

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024656.D
 Acq On : 14 Feb 2022 17:13
 Operator : SY/MD
 Sample : N1475-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:29:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

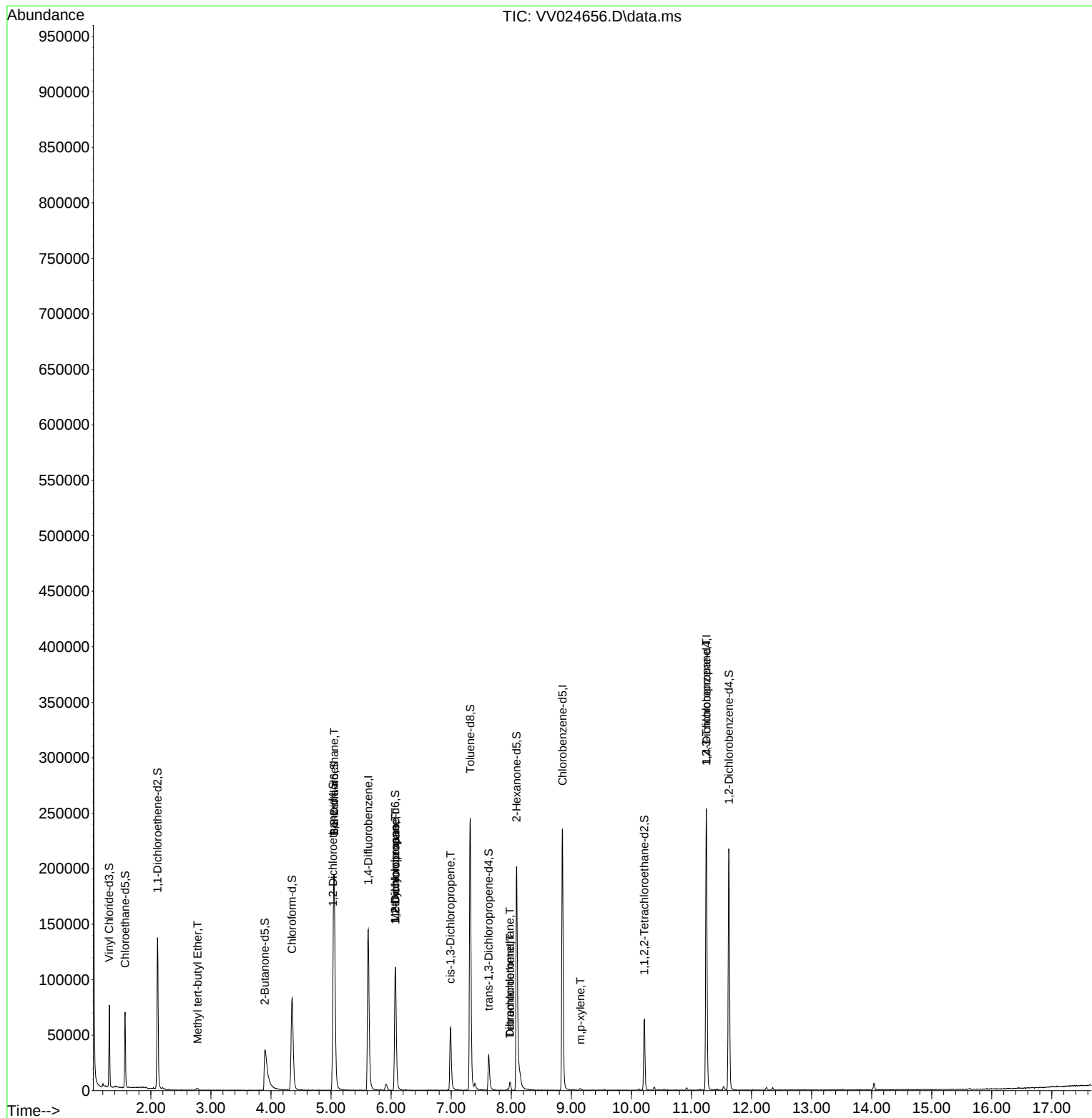
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45357	4.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.571	69	42806	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.111	63	74226	3.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.899	46	92185	52.388	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.780%
24) Chloroform-d	4.352	84	88291	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	42519	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.053	84	182147	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.069	67	55762	5.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.317	98	162653	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.625	79	19388	4.305	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	73860	46.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31918	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51978	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.777	73	1515	0.056	ug/L #	91
27) 1,2-Dichloroethane	5.053	62	968	0.076	ug/L #	73
35) Methylcyclohexane	6.069	83	12979	0.578	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6499	0.544	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1584	0.087	ug/L #	75
47) Tetrachloroethene	7.982	164	1560	0.173	ug/L	85
49) Dibromochloromethane	7.979	129	1614	0.173	ug/L #	11
53) m,p-xylene	9.153	106	713	0.031	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	8729	1.451	ug/L #	63

