

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025185.D
 Acq On : 25 Mar 2022 18:03
 Operator : SY/MD
 Sample : N2097-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD7

Quant Time: Mar 25 23:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

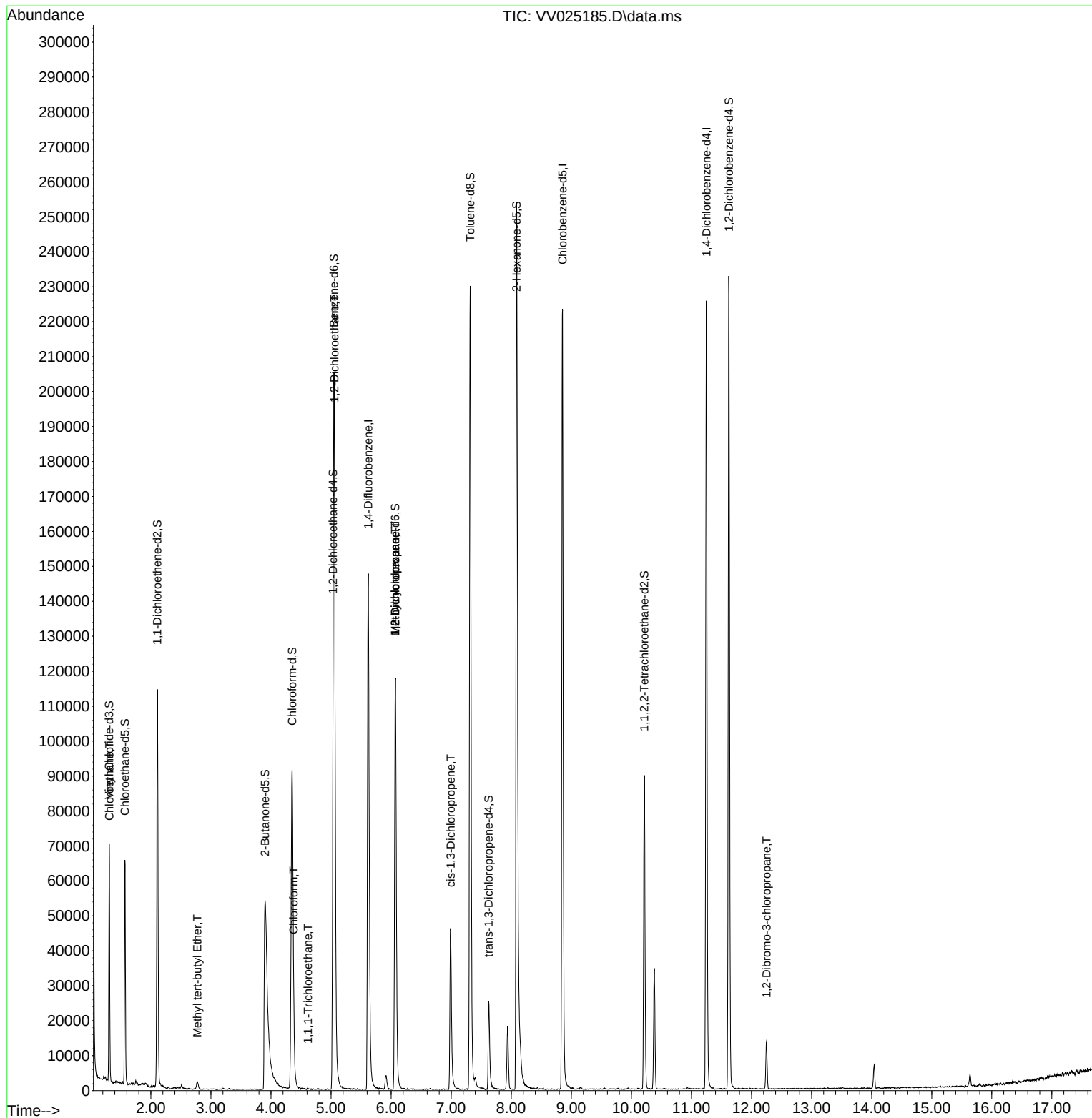
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137592	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42904	3.950	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.568	69	41156	5.174	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.108	63	59183	3.371	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.902	46	120210	91.568	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	183.140%#	
24) Chloroform-d	4.352	84	101494	5.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.600%	
26) 1,2-Dichloroethane-d4	5.034	65	46669	6.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.000%	
32) Benzene-d6	5.050	84	197334	5.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.069	67	63129	5.718	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.400%	
41) Toluene-d8	7.317	98	163073	4.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.625	79	17188	4.466	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.088	63	97453	74.228	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	148.460%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46270	7.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	142.400%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	63086	6.181	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.600%#	
Target Compounds						
					Qvalue	
8) Chloroethane	1.310	64	709	0.097	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2760	0.145	ug/L	96
25) Chloroform	4.378	83	2578	0.138	ug/L #	73
27) 1,2-Dichloroethane	5.056	62	895	0.096	ug/L #	71
29) 1,1,1-Trichloroethane	4.616	97	331	0.020	ug/L #	63
35) Methylcyclohexane	6.069	83	14875	0.820	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6308	0.638	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1166	0.085	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.249	75	492	0.566	ug/L #	1

