

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024750.D
 Acq On : 18 Feb 2022 13:55
 Operator : SY/MD
 Sample : N1510-20DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M34DL

Quant Time: Feb 19 00:44:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

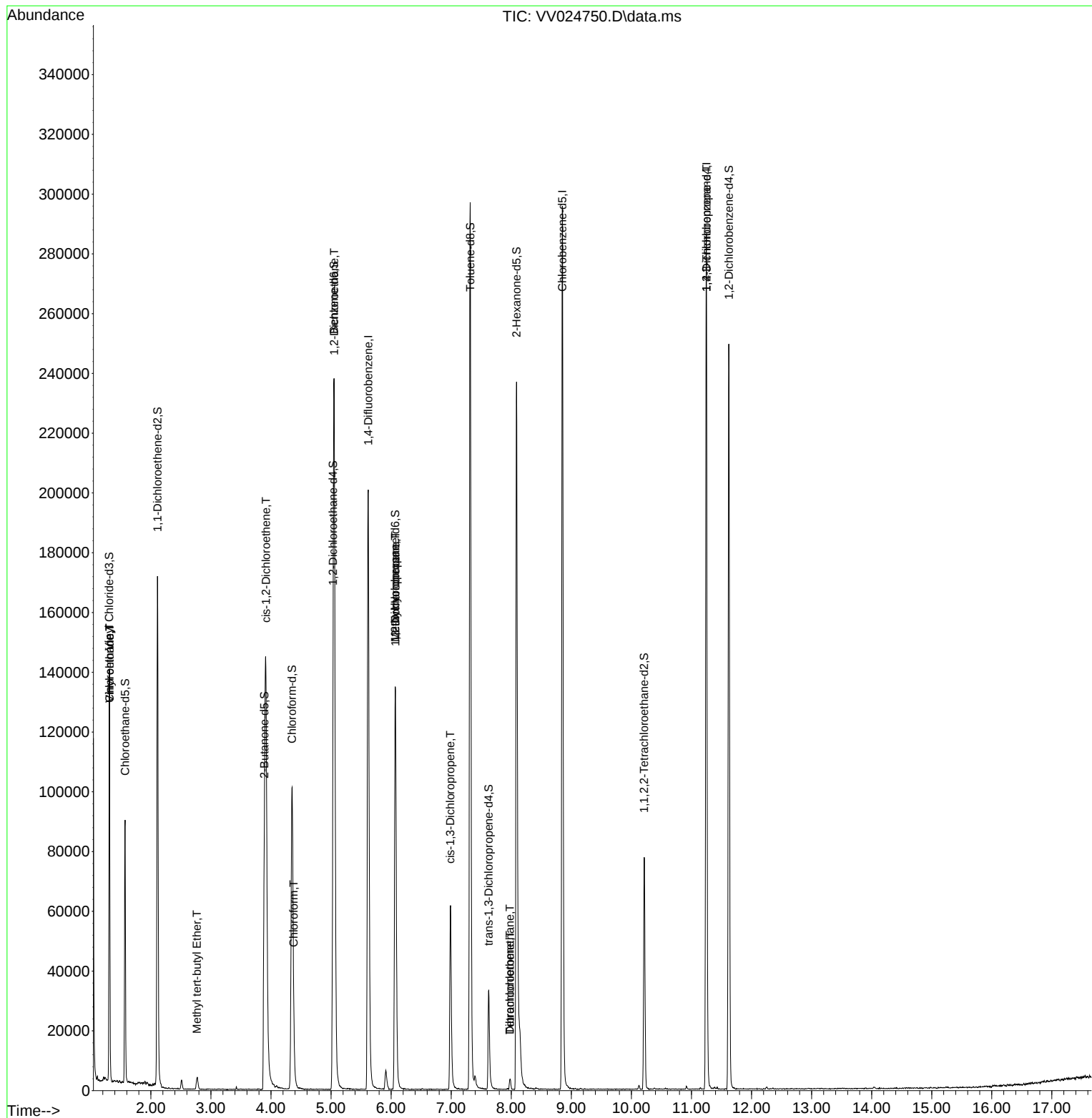
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	174883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64829	4.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.571	69	55713	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.111	63	89202	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.889	46	109367	51.618	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.240%
24) Chloroform-d	4.349	84	105893	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.034	65	50399	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.050	84	223916	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	67914	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.317	98	197190	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	21020	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	82576	45.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38324	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59919	5.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	23864	1.276	ug/L	97
8) Chloroethane	1.314	64	8406	0.730	ug/L #	72
17) Methyl tert-butyl Ether	2.767	73	3407	0.127	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	66589	4.736	ug/L	96
25) Chloroform	4.378	83	3874	0.152	ug/L	96
27) 1,2-Dichloroethane	5.053	62	1234	0.091	ug/L #	73
35) Methylcyclohexane	6.069	83	16251	0.692	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7267	0.560	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1464	0.081	ug/L #	77
47) Tetrachloroethene	7.979	164	840	0.085	ug/L	86
49) Dibromochloromethane	7.979	129	785	0.084	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	9327	1.490	ug/L #	68

