

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025181.D
 Acq On : 25 Mar 2022 16:06
 Operator : SY/MD
 Sample : N2097-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2

Quant Time: Mar 25 23:23:03 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)

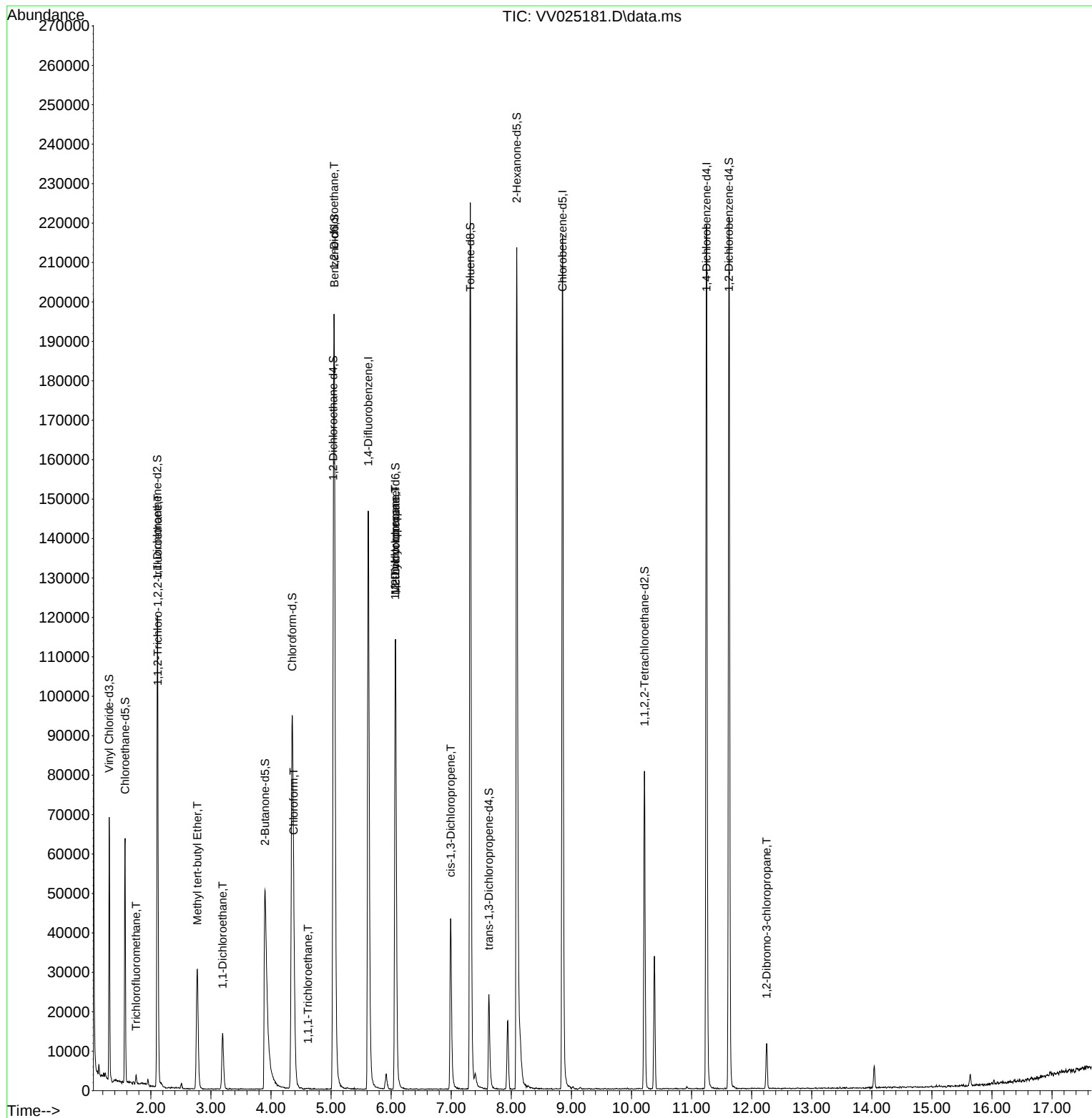
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131199	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41971	3.849	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.571	69	39422	4.937	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.108	63	58162	3.300	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	3.899	46	101837	77.272	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	154.540%#	
24) Chloroform-d	4.352	84	98499	5.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.000%	
26) 1,2-Dichloroethane-d4	5.037	65	42876	5.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.400%	
32) Benzene-d6	5.053	84	192813	5.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.072	67	61016	5.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.600%	
41) Toluene-d8	7.316	98	159370	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15859	4.157	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.091	63	80641	61.966	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.940%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41241	6.406	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	128.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	59167	5.946	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.000%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	1537	0.093	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	4382	0.489	ug/L	91
17) Methyl tert-butyl Ether	2.773	73	34287	1.789	ug/L	99
19) 1,1-Dichloroethane	3.194	63	15463	0.858	ug/L	96
25) Chloroform	4.378	83	27261	1.453	ug/L	96
27) 1,2-Dichloroethane	5.050	62	957	0.103	ug/L #	71
29) 1,1,1-Trichloroethane	4.616	97	312	0.019	ug/L #	25
35) Methylcyclohexane	6.072	83	14662	0.815	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6219	0.634	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1106	0.081	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.249	75	419	0.494	ug/L #	26

