

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024575.D
 Acq On : 10 Feb 2022 18:02
 Operator : SY/MD
 Sample : N1476-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:56:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

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

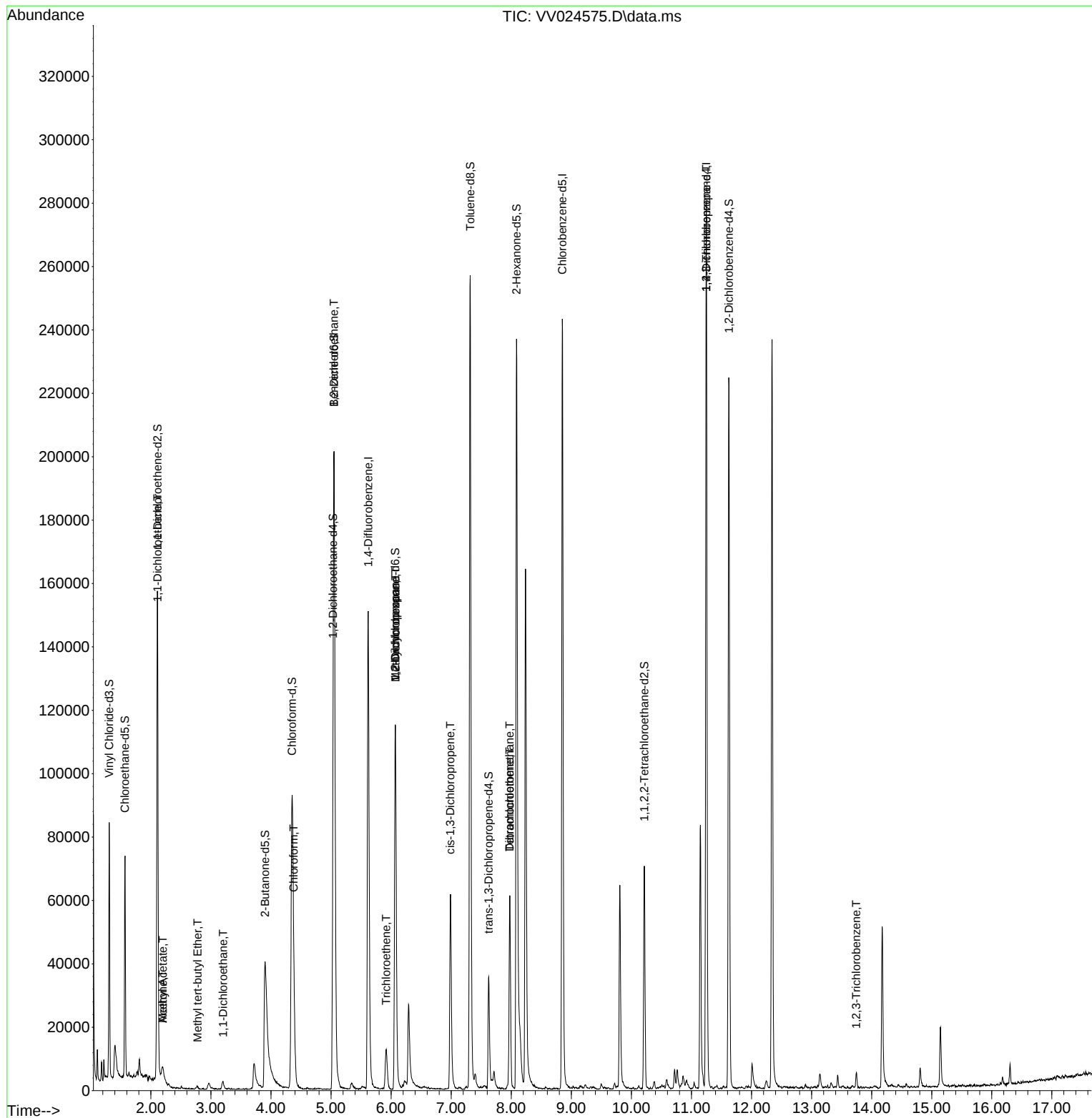
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	65444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47260	4.311	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.568	69	43235	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.111	63	74806	3.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.902	46	98244	53.990	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.980%
24) Chloroform-d	4.349	84	90841	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	43495	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.050	84	185617	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.069	67	56299	4.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	166464	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.622	79	21760	4.741	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	87353	54.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34146	5.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	52984	5.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	1254	0.093	ug/L #	1
13) Acetone	2.198	43	13079	9.108	ug/L	82
15) Methyl Acetate	2.198	43	12594	3.067	ug/L #	50
17) Methyl tert-butyl Ether	2.780	73	923	0.033	ug/L #	71
19) 1,1-Dichloroethane	3.201	63	2574	0.112	ug/L	92
25) Chloroform	4.378	83	25716	1.070	ug/L	95
27) 1,2-Dichloroethane	5.050	62	934	0.071	ug/L #	73
34) Trichloroethene	5.918	95	3232	0.234	ug/L	84
35) Methylcyclohexane	6.072	83	13735	0.600	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6633	0.544	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1715	0.092	ug/L #	47
47) Tetrachloroethene	7.976	164	12307	1.340	ug/L	87
49) Dibromochloromethane	7.976	129	13013	1.365	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9649	1.496	ug/L #	65
72) 1,2,3-Trichlorobenzene	13.744	180	1345	0.115	ug/L	92

