

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024576.D
 Acq On : 10 Feb 2022 18:26
 Operator : SY/MD
 Sample : N1476-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:57:05 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)

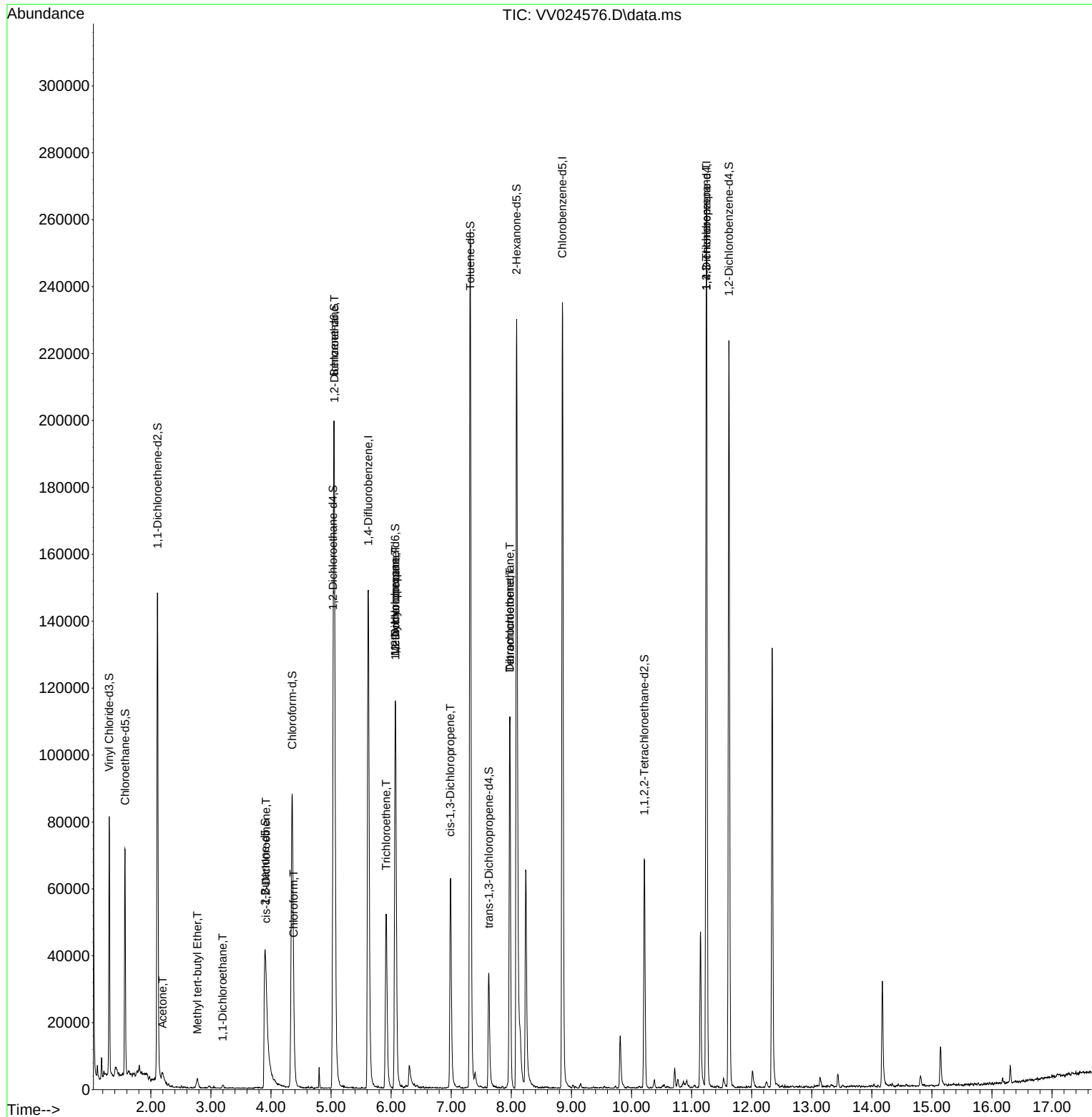
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46741	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.571	69	42218	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.111	63	74956	3.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.899	46	97463	54.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.620%
24) Chloroform-d	4.352	84	89593	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	43873	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	183000	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.069	67	57350	5.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.317	98	166523	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.625	79	21745	4.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.088	63	85025	53.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33452	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	51219	5.093	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
13) Acetone	2.195	43	6887	4.863	ug/L	100
17) Methyl tert-butyl Ether	2.774	73	2739	0.100	ug/L #	95
19) 1,1-Dichloroethane	3.195	63	1288	0.057	ug/L #	82
22) cis-1,2-Dichloroethene	3.915	96	1303	0.099	ug/L	100
25) Chloroform	4.378	83	5789	0.244	ug/L	96
27) 1,2-Dichloroethane	5.053	62	1035	0.080	ug/L #	73
34) Trichloroethene	5.915	95	18114	1.334	ug/L	86
35) Methylcyclohexane	6.069	83	13264	0.590	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6250	0.523	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1659	0.091	ug/L #	69
47) Tetrachloroethene	7.976	164	22168	2.460	ug/L	90
49) Dibromochloromethane	7.976	129	22608	2.416	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8833	1.436	ug/L #	64