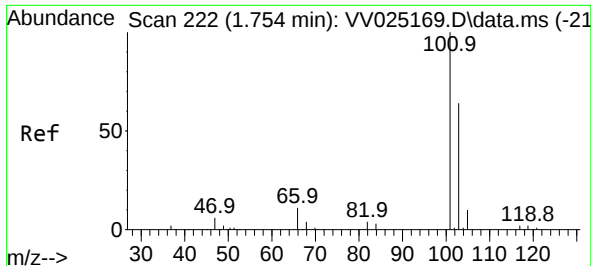
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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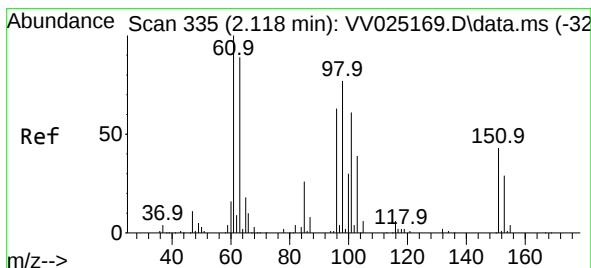
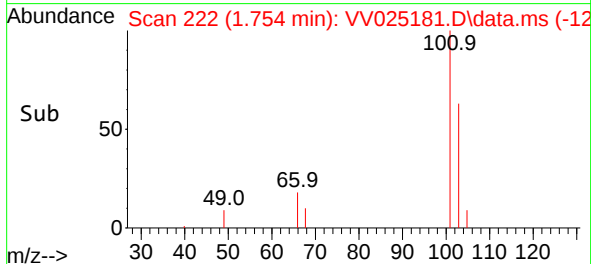
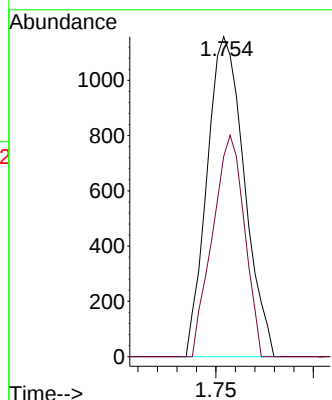
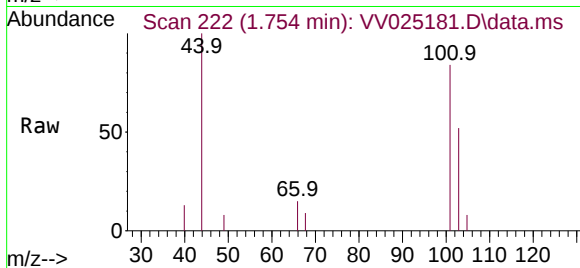




#9
 Trichlorofluoromethane
 Concen: 0.093 ug/L
 RT: 1.754 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VV025181.D
 Acq: 25 Mar 2022 16:06