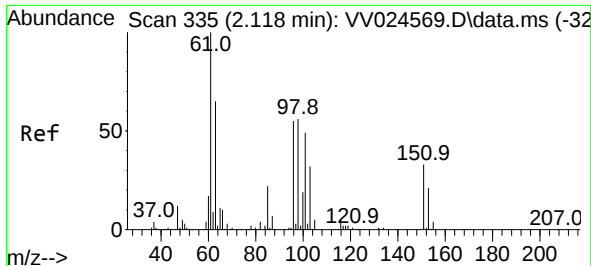
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024575.D

Acq: 10 Feb 2022 18:02

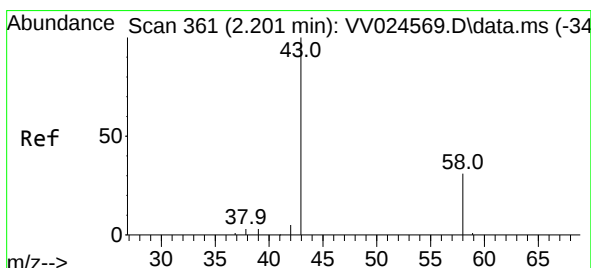
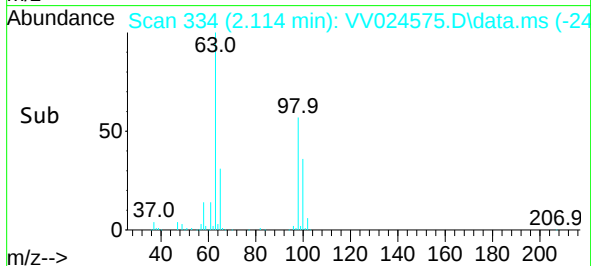
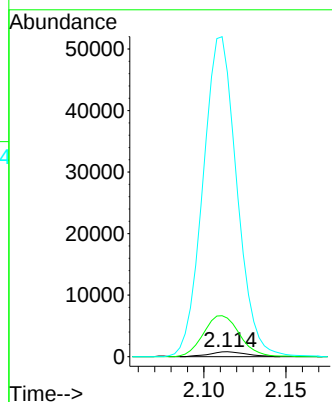
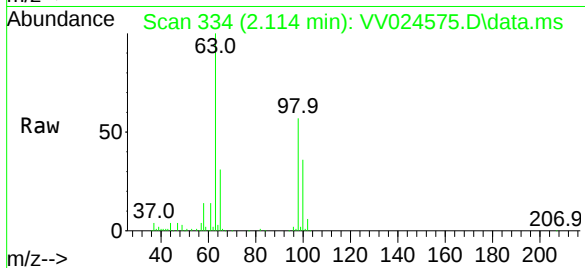
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1254

Ion	Ratio	Lower	Upper
96	100		
61	780.0	116.1	215.5#
63	5757.6	79.4	147.4#



#13

Acetone

Concen: 9.108 ug/L

RT: 2.198 min Scan# 360

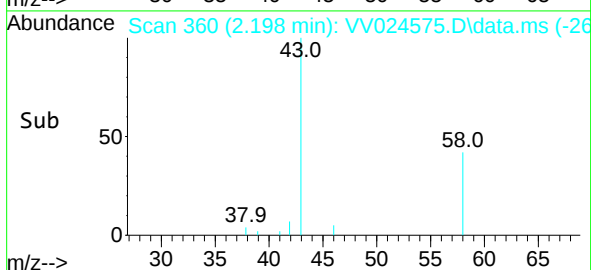
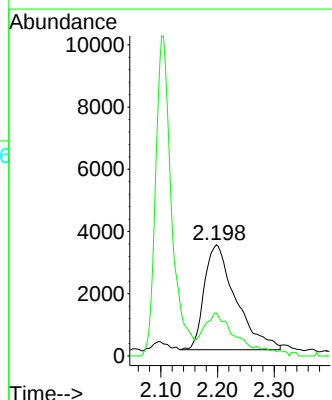
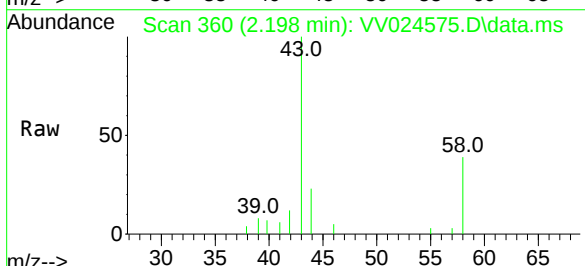
Delta R.T. -0.003 min