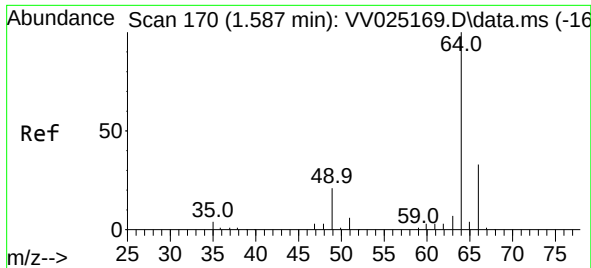
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.097 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.277 min

Lab File: VV025185.D

Acq: 25 Mar 2022 18:03

Instrument :

MSVOA_V

ClientSampleId :

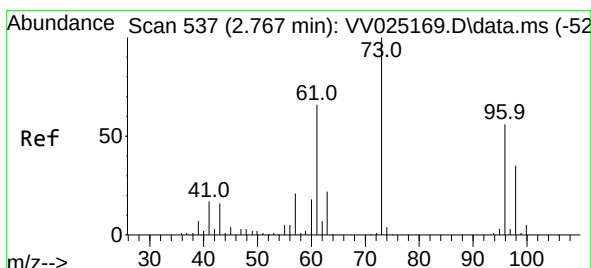
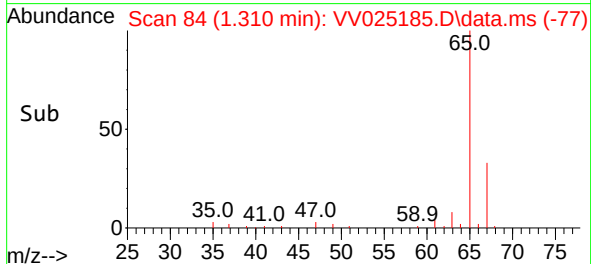
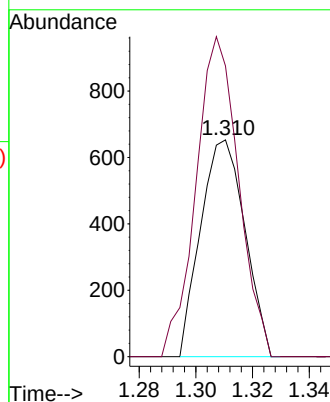
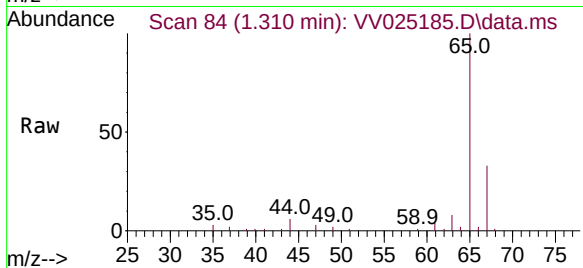
C0AD7