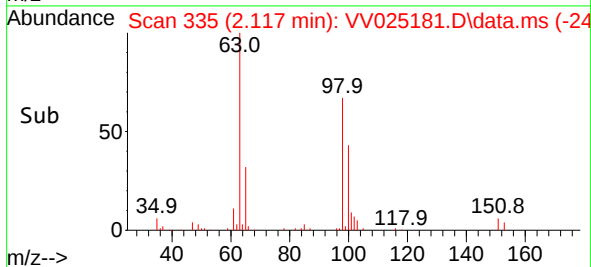
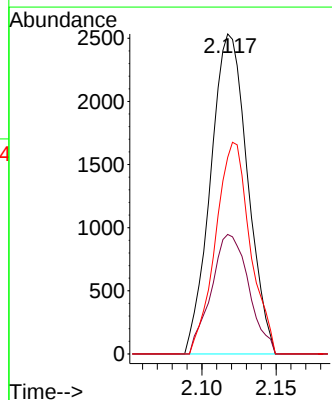
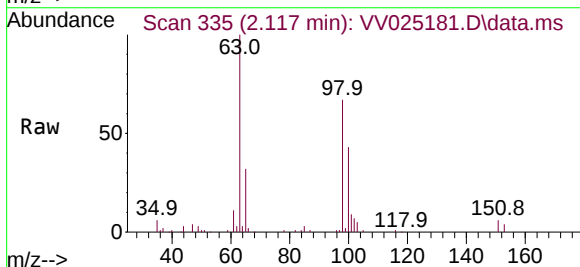
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2

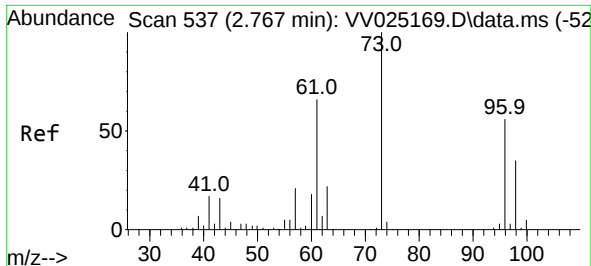
Tgt Ion:101 Resp: 1537
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.489 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025181.D
 Acq: 25 Mar 2022 16:06

Tgt Ion:101 Resp: 4382
 Ion Ratio Lower Upper
 101 100
 85 37.9 34.8 52.2
 151 62.1 55.6 83.4

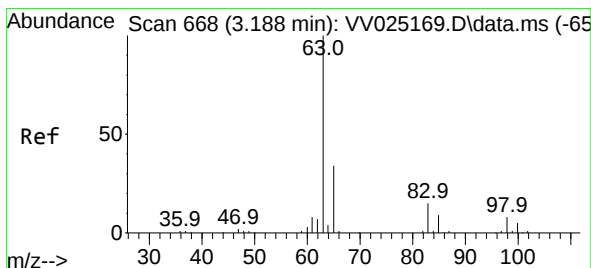
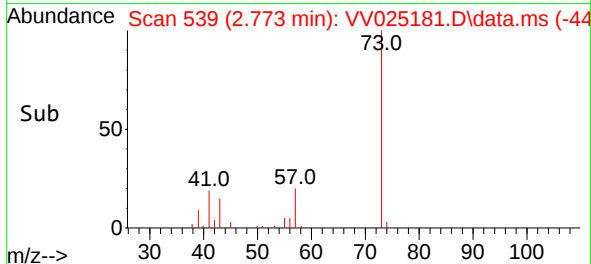
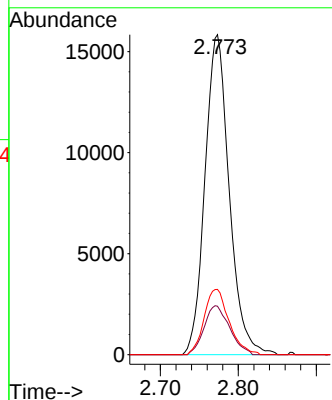
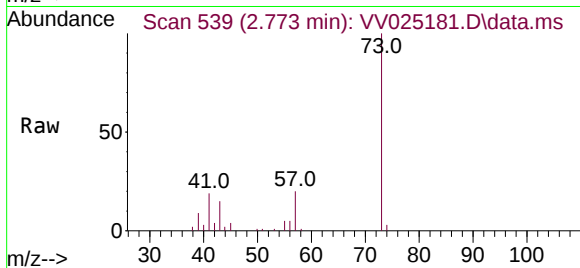