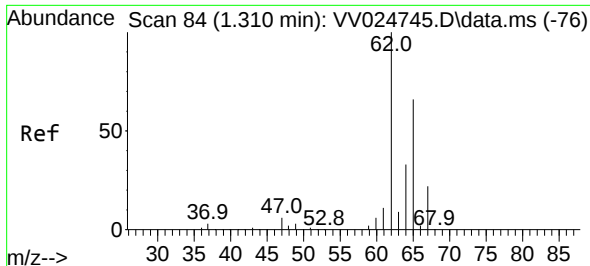
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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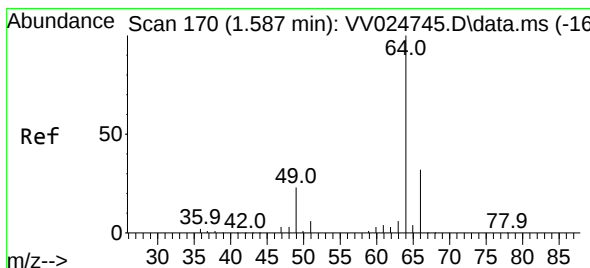
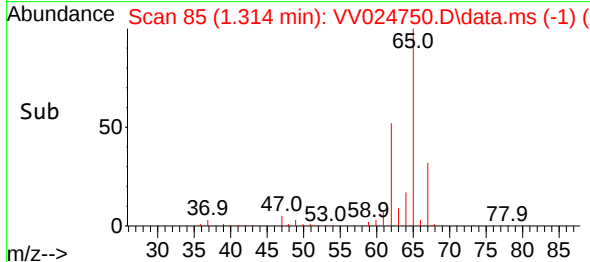
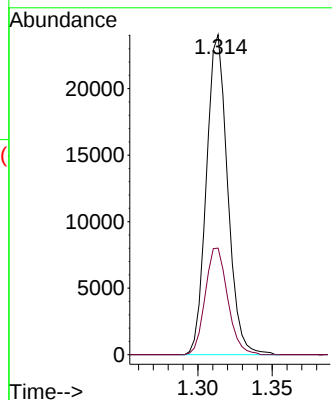
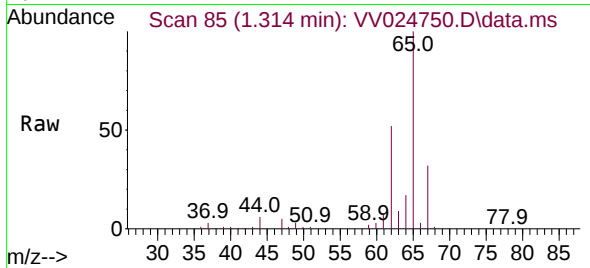