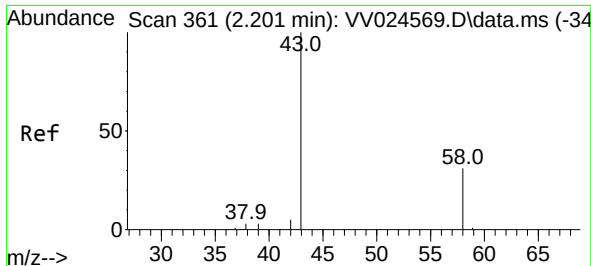
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 11 23:54:44 2022
Response via : Initial Calibration





#13

Acetone

Concen: 4.863 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

Instrument :

MSVOA_V

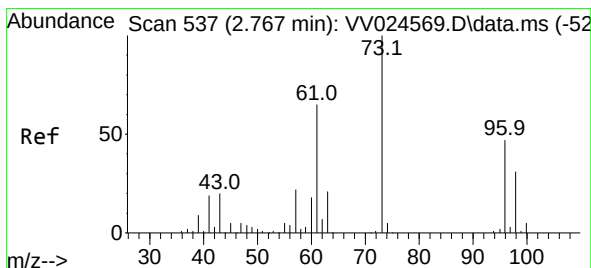
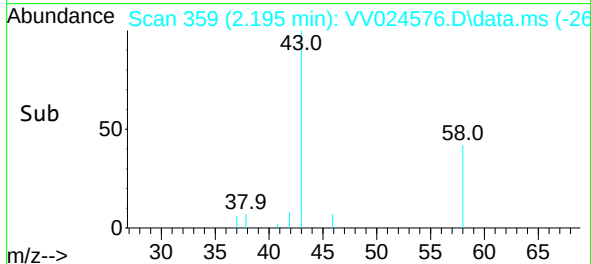
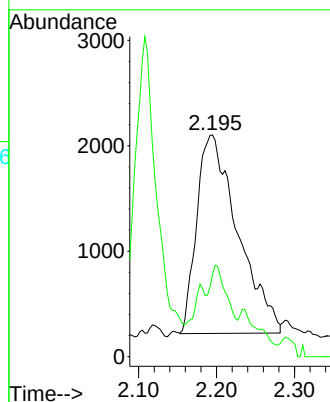
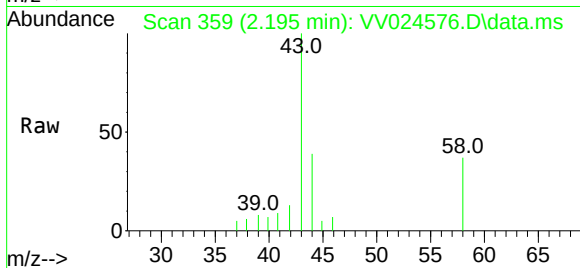
ClientSampleId :