#17
Methyl tert-butyl Ether
Concen: 1.789 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025181.D
Acq: 25 Mar 2022 16:06

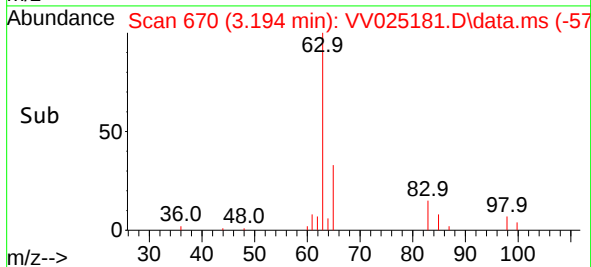
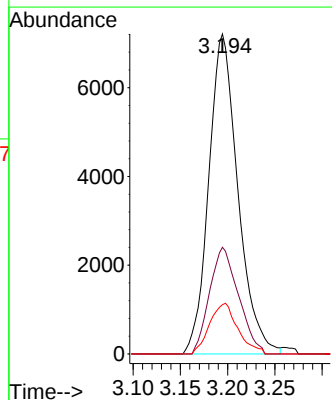
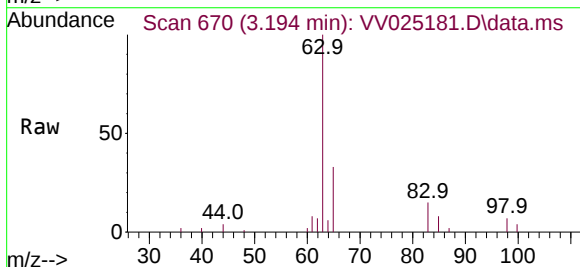
Instrument :
MSVOA_V
ClientSampleId :
C0AD2

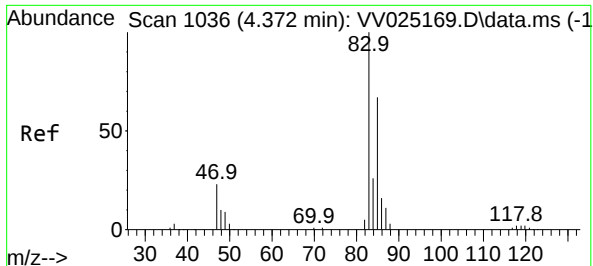
Tgt Ion: 73 Resp: 34287
Ion Ratio Lower Upper
73 100
43 16.1 13.2 19.8
57 21.0 16.7 25.1



#19
1,1-Dichloroethane
Concen: 0.858 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV025181.D
Acq: 25 Mar 2022 16:06

Tgt Ion: 63 Resp: 15463
Ion Ratio Lower Upper
63 100
65 33.3 22.2 41.2
83 15.4 9.4 17.4





#25

Chloroform

Concen: 1.453 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025181.D

Acq: 25 Mar 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

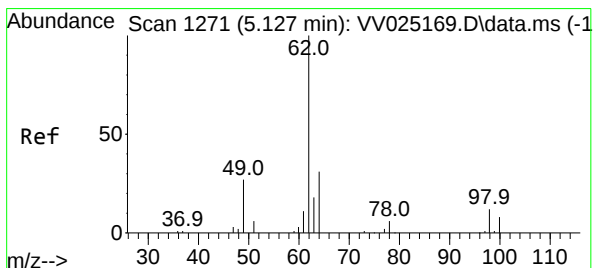
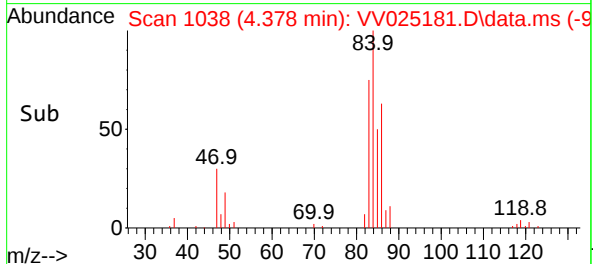
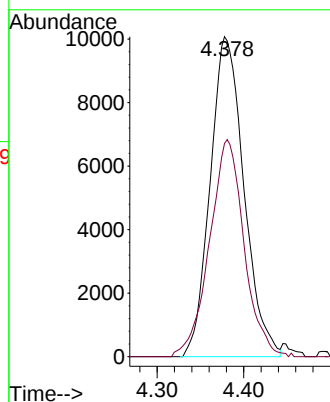
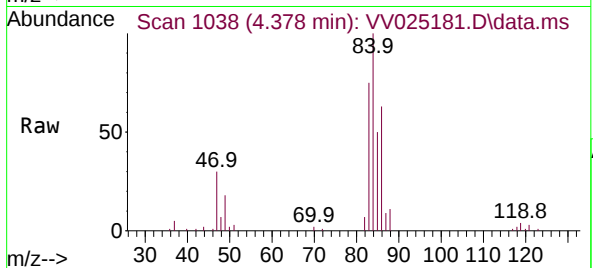
C0AD2