#5
 Vinyl chloride
 Concen: 1.276 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV024750.D
 Acq: 18 Feb 2022 13:55

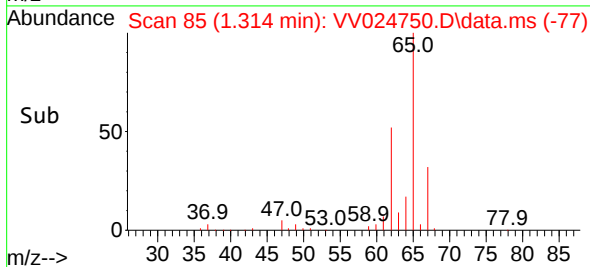
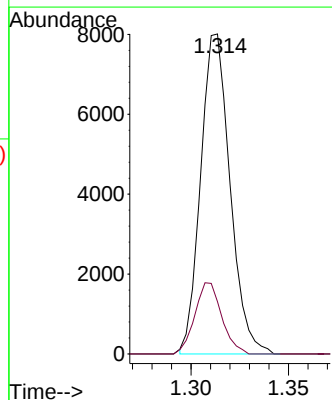
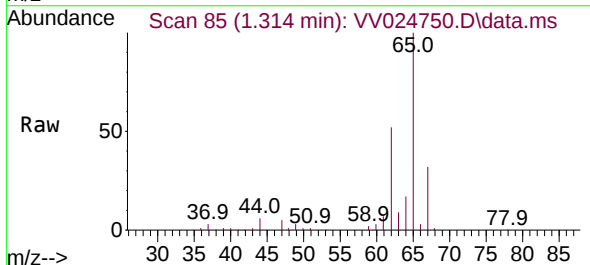
Instrument :
 MSVOA_V
 ClientSampleId :
 F4M34DL

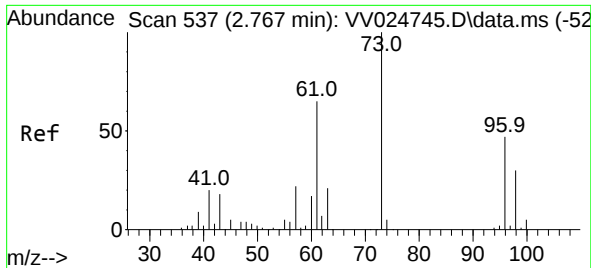
Tgt Ion: 62 Resp: 23864
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.2 41.2



#8
 Chloroethane
 Concen: 0.730 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.273 min
 Lab File: VV024750.D
 Acq: 18 Feb 2022 13:55

Tgt Ion: 64 Resp: 8406
 Ion Ratio Lower Upper
 64 100
 66 16.4 22.5 41.9#

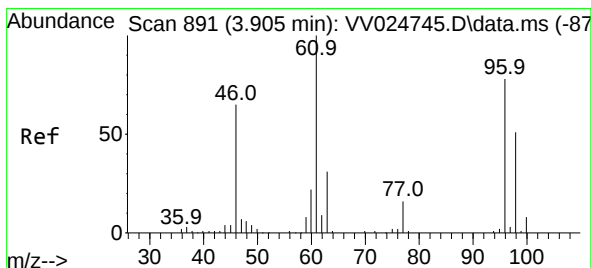
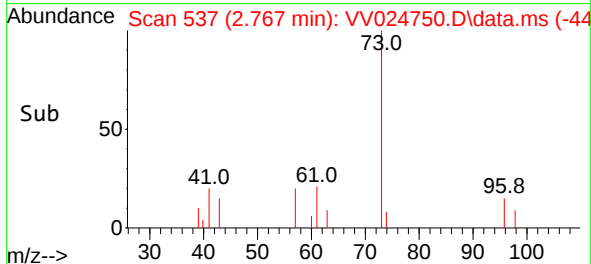
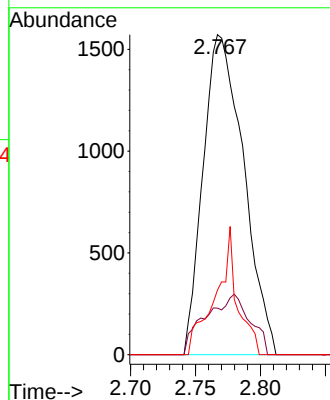
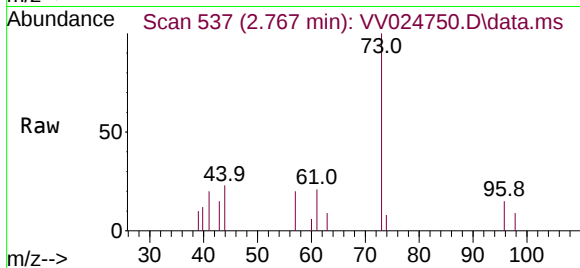




