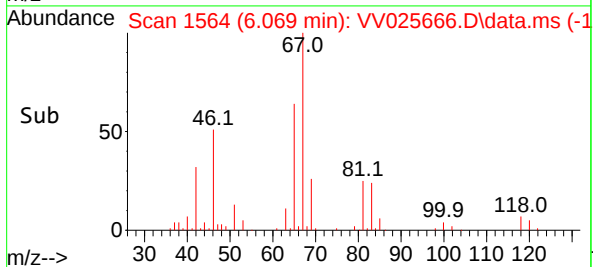
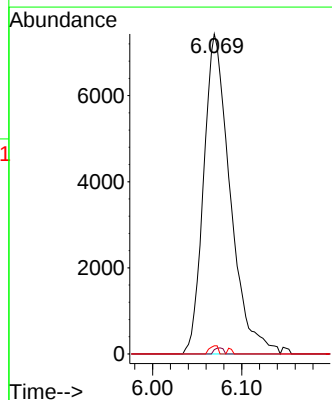
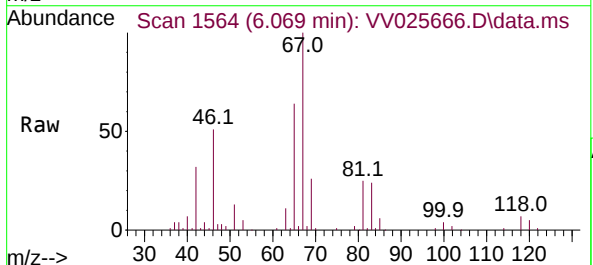
Instrument :
MSVOA_V
ClientSampleId :
EW6Z6

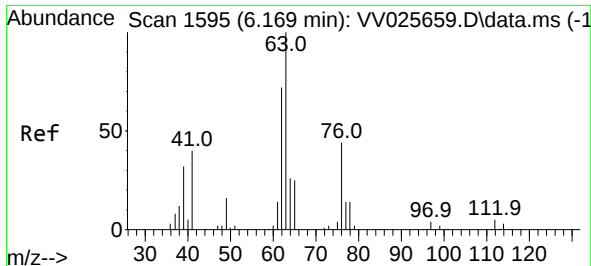
Tgt Ion:117 Resp: 8884
Ion Ratio Lower Upper
117 100
119 2.3 76.6 114.8#



#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025666.D
Acq: 21 Apr 2022 15:00

Tgt Ion: 83 Resp: 15361
Ion Ratio Lower Upper
83 100
55 0.6 53.7 80.5#
98 0.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV025666.D

Acq: 21 Apr 2022 15:00

Instrument :

MSVOA_V

ClientSampleId :

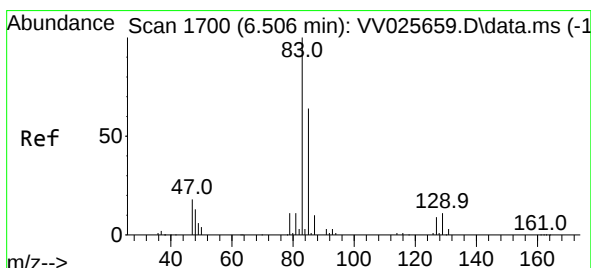
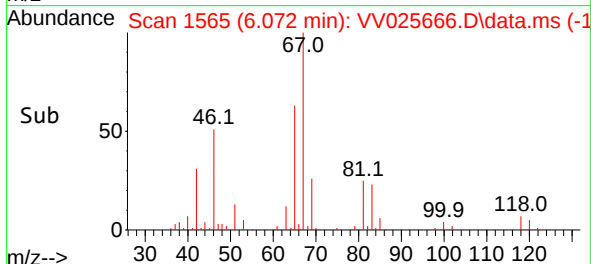
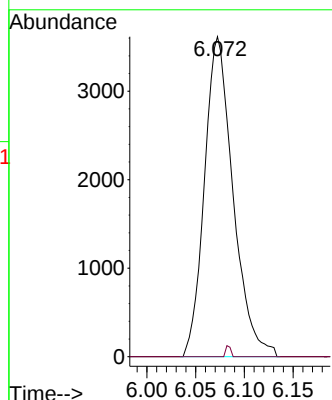
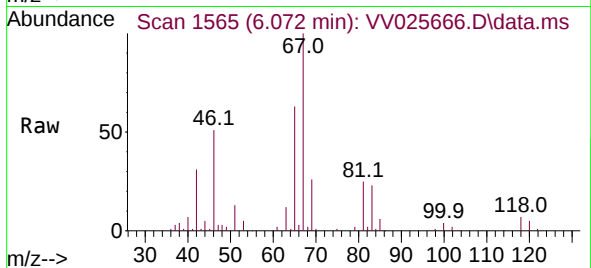
EW6Z6