Tgt Ion: 83 Resp: 27261

Ion Ratio Lower Upper

83 100

85 66.7 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025181.D

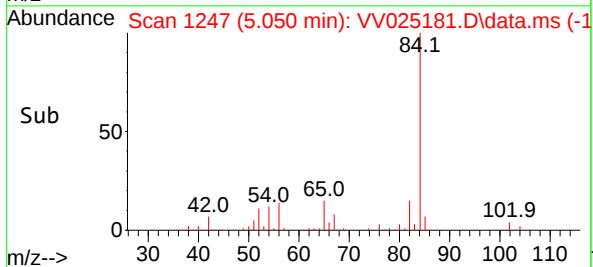
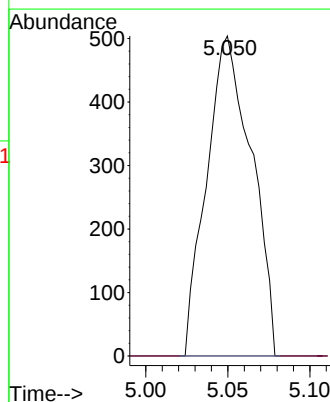
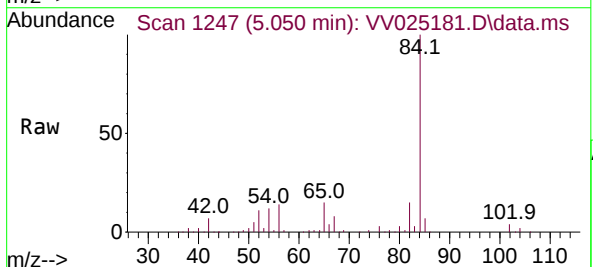
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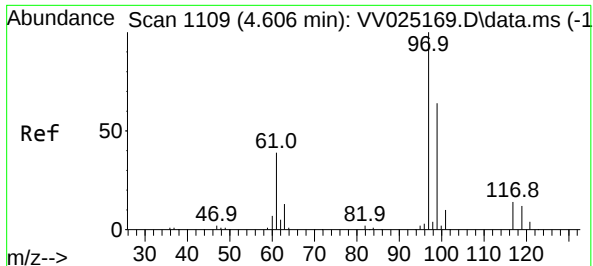
Tgt Ion: 62 Resp: 957