Tgt Ion: 64 Resp: 709

Ion Ratio Lower Upper

64 100

66 134.2 22.5 41.7#



#17

Methyl tert-butyl Ether

Concen: 0.145 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.006 min

Lab File: VV025185.D

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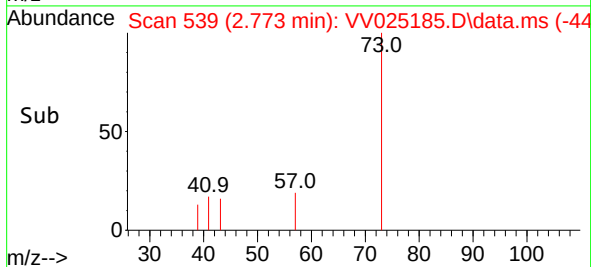
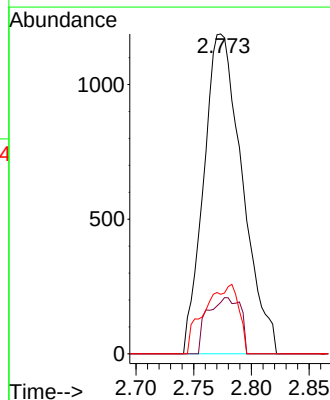
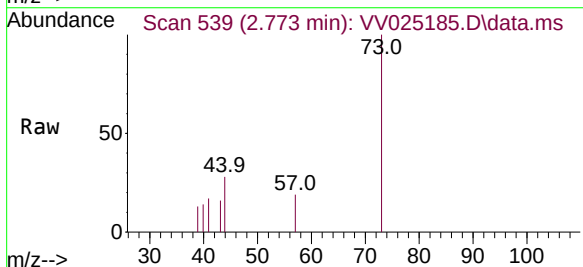
Tgt Ion: 73 Resp: 2760

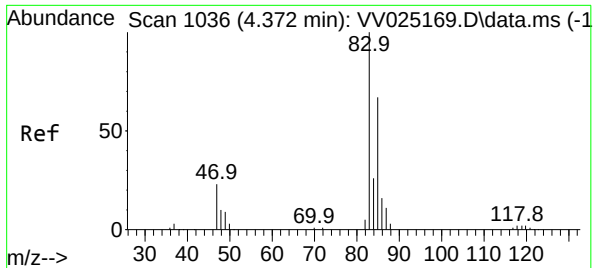
Ion Ratio Lower Upper

73 100

43 14.9 13.2 19.8

57 19.3 16.7 25.1

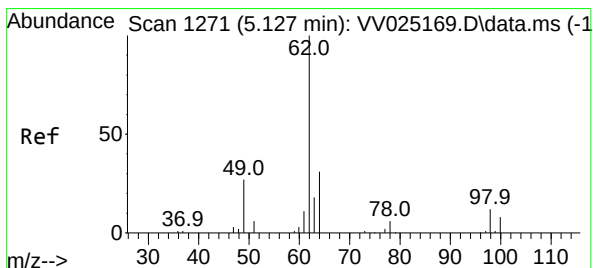
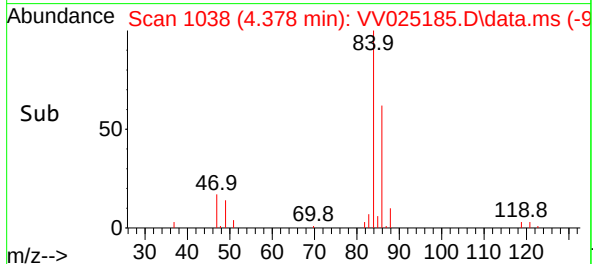
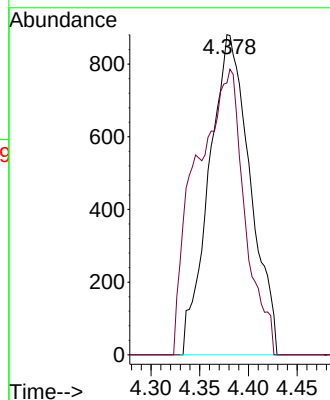
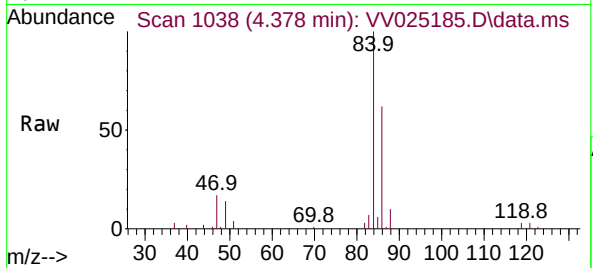