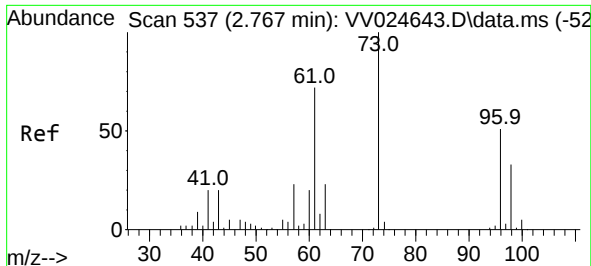
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.056 ug/L

RT: 2.777 min Scan# 54

Delta R.T. 0.010 min

Lab File: VV024656.D

Acq: 14 Feb 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

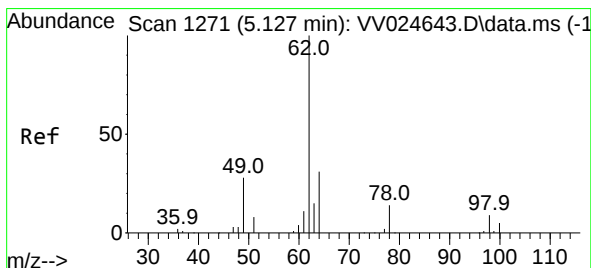
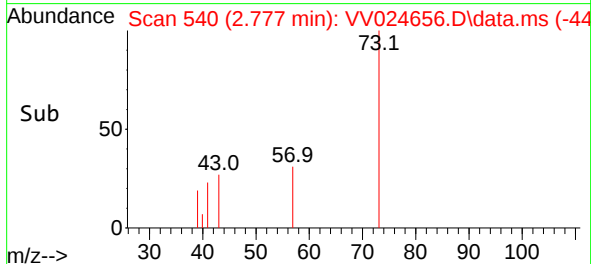
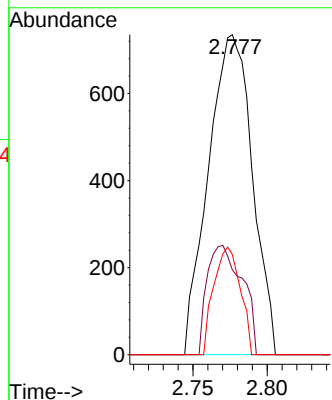
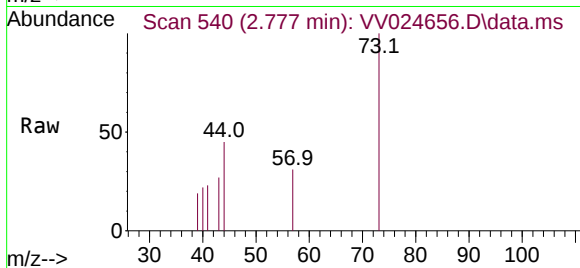
Tgt Ion: 73 Resp: 1515