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#29

1,1,1-Trichloroethane

Concen: 0.019 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.009 min

Lab File: VV025181.D

Acq: 25 Mar 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

C0AD2

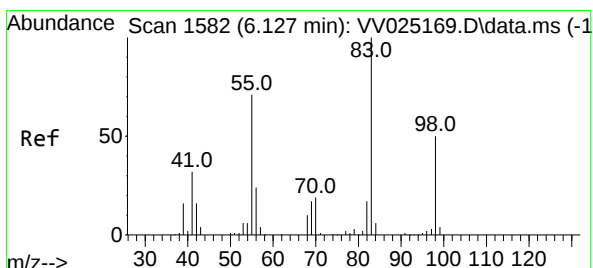
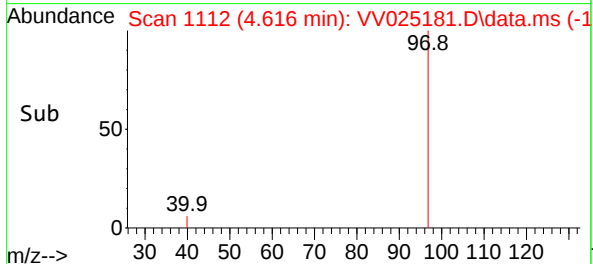
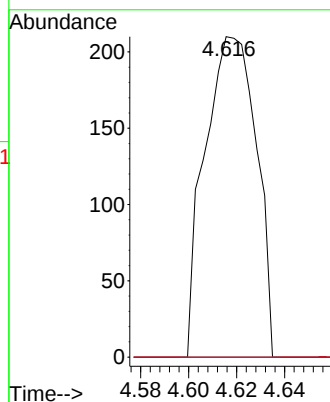
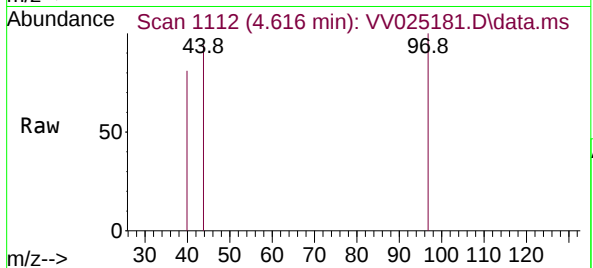
Tgt Ion: 97 Resp: 312

Ion Ratio Lower Upper

97 100

99 0.0 50.7 76.1#

61 0.0 32.4 48.6#



#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025181.D

Acq: 25 Mar 2022 16:06

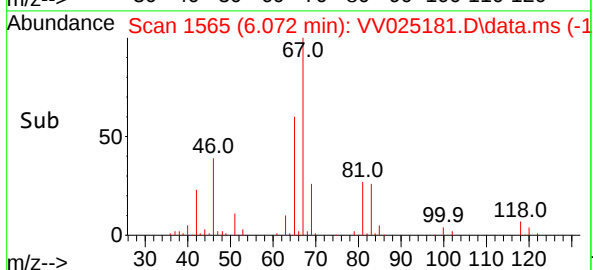
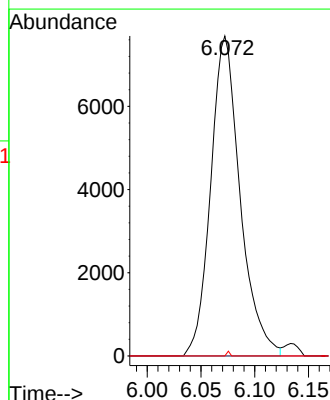
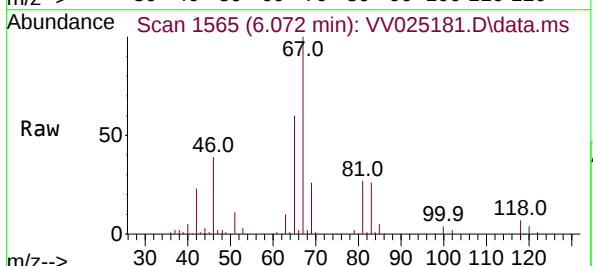
Tgt Ion: 83 Resp: 14662

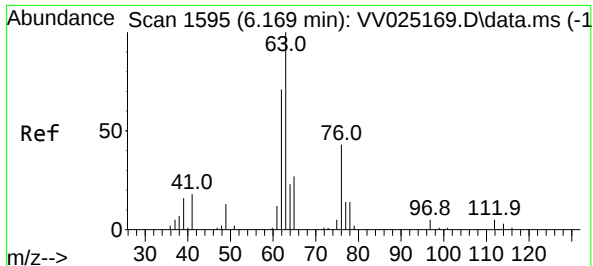
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025181.D