#25
Chloroform
Concen: 0.138 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV025185.D
Acq: 25 Mar 2022 18:03

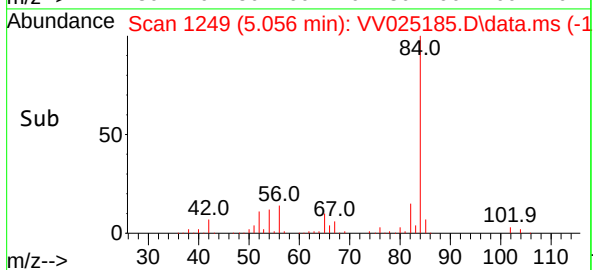
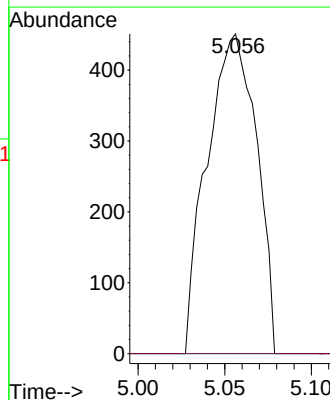
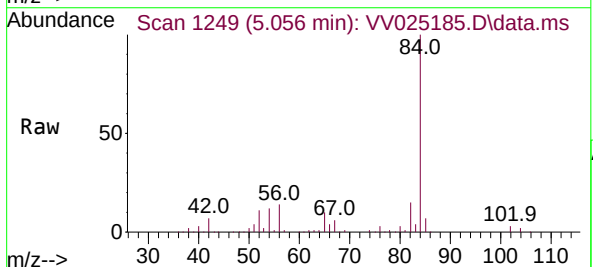
Instrument :
MSVOA_V
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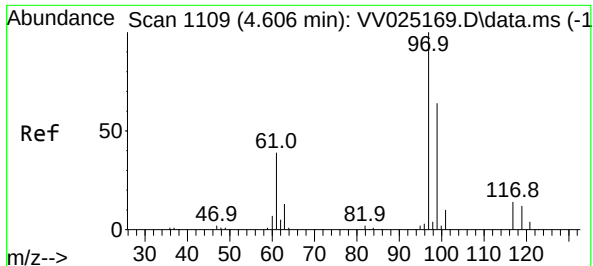
Tgt Ion: 83 Resp: 2578
Ion Ratio Lower Upper
83 100
85 84.9 44.5 82.7#



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.071 min
Lab File: VV025185.D
Acq: 25 Mar 2022 18:03

Tgt Ion: 62 Resp: 895
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#





#29

1,1,1-Trichloroethane

Concen: 0.020 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.010 min

Lab File: VV025185.D

Acq: 25 Mar 2022 18:03

Instrument :

MSVOA_V

ClientSampleId :

C0AD7

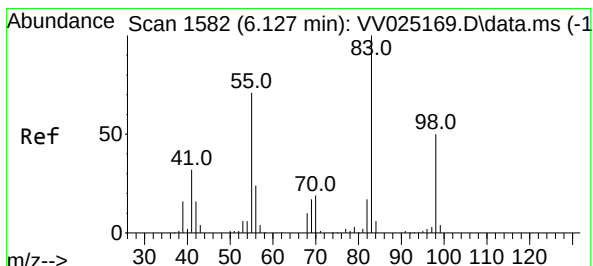
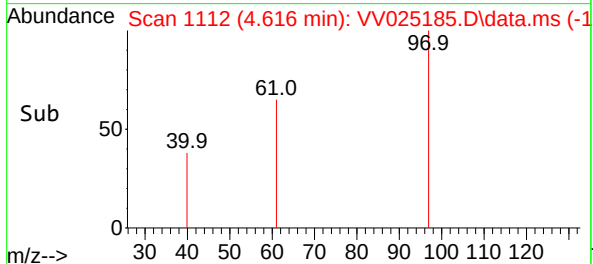
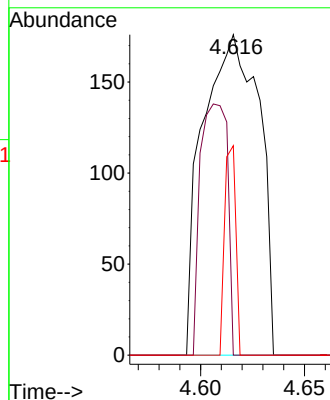
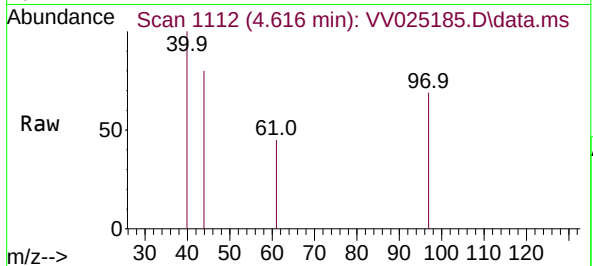
Tgt Ion: 97 Resp: 331