Ion Ratio Lower Upper

73 100

43 27.1 15.5 23.3#

57 20.3 17.1 25.7



#27

1,2-Dichloroethane

Concen: 0.076 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV024656.D

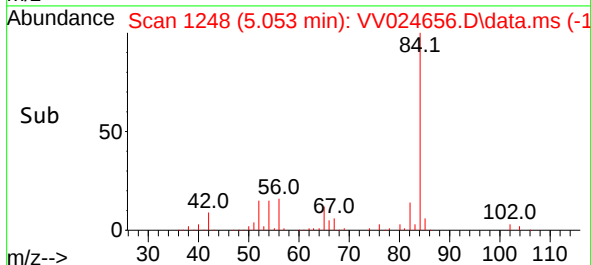
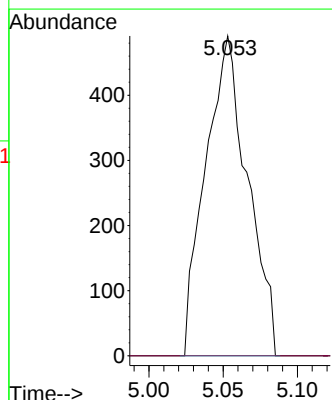
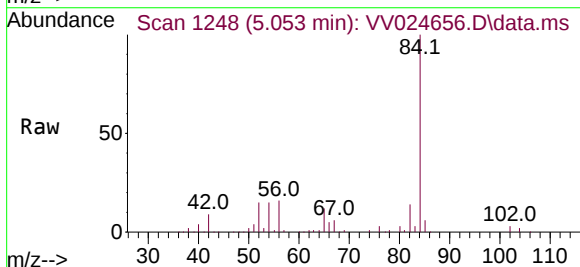
Acq: 14 Feb 2022 17:13

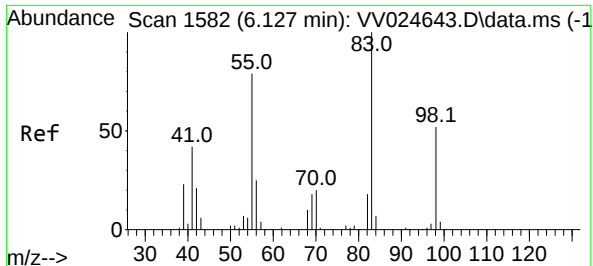
Tgt Ion: 62 Resp: 968

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.578 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV024656.D

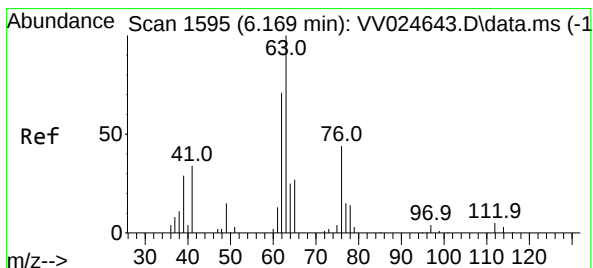
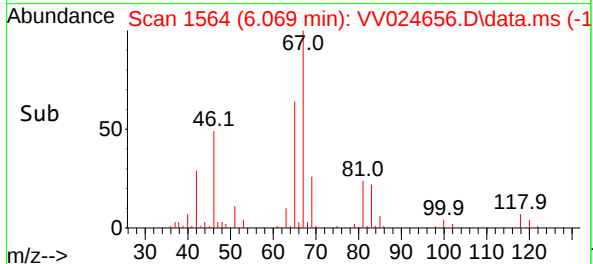
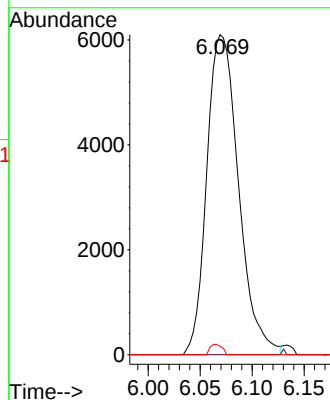
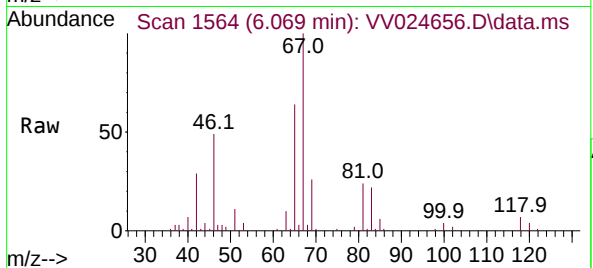
Acq: 14 Feb 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12979
Ion Ratio	Lower Upper
83 100	
55 0.2	60.2 90.2#
98 1.2	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.544 ug/L