Tgt Ion: 43 Resp: 6887

Ion Ratio Lower Upper

43 100

58 20.9 0.0 41.4



#17

Methyl tert-butyl Ether

Concen: 0.100 ug/L

RT: 2.774 min Scan# 539

Delta R.T. 0.006 min

Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

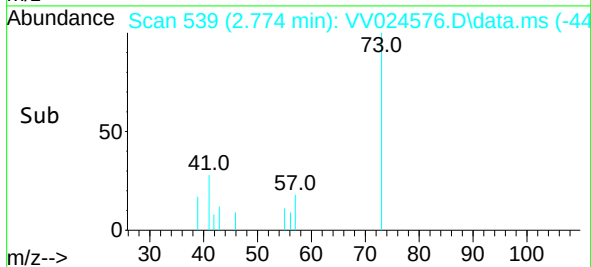
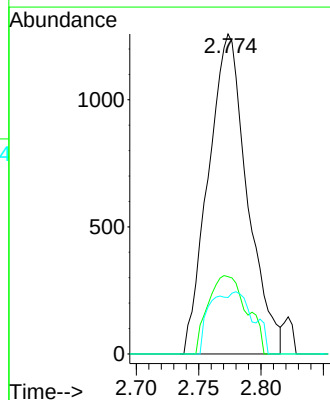
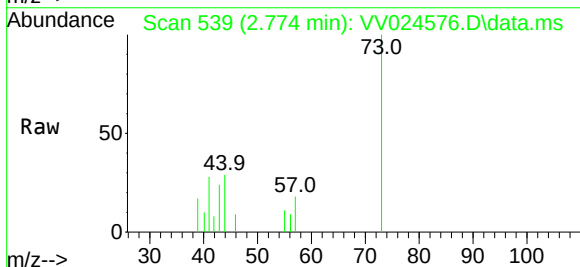
Tgt Ion: 73 Resp: 2739

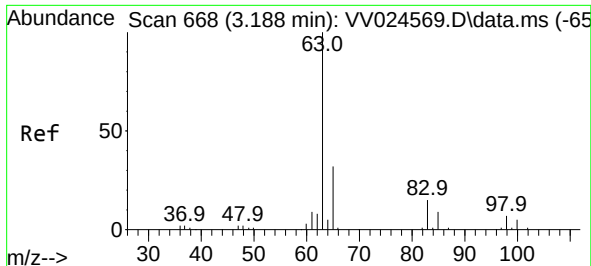
Ion Ratio Lower Upper

73 100

43 24.2 15.5 23.3#

57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 0.057 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :

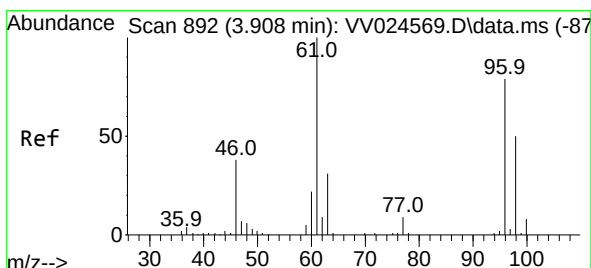
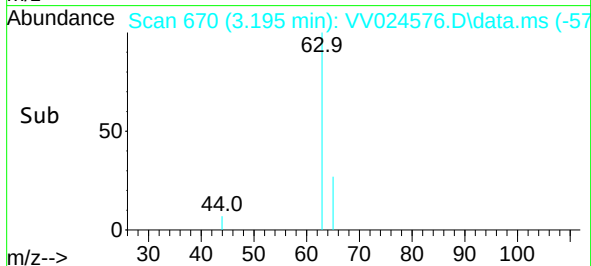
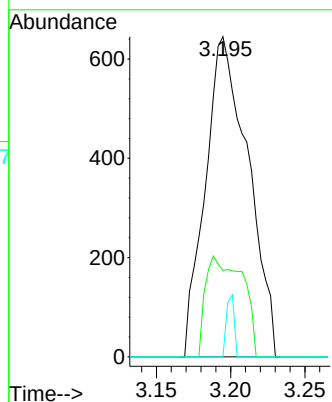
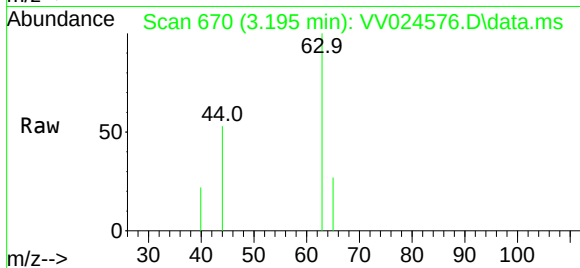
Tgt Ion: 63 Resp: 1288