#17
Methyl tert-butyl Ether
Concen: 0.127 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024750.D
Acq: 18 Feb 2022 13:55

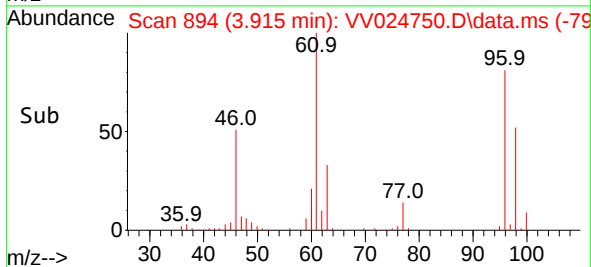
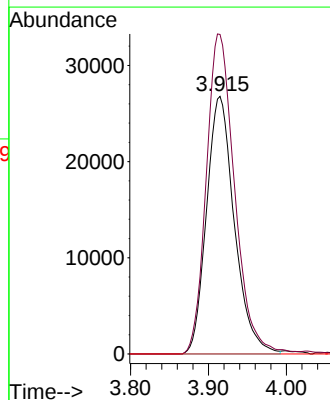
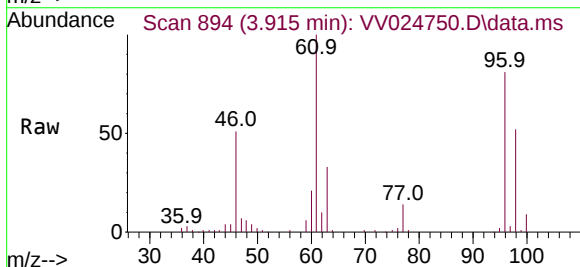
Instrument :
MSVOA_V
ClientSampleId :
F4M34DL

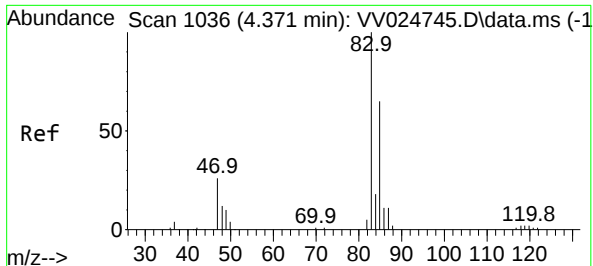
Tgt Ion: 73	Resp:	3407
Ion	Ratio	Lower Upper
73	100	
43	20.7	15.1 22.7
57	21.6	17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 4.736 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV024750.D
Acq: 18 Feb 2022 13:55

Tgt Ion: 96	Resp:	66589
Ion	Ratio	Lower Upper
96	100	
61	124.0	89.7 166.5
68	0.0	0.0 0.0