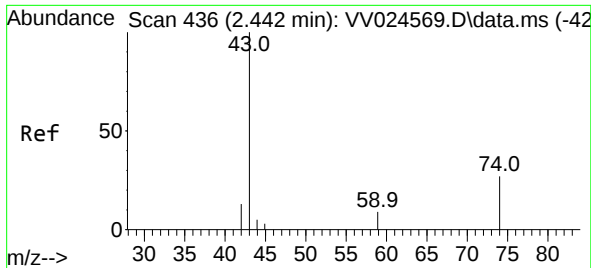
Lab File: VV024575.D

Acq: 10 Feb 2022 18:02

Tgt Ion: 43 Resp: 13079

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	41.4

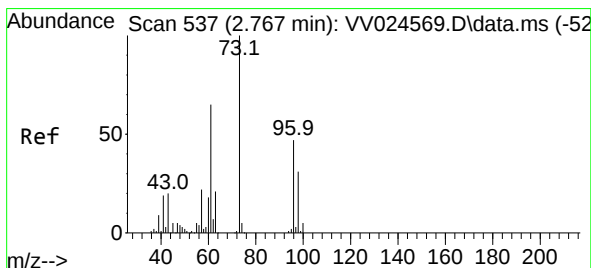
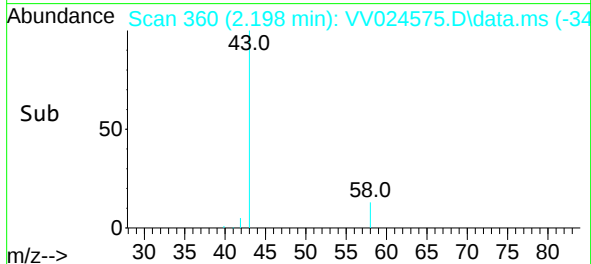
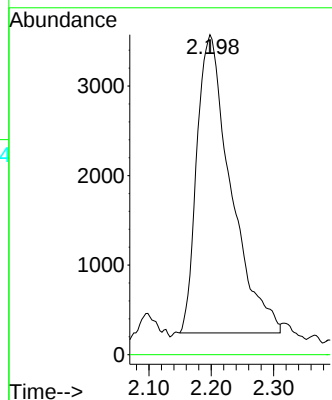
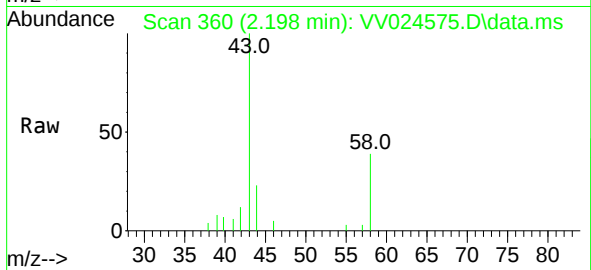




#15
Methyl Acetate
Concen: 3.067 ug/L
RT: 2.198 min Scan# 30
Delta R.T. -0.244 min
Lab File: VV024575.D
Acq: 10 Feb 2022 18:02

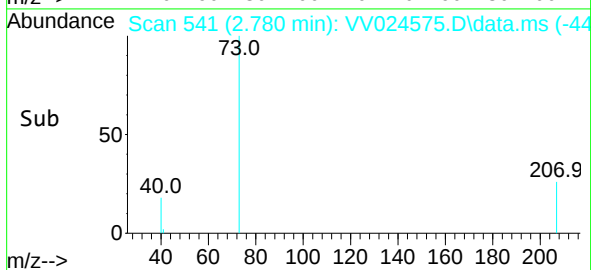
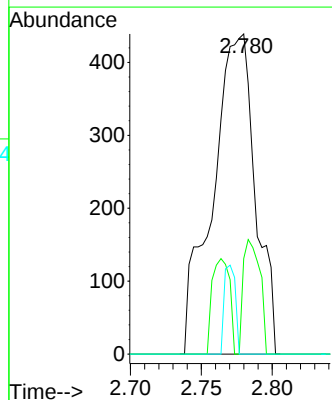
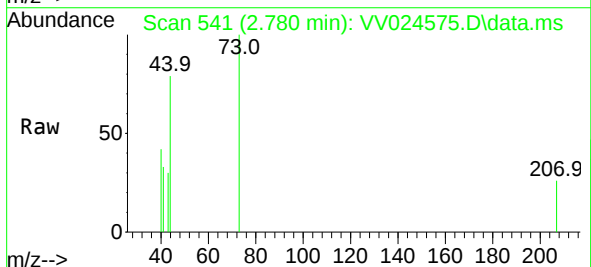
Instrument :
MSVOA_V
ClientSampleId :