Ion Ratio Lower Upper

63 100

65 27.0 22.3 41.3

83 0.0 10.7 19.9#



#22

cis-1,2-Dichloroethene

Concen: 0.099 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

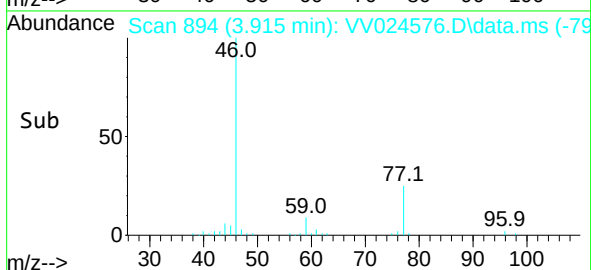
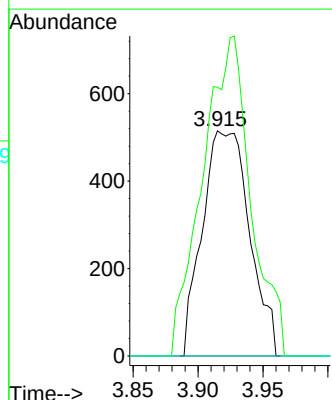
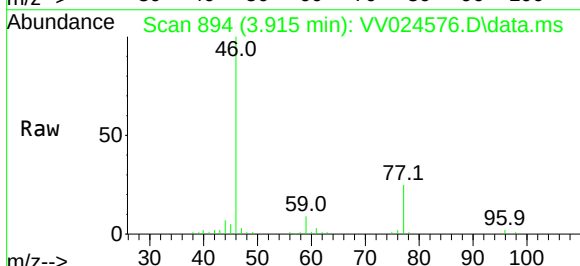
Tgt Ion: 96 Resp: 1303

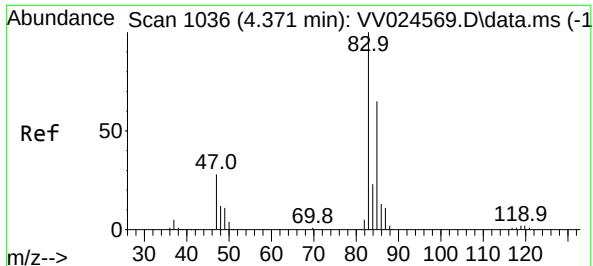
Ion Ratio Lower Upper

96 100

61 119.4 83.4 154.8

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.244 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

Instrument :

MSVOA_V

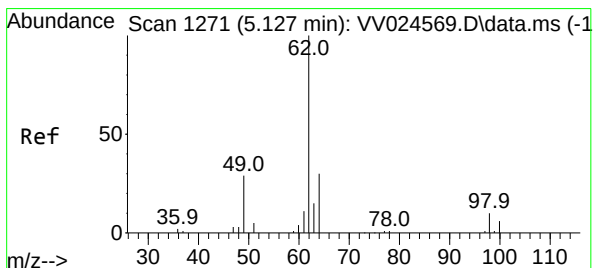
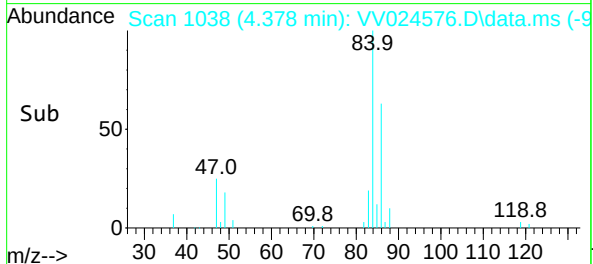
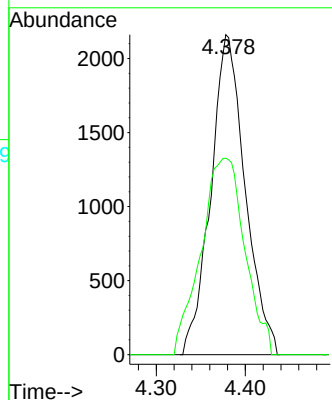
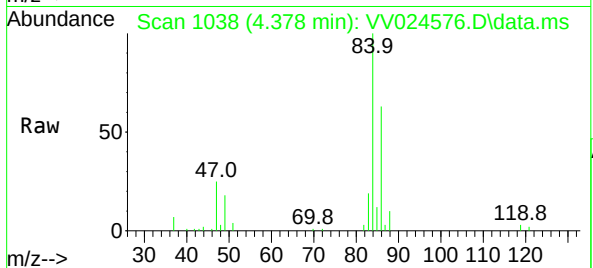
ClientSampleId :