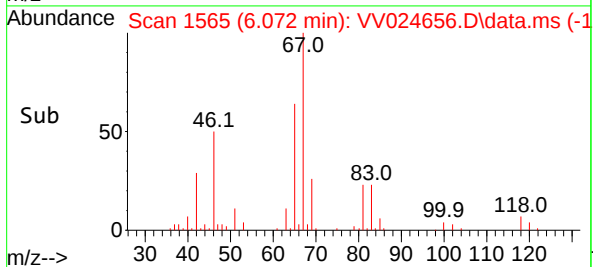
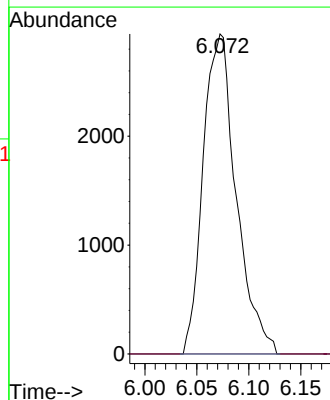
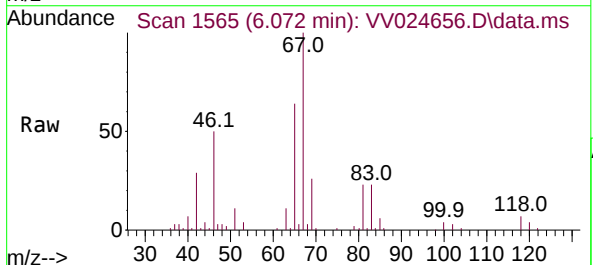
RT: 6.072 min Scan# 1565

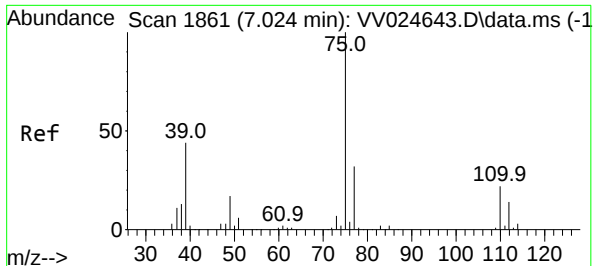
Delta R.T. -0.097 min

Lab File: VV024656.D

Acq: 14 Feb 2022 17:13

Tgt Ion: 63	Resp: 6499
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024656.D

Acq: 14 Feb 2022 17:13

Instrument :

MSVOA_V

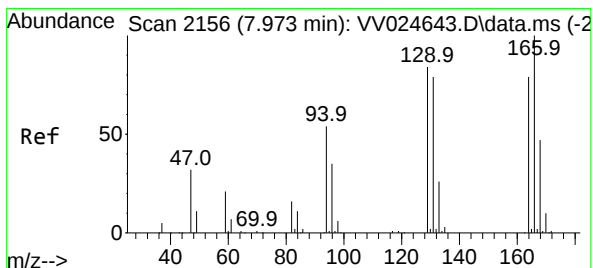
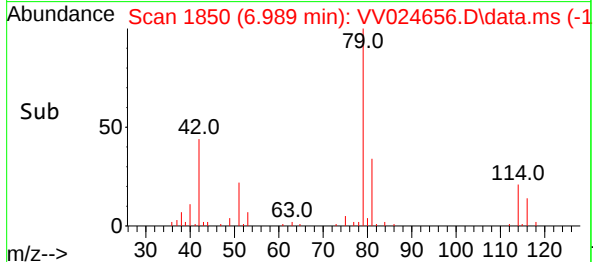
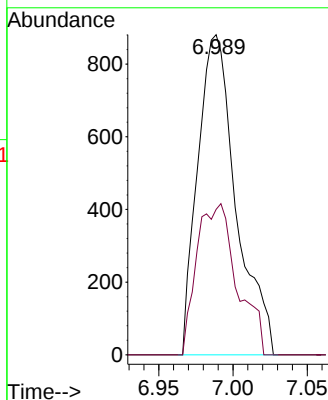
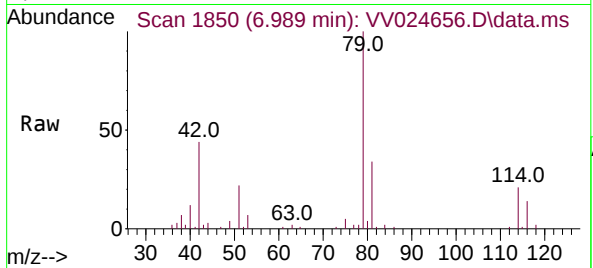
ClientSampleId :