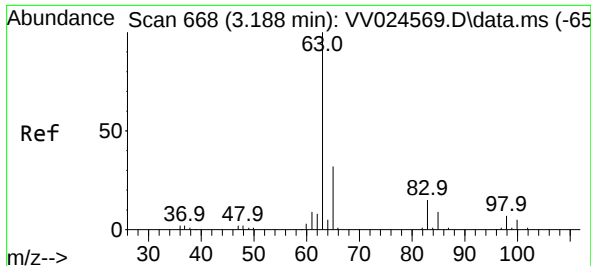
Tgt Ion: 43 Resp: 12594
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#17
Methyl tert-butyl Ether
Concen: 0.033 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV024575.D
Acq: 10 Feb 2022 18:02

Tgt Ion: 73 Resp: 923
Ion Ratio Lower Upper
73 100
43 14.0 15.5 23.3#
57 0.0 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 0.112 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.013 min

Lab File: VV024575.D

Acq: 10 Feb 2022 18:02

Instrument :

MSVOA_V

ClientSampleId :

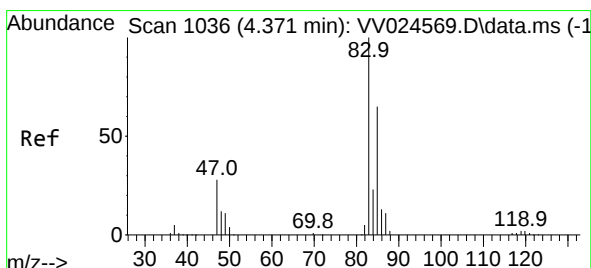
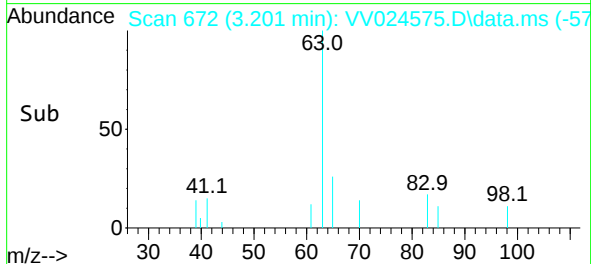
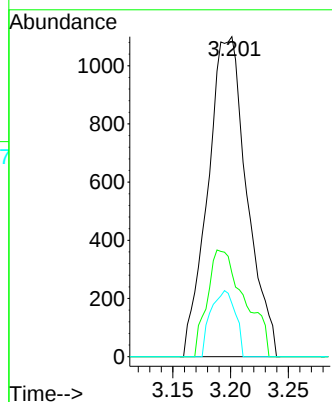
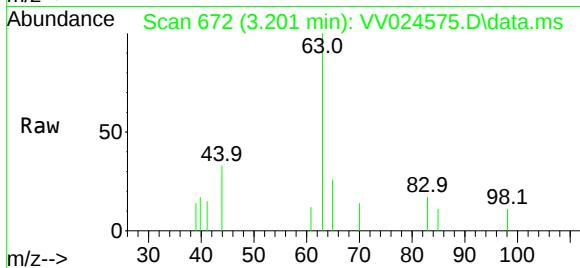
Tgt Ion: 63 Resp: 2574

Ion Ratio Lower Upper

63 100

65 26.2 22.3 41.3

83 16.6 10.7 19.9



#25

Chloroform

Concen: 1.070 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV024575.D

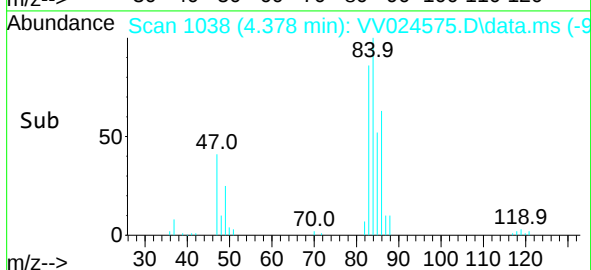
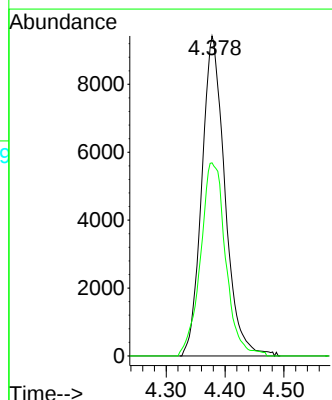
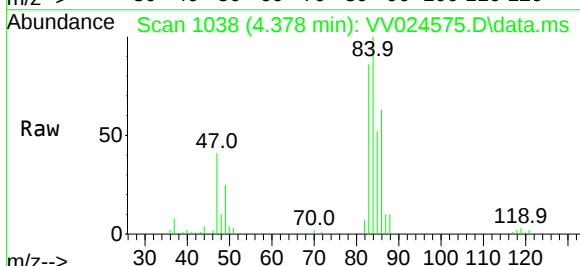
Acq: 10 Feb 2022 18:02