Tgt Ion: 83 Resp: 5789

Ion Ratio Lower Upper

83 100

85 61.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV024576.D

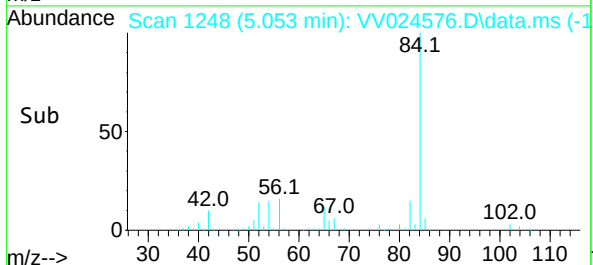
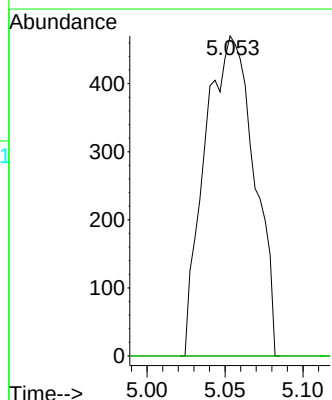
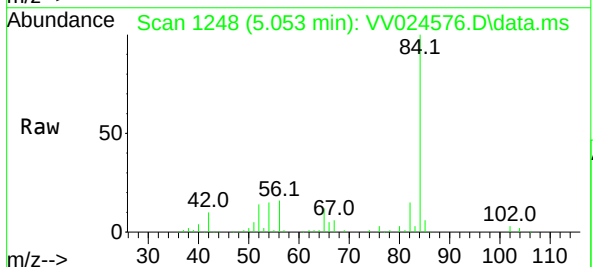
Acq: 10 Feb 2022 18:26

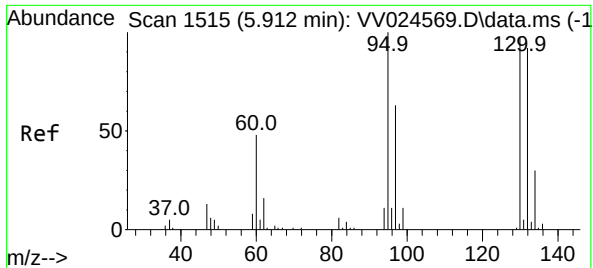
Tgt Ion: 62 Resp: 1035

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



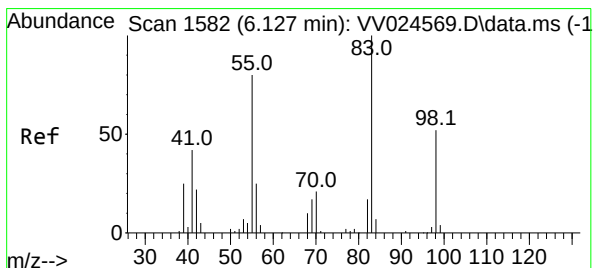
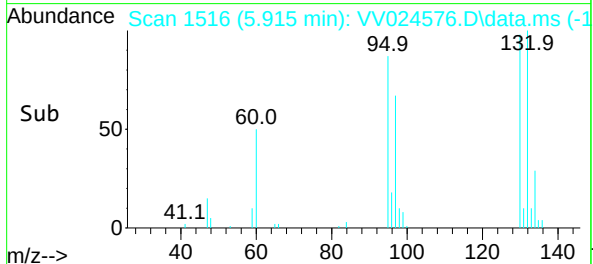
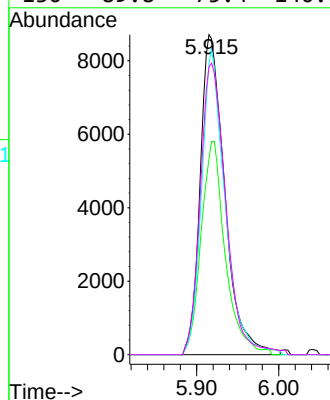
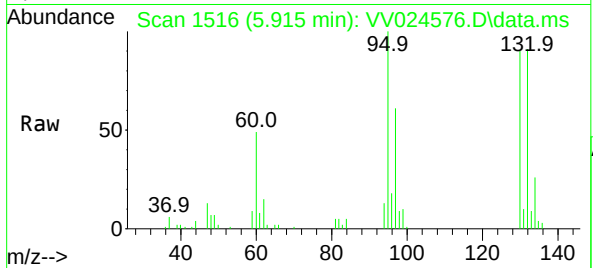