Acq: 25 Mar 2022 16:06

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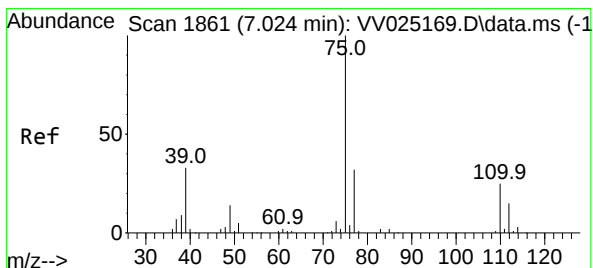
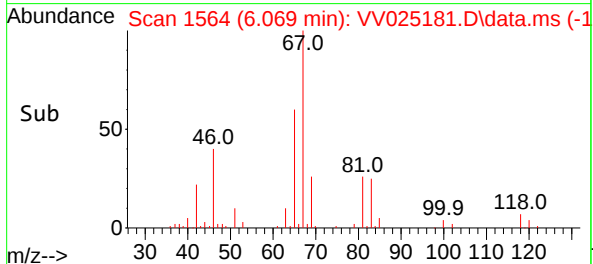
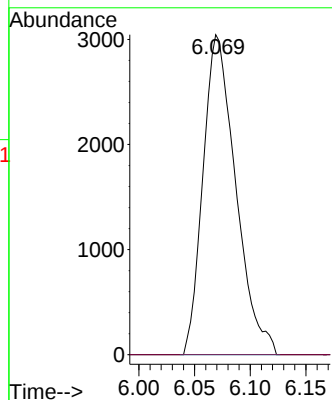
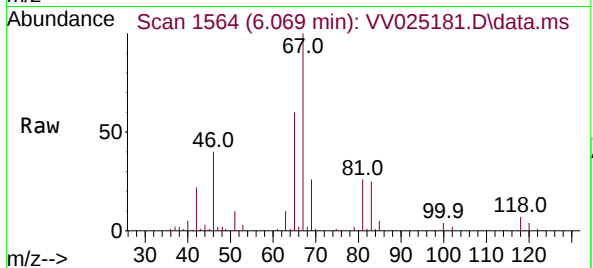
C0AD2

Tgt Ion: 63 Resp: 6219

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025181.D

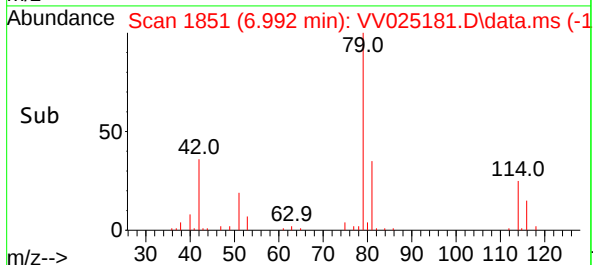
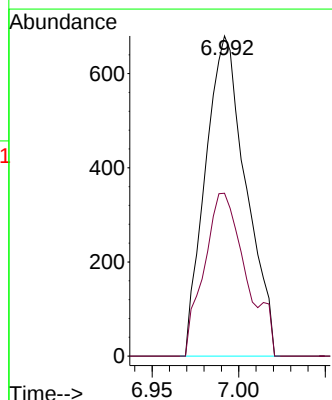
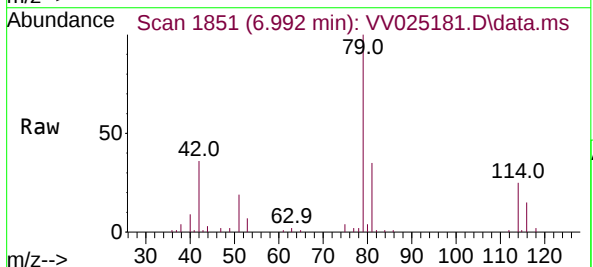
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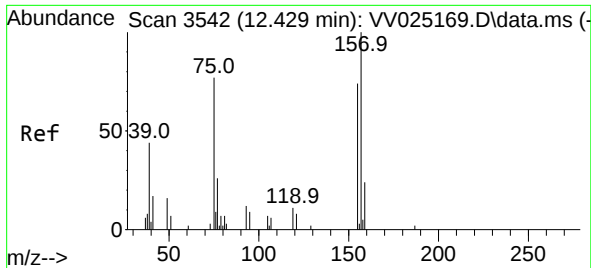
Tgt Ion: 75 Resp: 1106

Ion Ratio Lower Upper

75 100

77 50.9 23.0 42.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.494 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV025181.D
 Acq: 25 Mar 2022 16:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2

Tgt Ion: 75 Resp: 419
 Ion Ratio Lower Upper
 75 100
 155 54.1 65.9 98.9#
 157 0.0 89.7 134.5#