Ion Ratio Lower Upper

97 100

99 37.8 50.7 76.1#

61 13.0 32.4 48.6#



#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025185.D

Acq: 25 Mar 2022 18:03

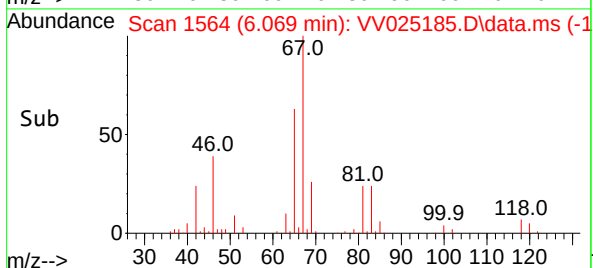
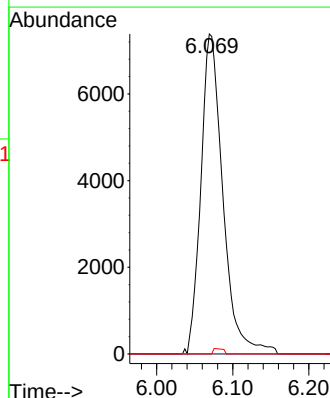
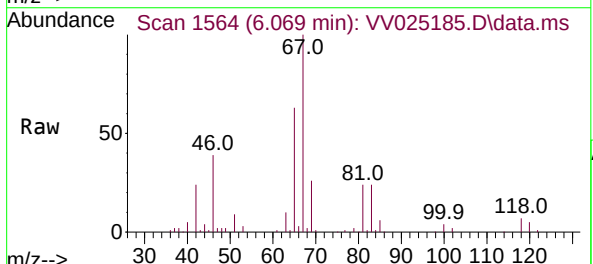
Tgt Ion: 83 Resp: 14875

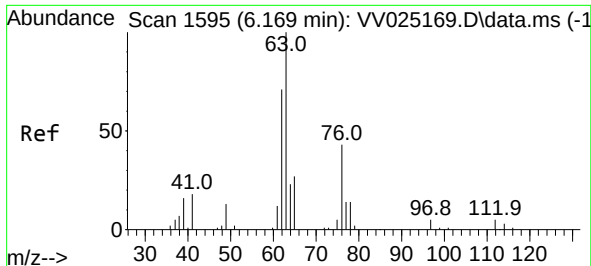
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025185.D

Acq: 25 Mar 2022 18:03

Instrument :

MSVOA_V

ClientSampleId :