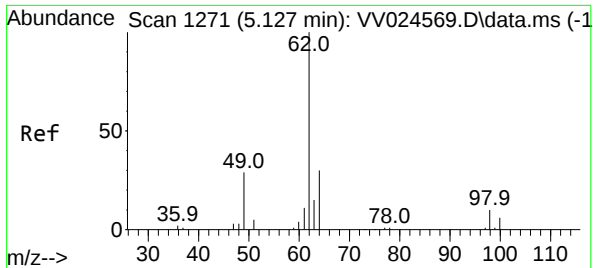
Tgt Ion: 83 Resp: 25716

Ion Ratio Lower Upper

83 100

85 60.4 45.2 84.0

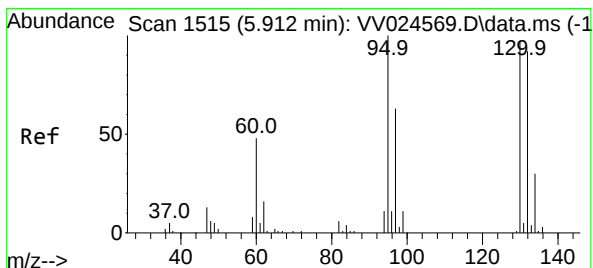
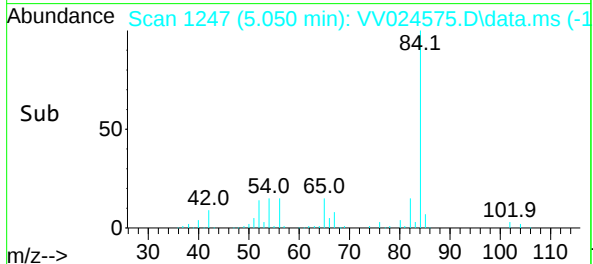
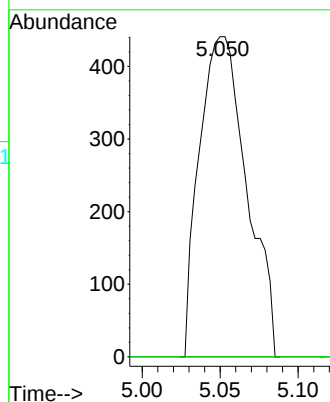
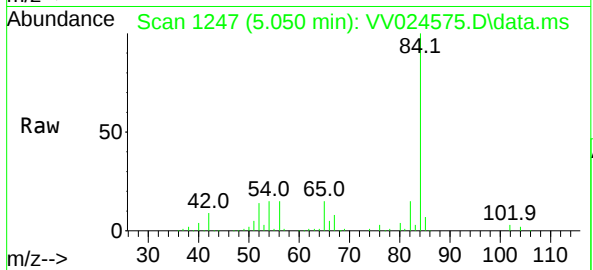




#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV024575.D
Acq: 10 Feb 2022 18:02

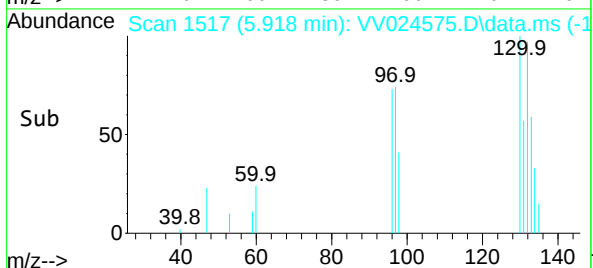
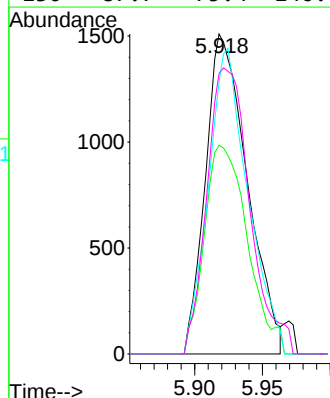
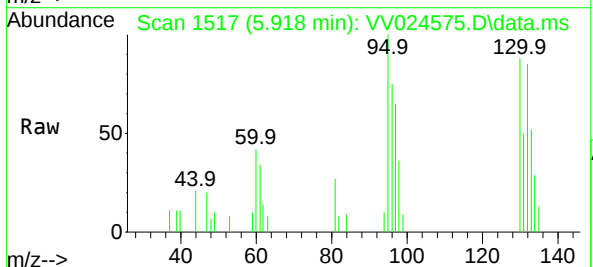
Instrument :
MSVOA_V
ClientSampleId :

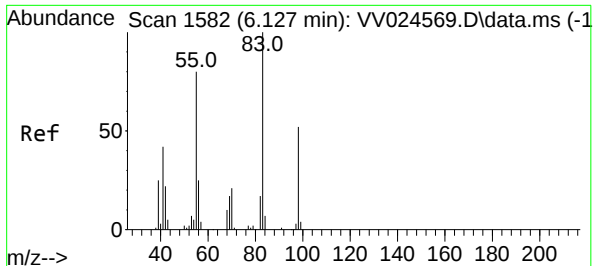
Tgt Ion: 62 Resp: 934
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#34
Trichloroethene
Concen: 0.234 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV024575.D
Acq: 10 Feb 2022 18:02

