

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024648.D
 Acq On : 14 Feb 2022 14:06
 Operator : SY/MD
 Sample : N1476-09DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:27:42 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	5.616	114	118657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	46932	4.718	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.571	69	46704	5.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.105	63	79136	3.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.896	46	96235	58.284	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.560%
24) Chloroform-d	4.349	84	91106	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.034	65	44464	5.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.050	84	193955	5.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
36) 1,2-Dichloropropane-d6	6.069	67	59010	5.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.000%
41) Toluene-d8	7.314	98	176325	5.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	7.625	79	20636	4.889	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.092	63	83298	56.019	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33739	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54812	5.585	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	439	0.043	ug/L	86
12) 1,1-Dichloroethene	2.118	96	2240	0.182	ug/L #	1
16) Methylene chloride	2.507	84	3303	0.271	ug/L	93
17) Methyl tert-butyl Ether	2.777	73	2788	0.110	ug/L #	94
19) 1,1-Dichloroethane	3.195	63	3059	0.147	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	6070	0.499	ug/L	97
25) Chloroform	4.378	83	3671	0.168	ug/L	92
27) 1,2-Dichloroethane	5.053	62	1110	0.093	ug/L #	73
29) 1,1,1-Trichloroethane	4.613	97	904	0.047	ug/L #	81
34) Trichloroethene	5.915	95	75373	5.922	ug/L	87
35) Methylcyclohexane	6.069	83	13812	0.656	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6643	0.593	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1712	0.100	ug/L #	57
47) Tetrachloroethene	7.976	164	28016	3.318	ug/L	87
49) Dibromochloromethane	7.976	129	28705	3.274	ug/L #	11
53) m,p-xylene	9.143	106	1110	0.052	ug/L	87
61) 1,2,3-Trichloropropane	11.246	75	8664	1.444	ug/L #	64

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 15 06:26:19 2022
Response via : Initial Calibration

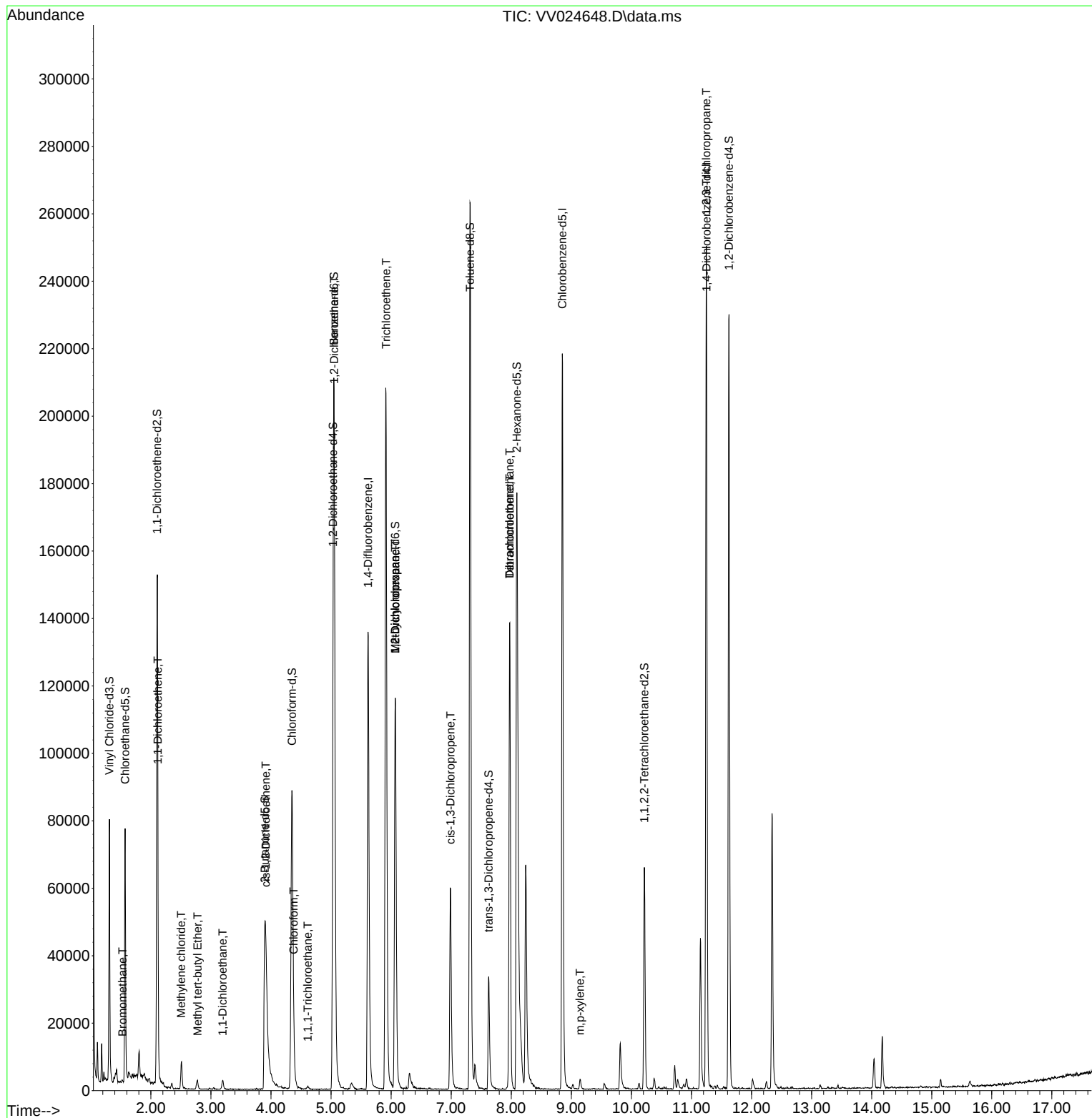
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