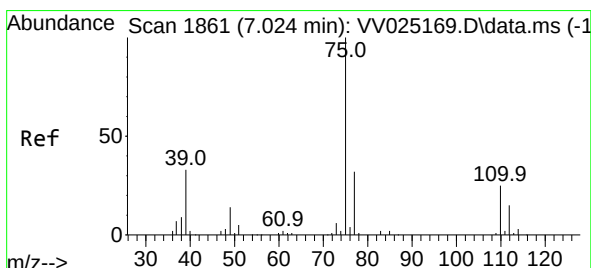
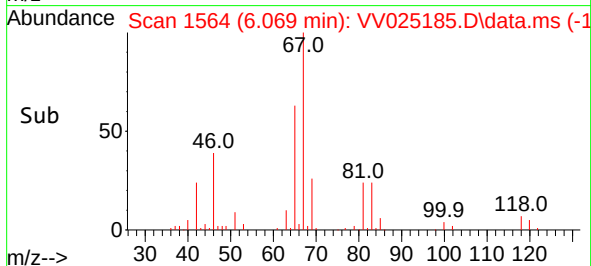
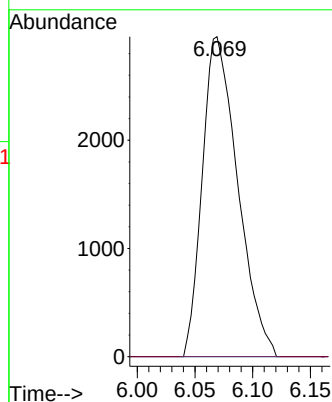
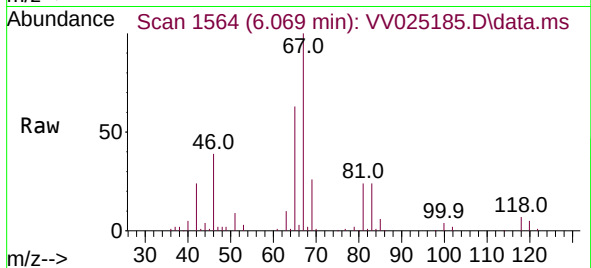
C0AD7

Tgt Ion: 63 Resp: 6308

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025185.D

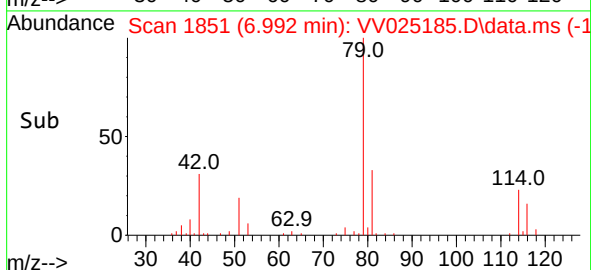
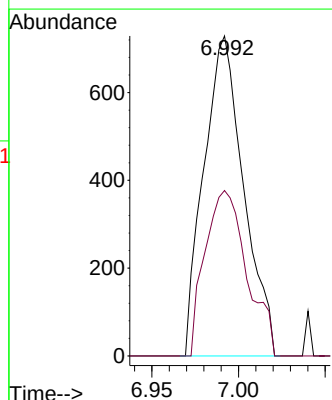
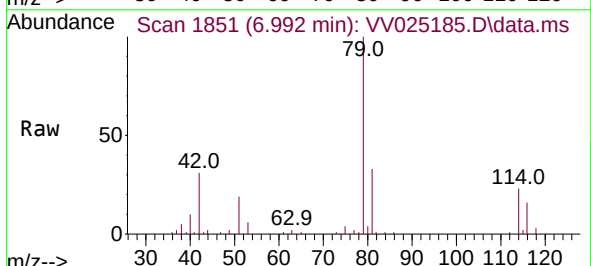
Acq: 25 Mar 2022 18:03

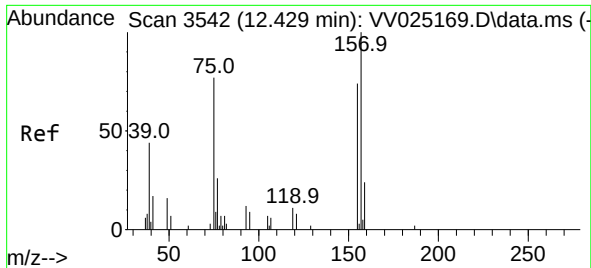
Tgt Ion: 75 Resp: 1166

Ion Ratio Lower Upper

75 100

77 51.7 23.0 42.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.566 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV025185.D

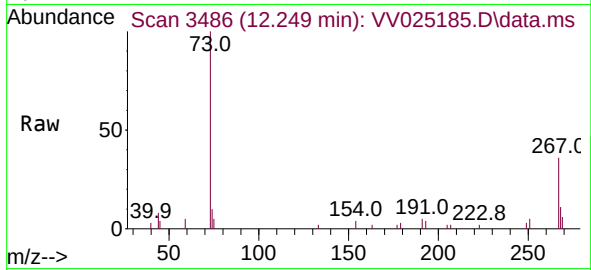
Acq: 25 Mar 2022 18:03

Instrument :

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Tgt Ion: 75 Resp: 492

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