Tgt Ion: 95 Resp: 3232
Ion Ratio Lower Upper
95 100
97 65.2 45.2 84.0
132 85.1 76.1 141.3
130 87.7 75.4 140.0





#35

Methylcyclohexane

Concen: 0.600 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV024575.D

Acq: 10 Feb 2022 18:02

Instrument :

MSVOA_V

ClientSampleId :

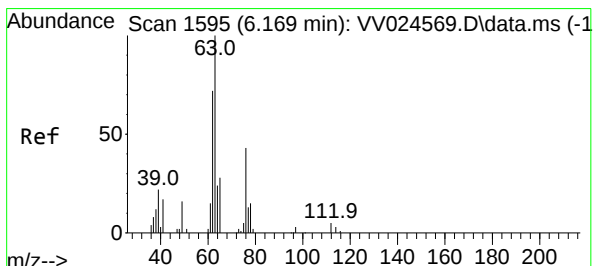
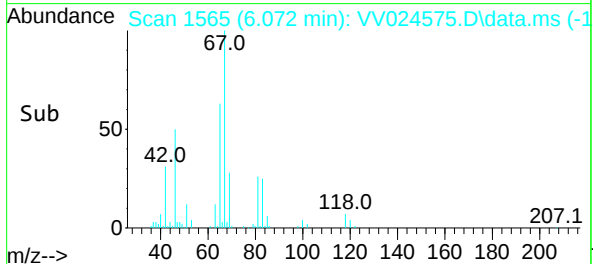
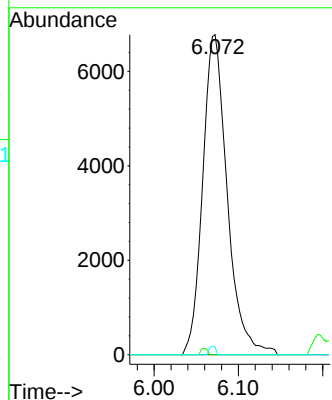
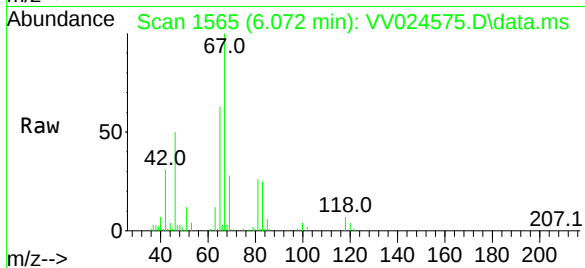
Tgt Ion: 83 Resp: 13735

Ion Ratio Lower Upper

83 100

55 0.5 60.2 90.2#

98 0.7 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV024575.D

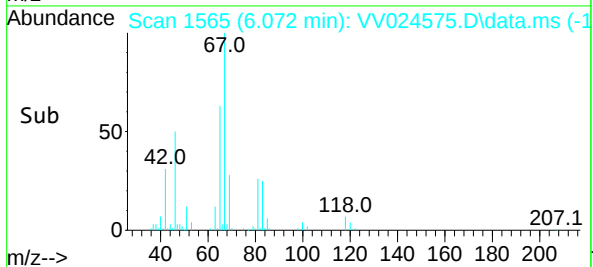
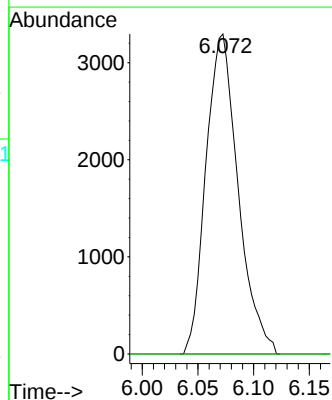
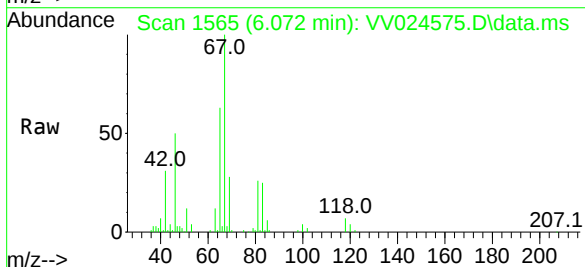
Acq: 10 Feb 2022 18:02