#34
Trichloroethene
Concen: 1.334 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024576.D
Acq: 10 Feb 2022 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 18114

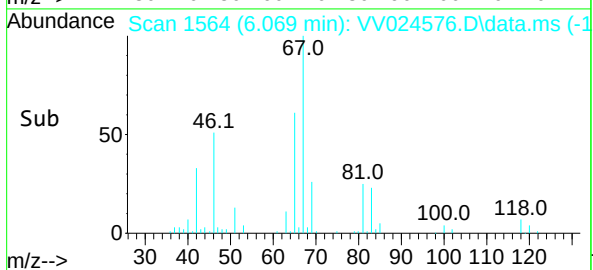
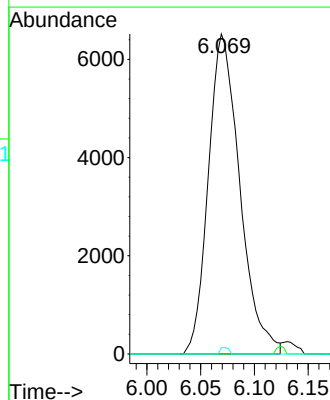
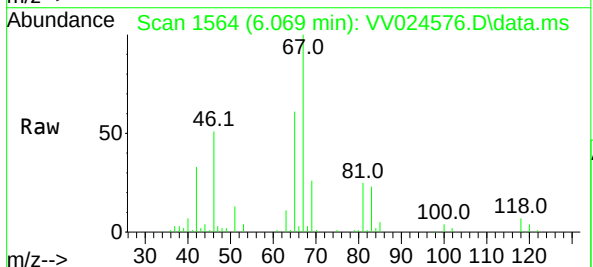
Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.2	84.0
132	91.3	76.1	141.3
130	89.8	75.4	140.0

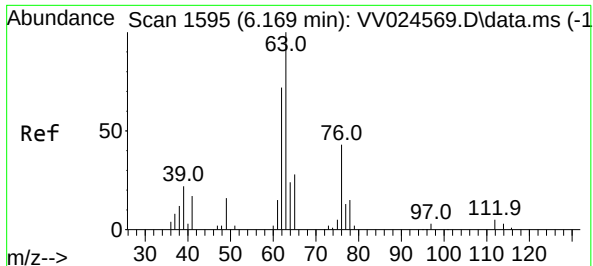


#35
Methylcyclohexane
Concen: 0.590 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024576.D
Acq: 10 Feb 2022 18:26

Tgt Ion: 83 Resp: 13264

Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.2	90.2#
98	0.5	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

Instrument :

MSVOA_V

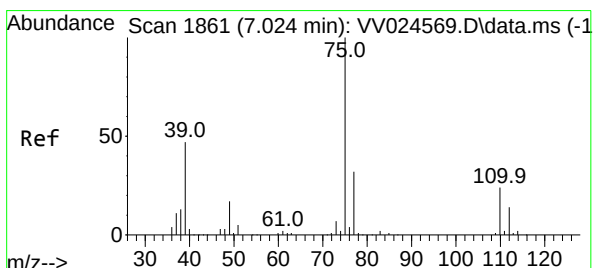
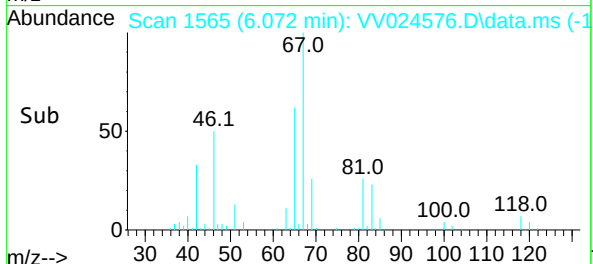
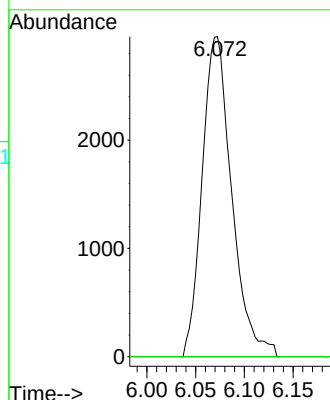
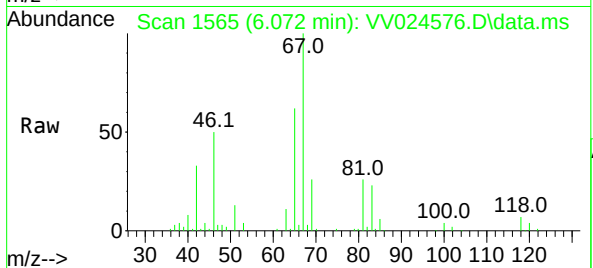
ClientSampleId :