Tgt Ion: 63 Resp: 7383

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#38

Bromodichloromethane

Concen: 0.318 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.013 min

Lab File: VV025666.D

Acq: 21 Apr 2022 15:00

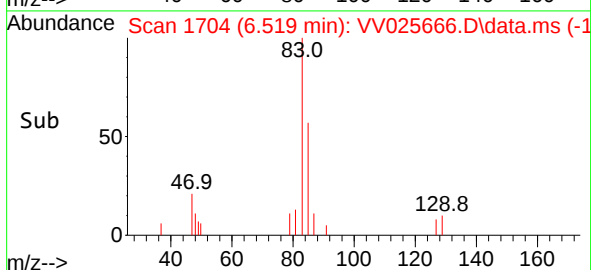
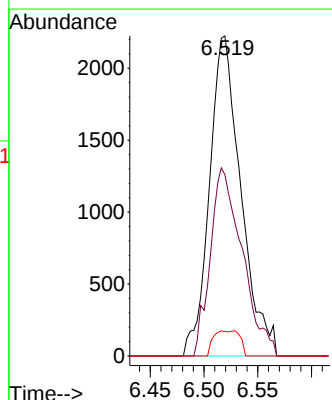
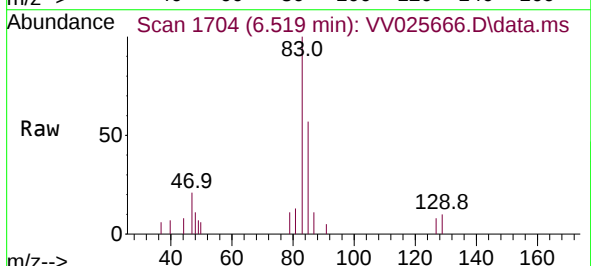
Tgt Ion: 83 Resp: 4520

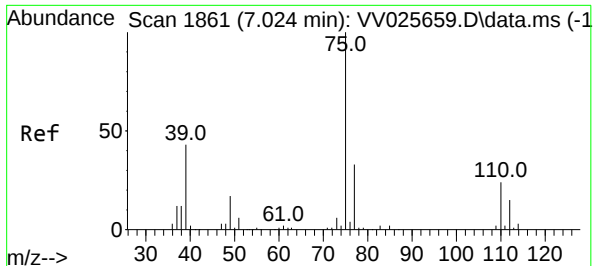
Ion Ratio Lower Upper

83 100

85 56.7 44.4 82.4

127 7.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025666.D

Acq: 21 Apr 2022 15:00

Instrument :

MSVOA_V

ClientSampleId :

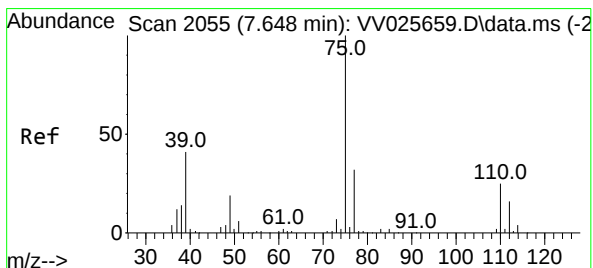
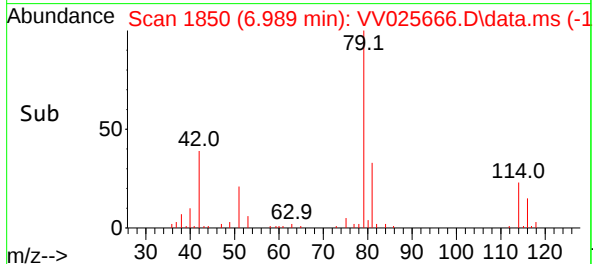
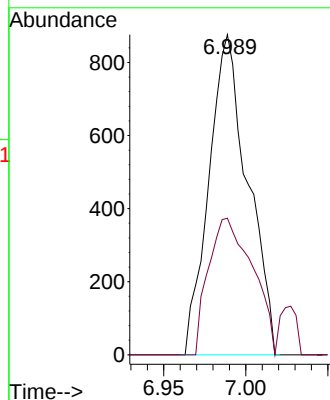
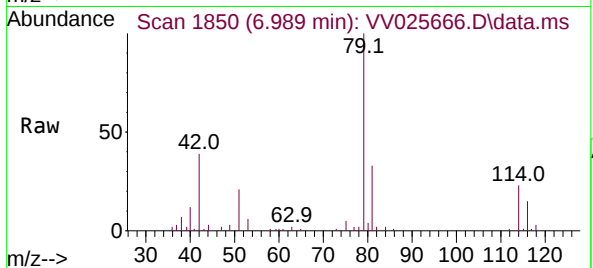
EW6Z6