Tgt Ion: 75 Resp: 1584

Ion Ratio Lower Upper

75 100

77 45.4 22.0 41.0#



#47

Tetrachloroethene

Concen: 0.173 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV024656.D

Acq: 14 Feb 2022 17:13

Tgt Ion: 164 Resp: 1560

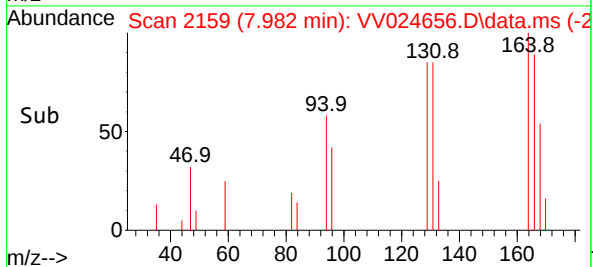
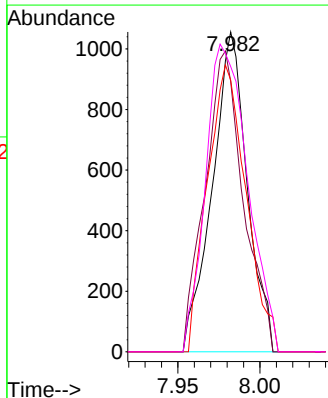
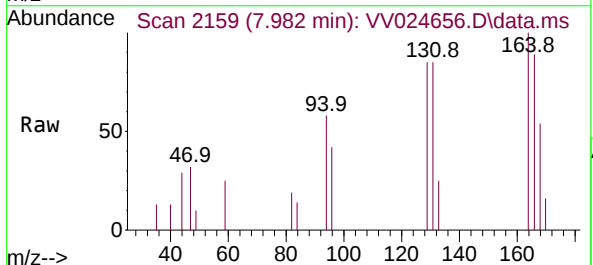
Ion Ratio Lower Upper

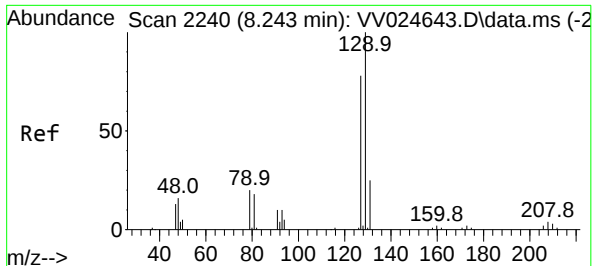
164 100

129 84.6 62.6 116.2

131 84.9 61.0 113.4

166 89.2 87.3 162.1





#49

Dibromochloromethane

Concen: 0.173 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024656.D

Acq: 14 Feb 2022 17:13

Instrument :

MSVOA_V

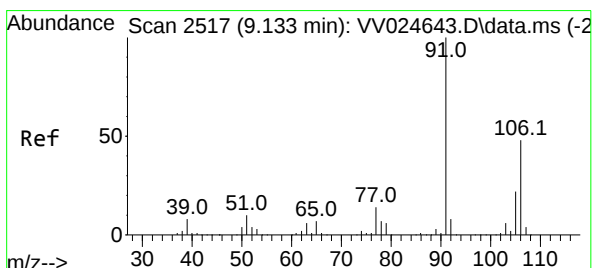
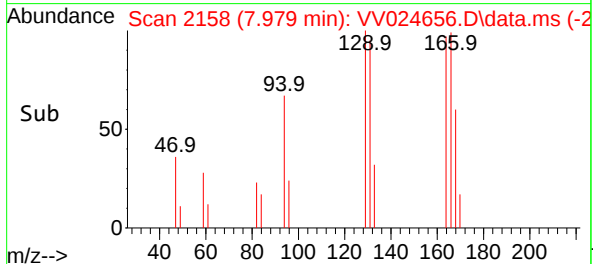
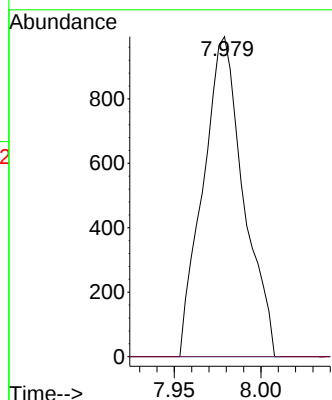
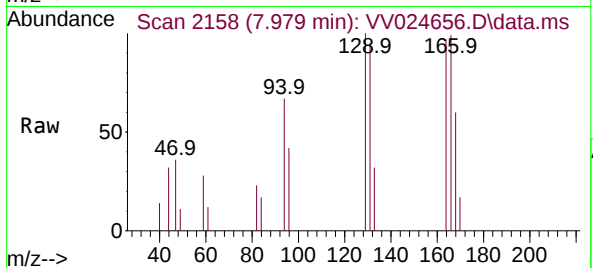
ClientSampleId :