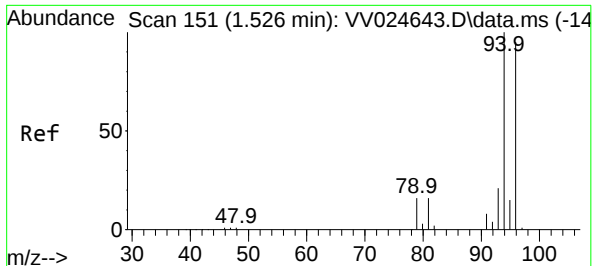
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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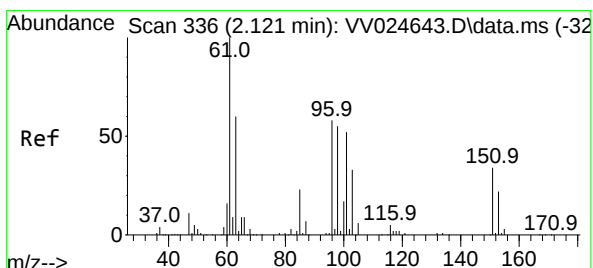
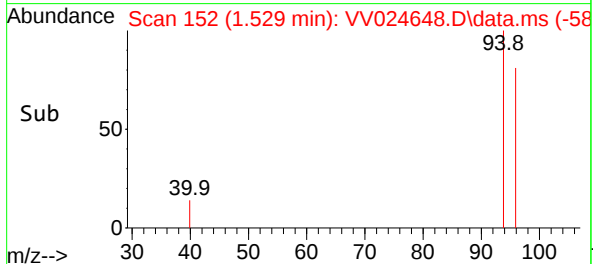
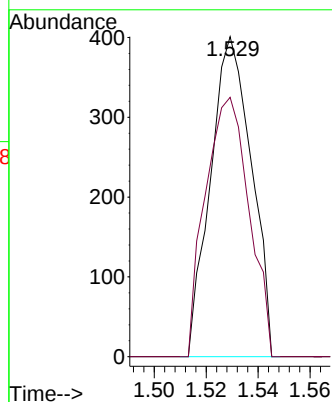
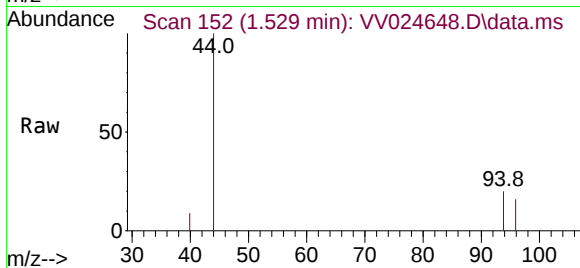