#25

Chloroform

Concen: 0.152 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

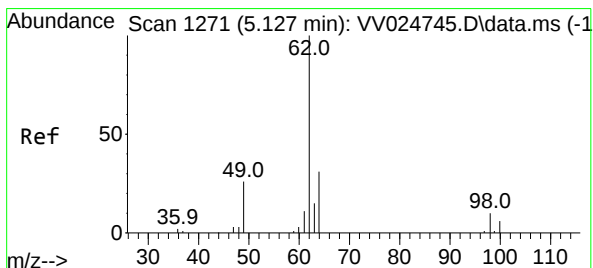
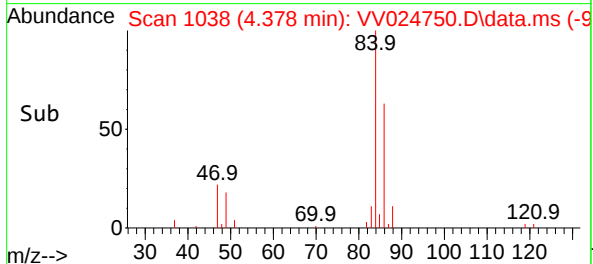
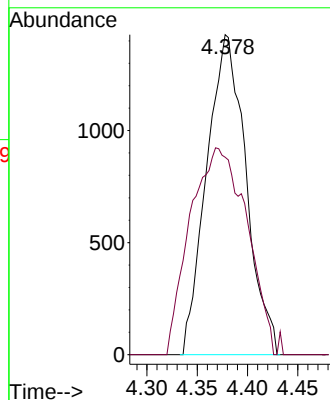
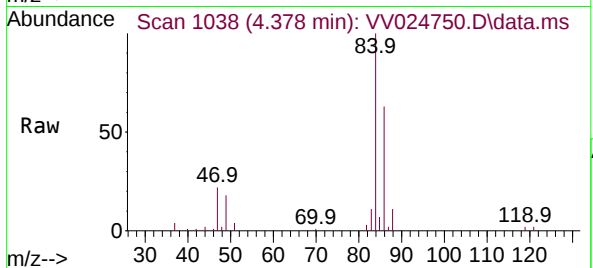
F4M34DL

Tgt Ion: 83 Resp: 3874

Ion Ratio Lower Upper

83 100

85 61.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV024750.D

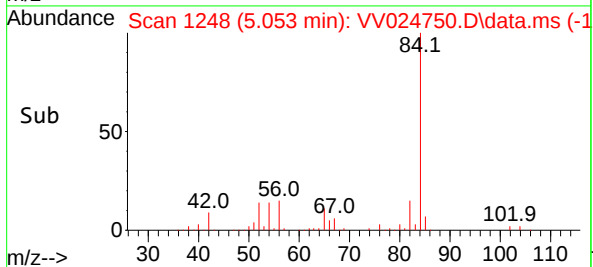
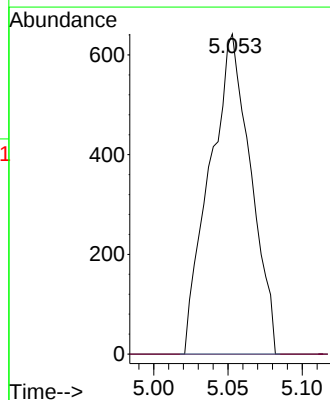
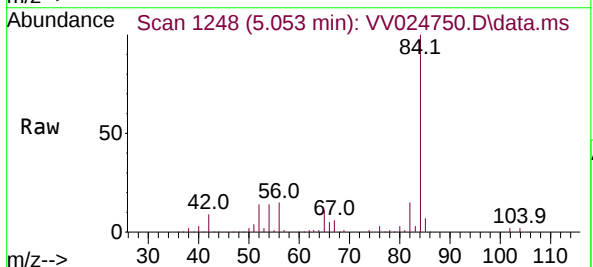
Acq: 18 Feb 2022 13:55