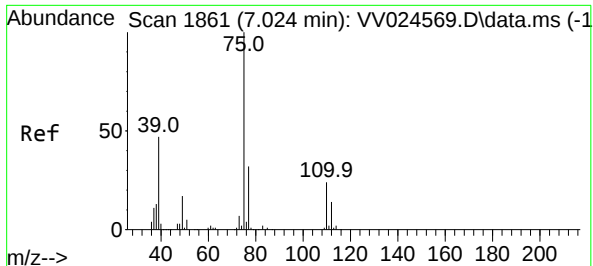
Tgt Ion: 63 Resp: 6633

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.039 min

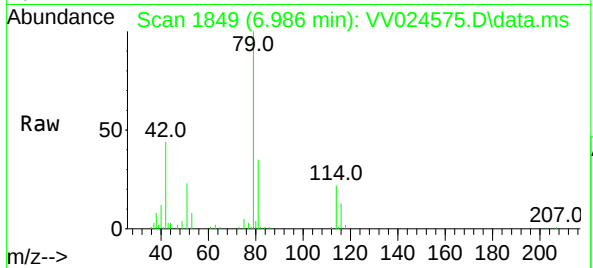
Lab File: VV024575.D

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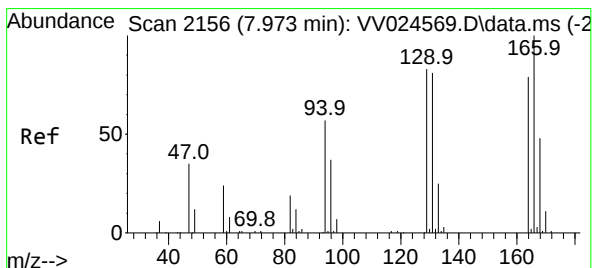
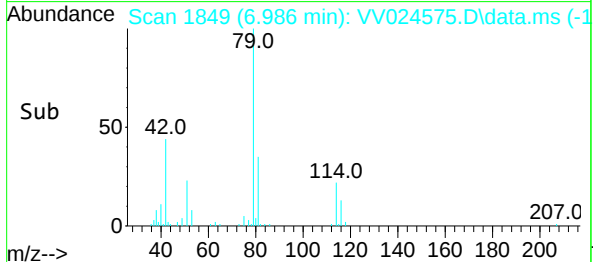
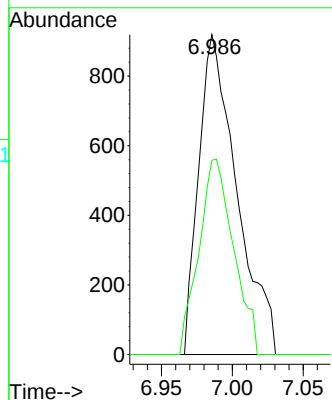


Tgt Ion: 75 Resp: 1715

Ion Ratio Lower Upper

75 100

77 60.7 22.0 41.0#



#47

Tetrachloroethene

Concen: 1.340 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024575.D

Acq: 10 Feb 2022 18:02

Tgt Ion: 164 Resp: 12307

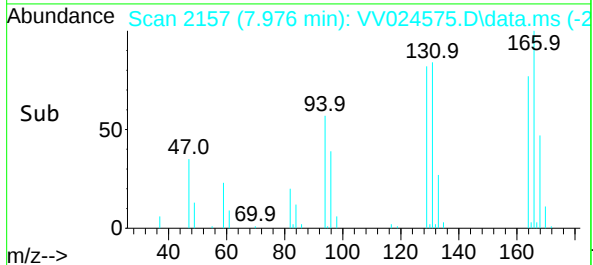
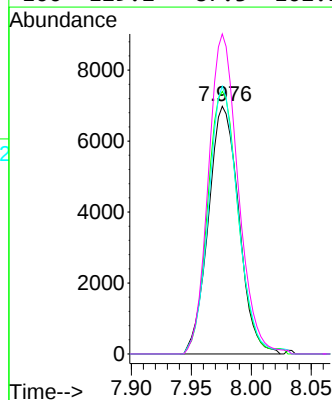
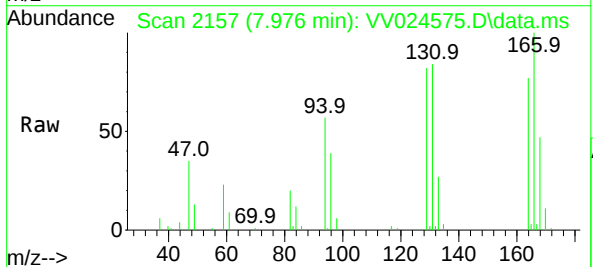
Ion Ratio Lower Upper

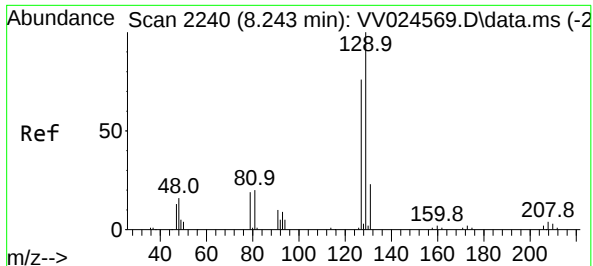
164 100

129 106.0 62.6 116.2

131 108.1 61.0 113.4

166 129.2 87.3 162.1





#49

Dibromochloromethane

Concen: 1.365 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024575.D

Acq: 10 Feb 2022 18:02

Instrument :