Tgt Ion: 63 Resp: 6250

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024576.D

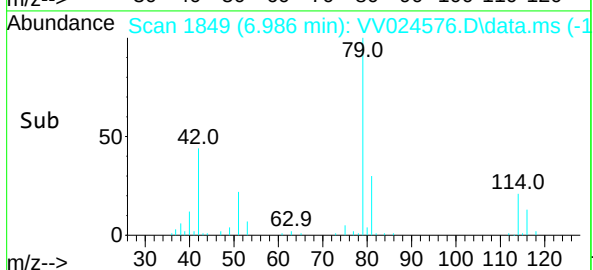
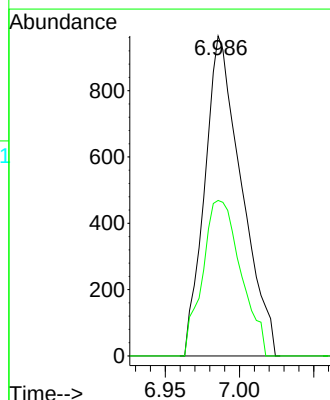
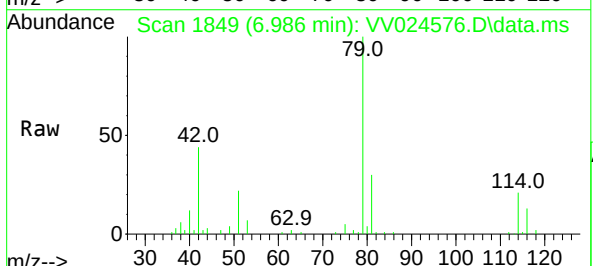
Acq: 10 Feb 2022 18:26

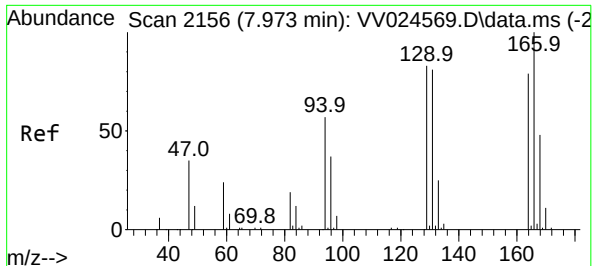
Tgt Ion: 75 Resp: 1659

Ion Ratio Lower Upper

75 100

77 48.6 22.0 41.0#





#47

Tetrachloroethene

Concen: 2.460 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

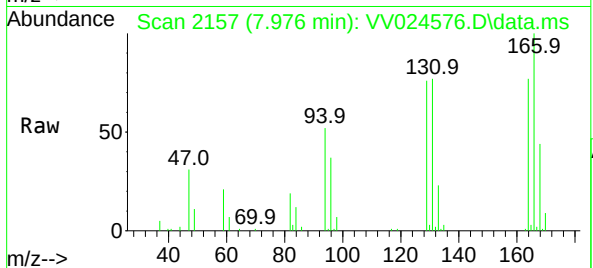
Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 22168