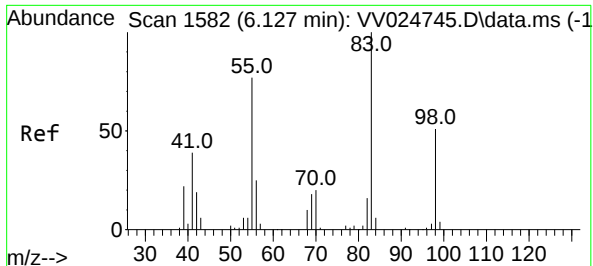
Tgt Ion: 62 Resp: 1234

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#





#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

F4M34DL

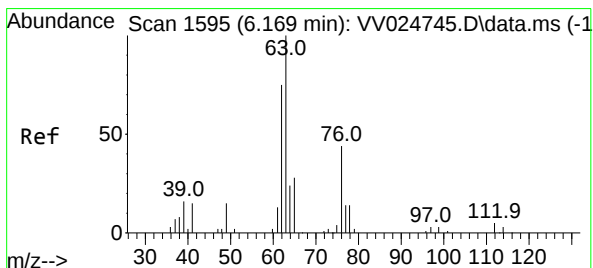
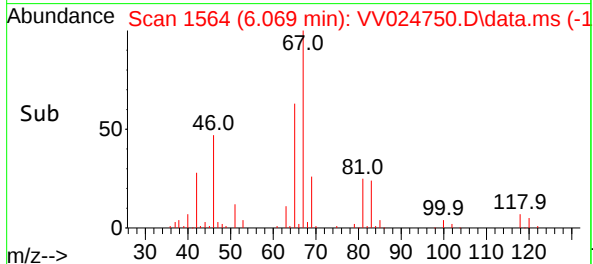
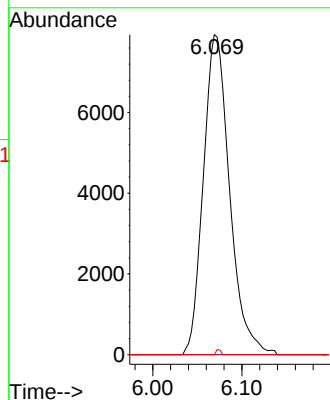
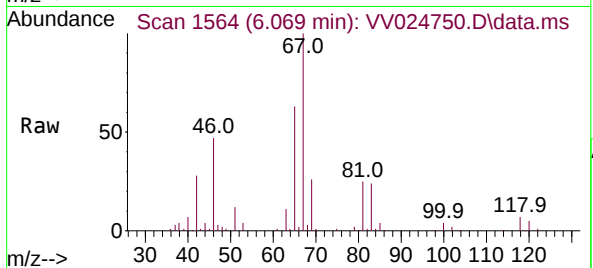
Tgt Ion: 83 Resp: 16251

Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.3 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV024750.D

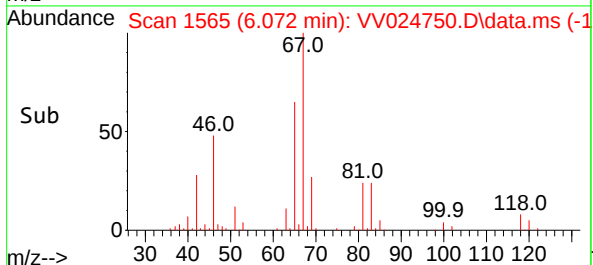
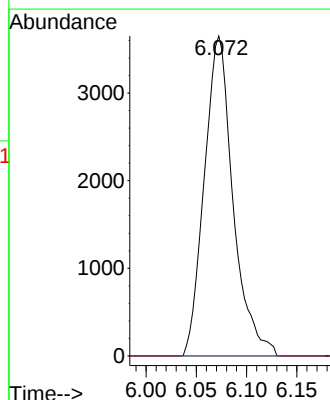
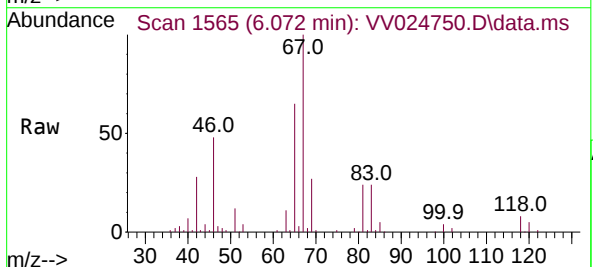
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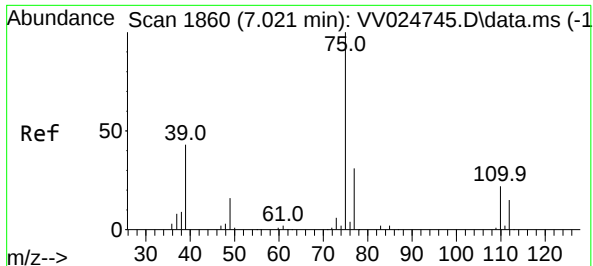
Tgt Ion: 63 Resp: 7267