MSVOA_V

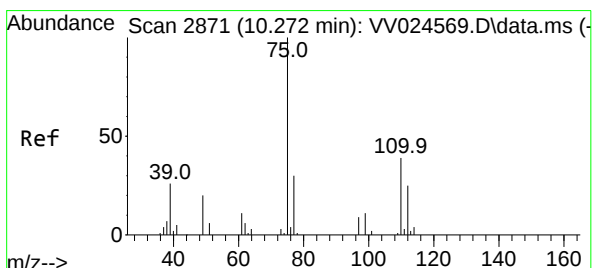
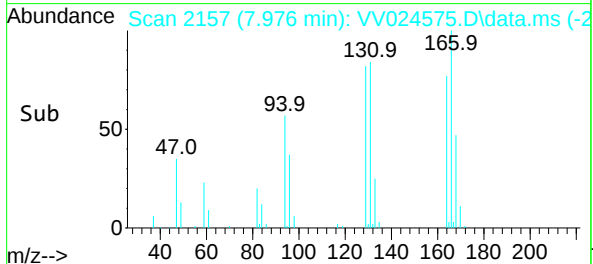
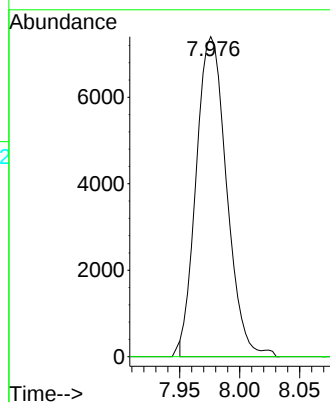
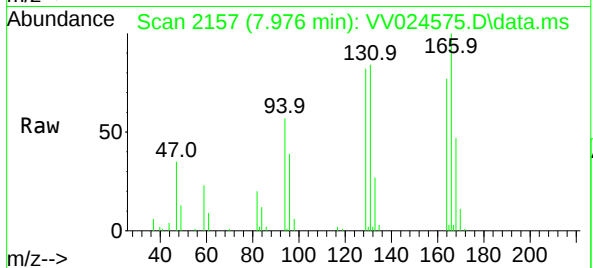
ClientSampleId :

Tgt Ion:129 Resp: 13013

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.496 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024575.D

Acq: 10 Feb 2022 18:02

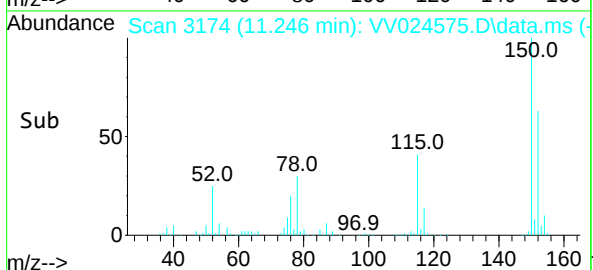
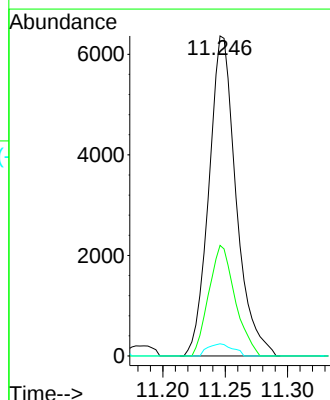
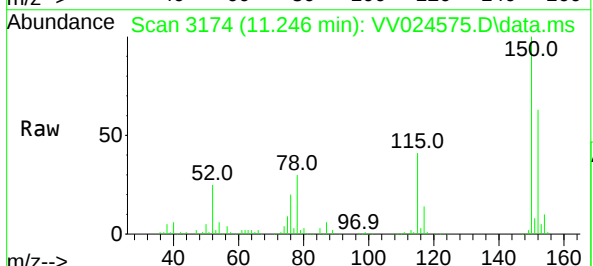
Tgt Ion: 75 Resp: 9649

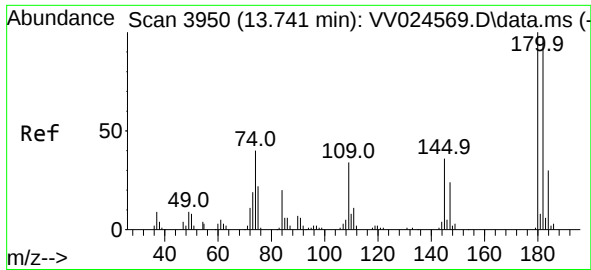
Ion Ratio Lower Upper

75 100

77 33.4 26.4 39.6

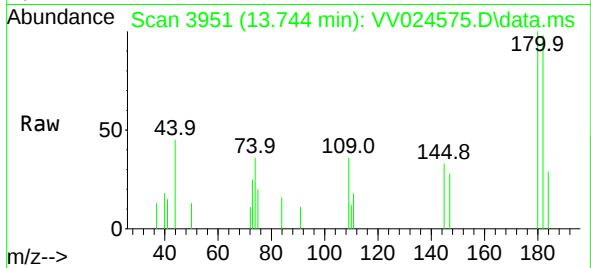
110 3.5 34.2 51.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.115 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV024575.D
 Acq: 10 Feb 2022 18:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.2	76.8	115.2
145	38.6	25.8	38.6