Tgt Ion: 75 Resp: 1441

Ion Ratio Lower Upper

75 100

77 42.7 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025666.D

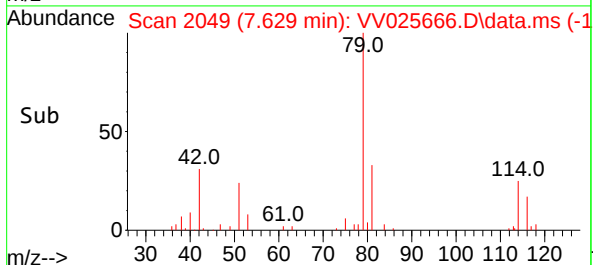
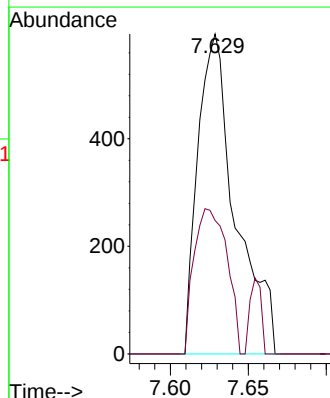
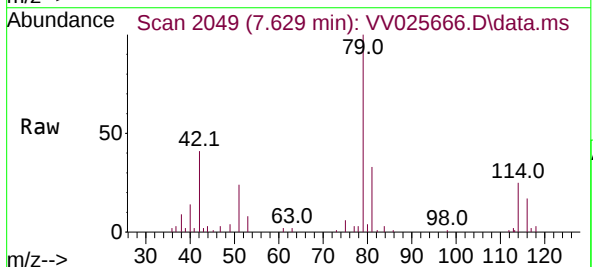
Acq: 21 Apr 2022 15:00

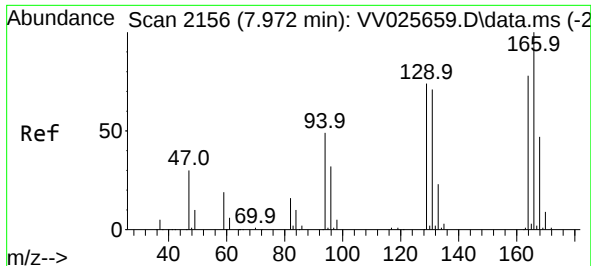
Tgt Ion: 75 Resp: 999

Ion Ratio Lower Upper

75 100

77 41.7 21.7 40.3#





#47

Tetrachloroethene

Concen: 0.123 ug/L

RT: 7.982 min Scan# 2156

Delta R.T. 0.010 min

Lab File: VV025666.D

Acq: 21 Apr 2022 15:00

Instrument :

MSVOA_V

ClientSampleId :

EW6Z6

Tgt Ion:164 Resp: 1261

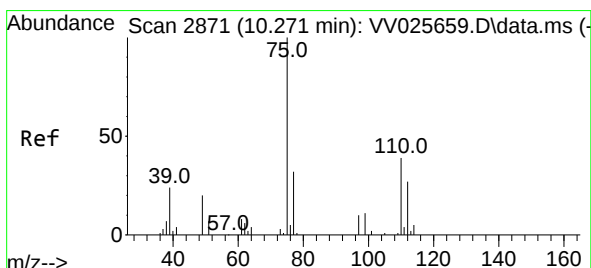
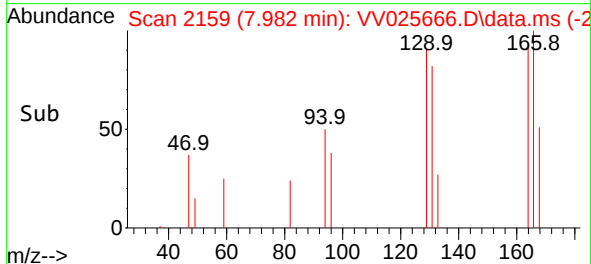
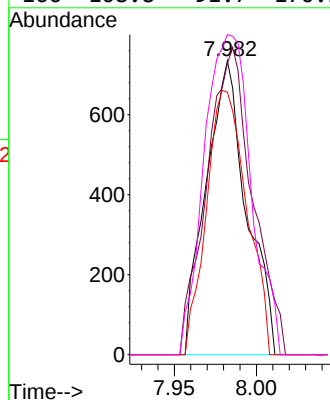
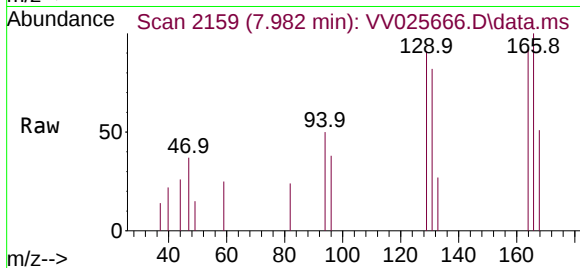
Ion Ratio Lower Upper

164 100

129 99.0 66.8 124.2

131 89.3 66.4 123.4

166 108.8 91.7 170.3



#61

1,2,3-Trichloropropane

Concen: 1.991 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025666.D

Acq: 21 Apr 2022 15:00

Tgt Ion: 75 Resp: 8745

Ion Ratio Lower Upper

75 100

77 34.2 25.6 38.4

110 2.8 34.7 52.1#