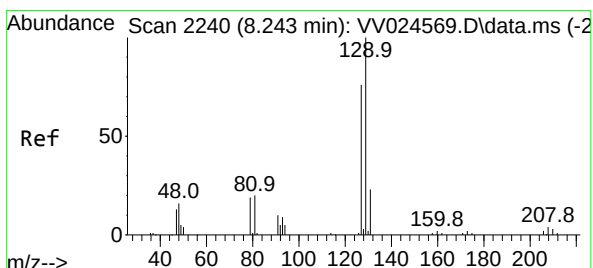
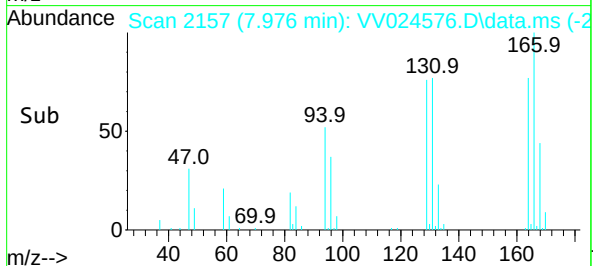
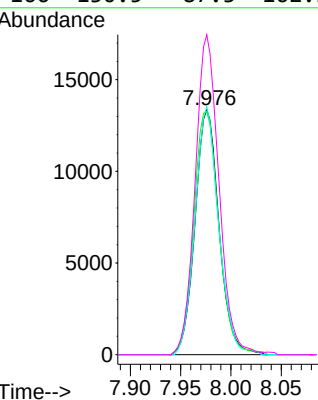
Ion Ratio Lower Upper

164 100

129 99.2 62.6 116.2

131 101.1 61.0 113.4

166 130.5 87.3 162.1



#49

Dibromochloromethane

Concen: 2.416 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024576.D

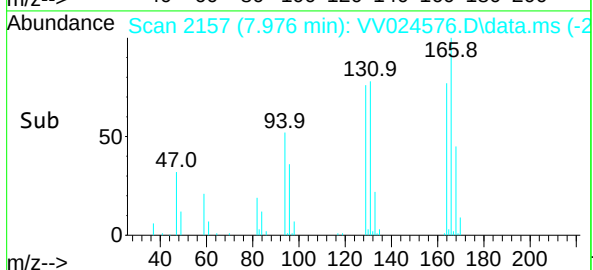
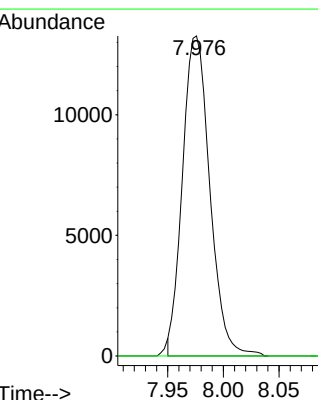
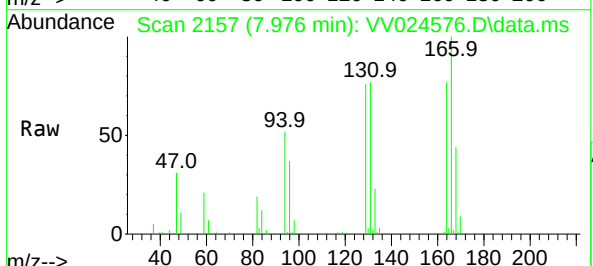
Acq: 10 Feb 2022 18:26

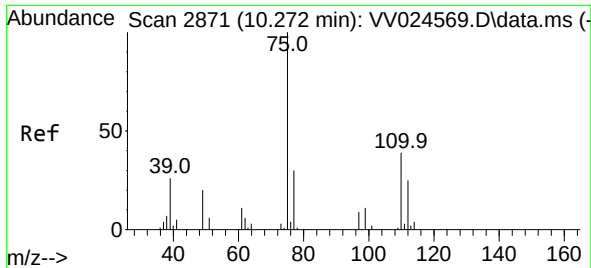
Tgt Ion:129 Resp: 22608

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.436 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

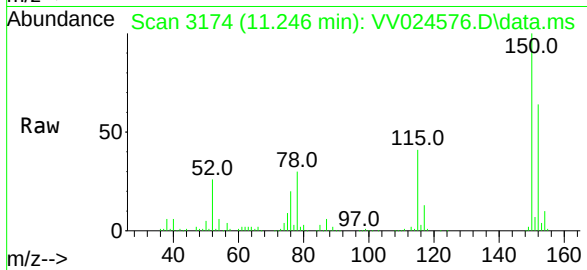
Lab File: VV024576.D

Acq: 10 Feb 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8833

Ion Ratio Lower Upper

75 100

77 32.7 26.4 39.6

110 2.0 34.2 51.2#