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

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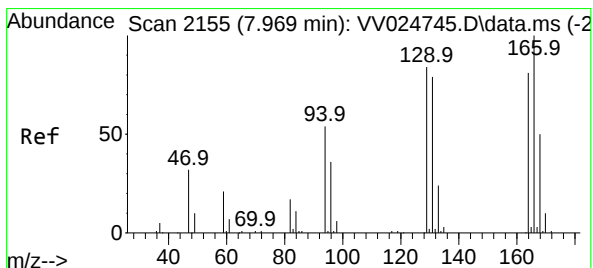
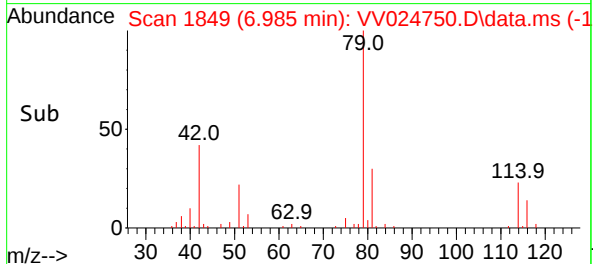
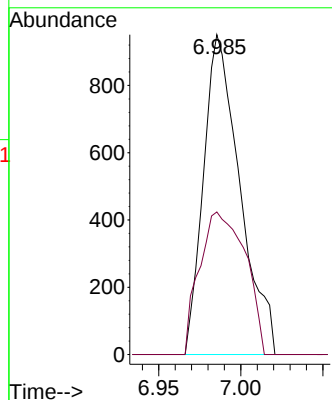
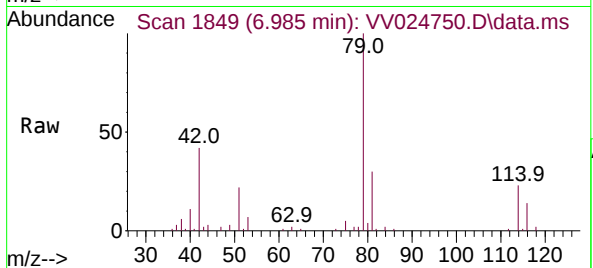
F4M34DL

Tgt Ion: 75 Resp: 1464

Ion Ratio Lower Upper

75 100

77 44.6 22.3 41.5#



#47

Tetrachloroethene

Concen: 0.085 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Tgt Ion:164 Resp: 840

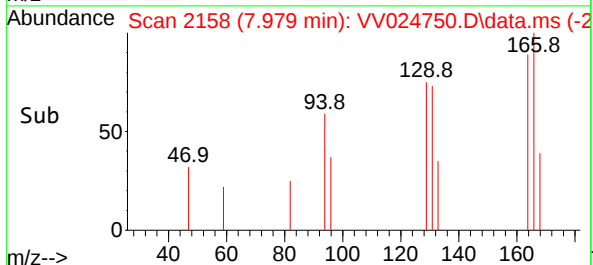
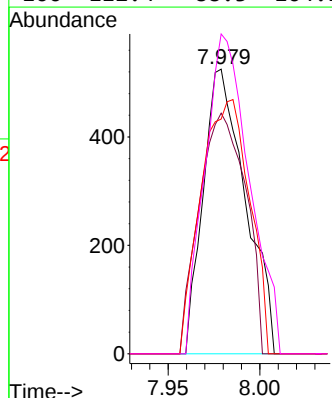
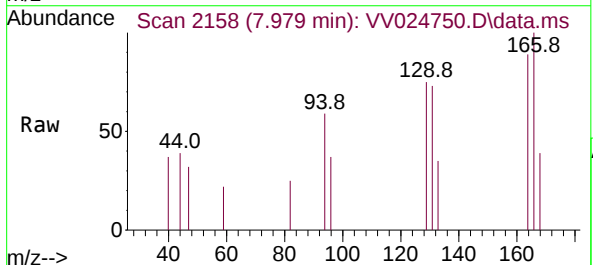
Ion Ratio Lower Upper