Tgt Ion:129 Resp: 1614

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#53

m,p-xylene

Concen: 0.031 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.019 min

Lab File: VV024656.D

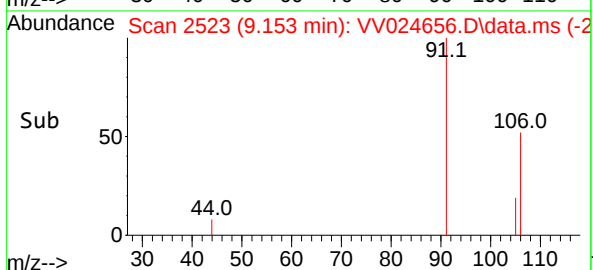
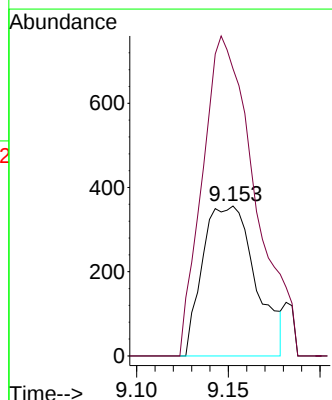
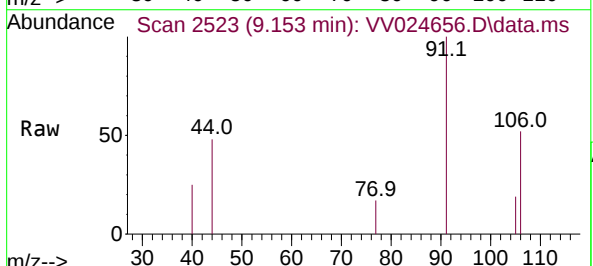
Acq: 14 Feb 2022 17:13

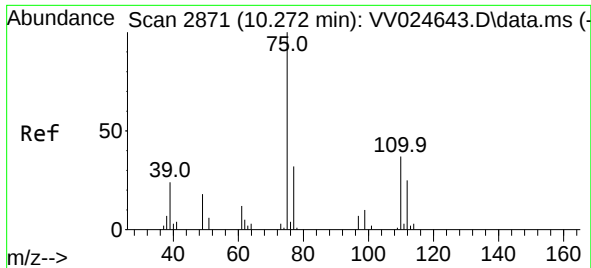
Tgt Ion:106 Resp: 713

Ion Ratio Lower Upper

106 100

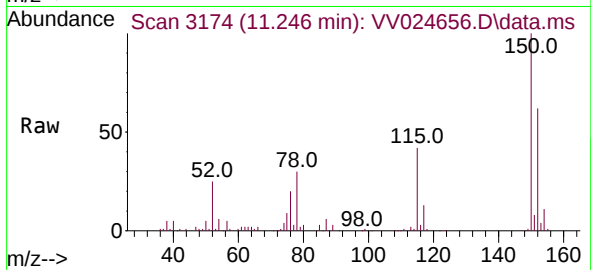
91 191.6 139.5 259.1





#61
 1,2,3-Trichloropropane
 Concen: 1.451 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024656.D
 Acq: 14 Feb 2022 17:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8729

Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.4	39.6
110	2.3	34.2	51.2#