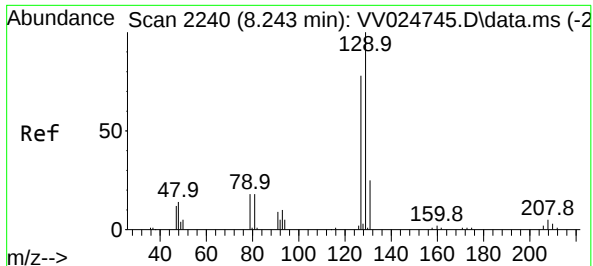
164 100

129 84.6 70.3 130.7

131 82.5 67.7 125.7

166 112.4 88.3 164.1





#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024750.D

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ClientSampleId :

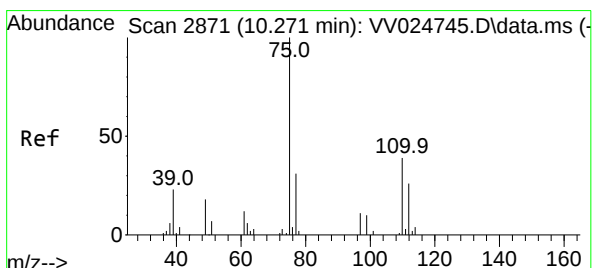
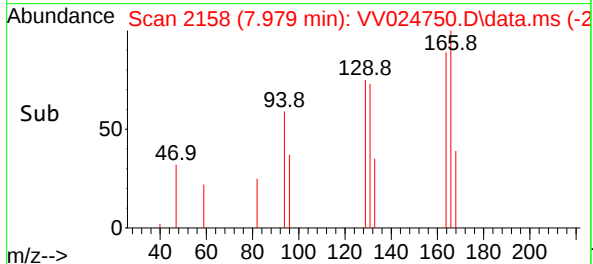
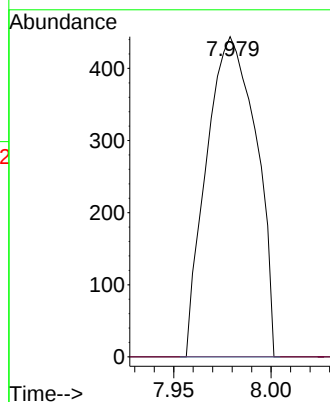
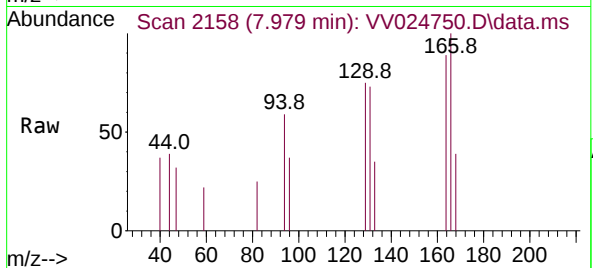
F4M34DL

Tgt Ion:129 Resp: 785

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.490 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024750.D

Acq: 18 Feb 2022 13:55

Tgt Ion: 75 Resp: 9327

Ion Ratio Lower Upper

75 100

77 33.4 26.3 39.5

110 2.1 30.3 45.5#