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024648.D
Acq: 14 Feb 2022 14:06

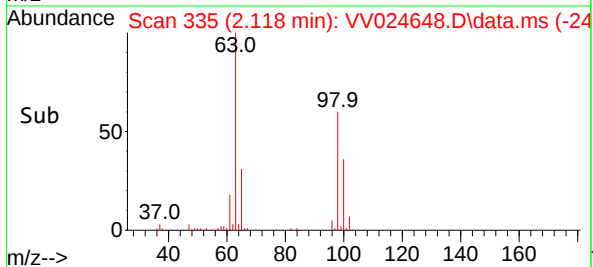
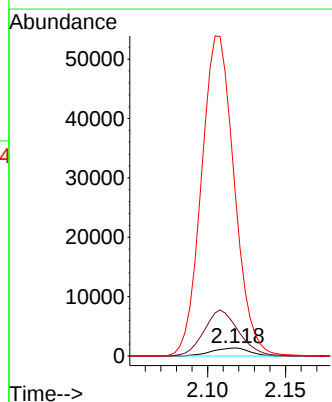
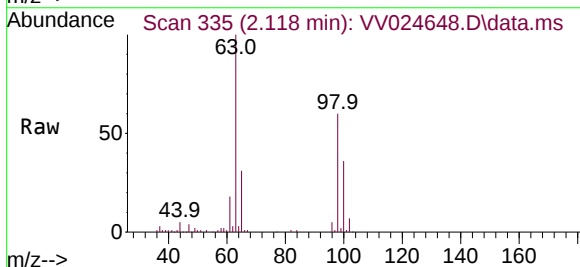
Instrument :
MSVOA_V
ClientSampleId :

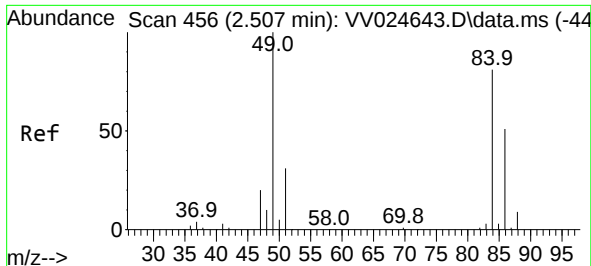
Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 81.0 66.2 123.0



#12
1,1-Dichloroethene
Concen: 0.182 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV024648.D
Acq: 14 Feb 2022 14:06

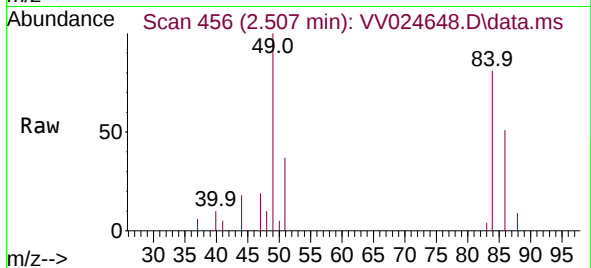
Tgt Ion: 96 Resp: 2240
Ion Ratio Lower Upper
96 100
61 374.8 116.1 215.5#
63 2060.4 79.4 147.4#





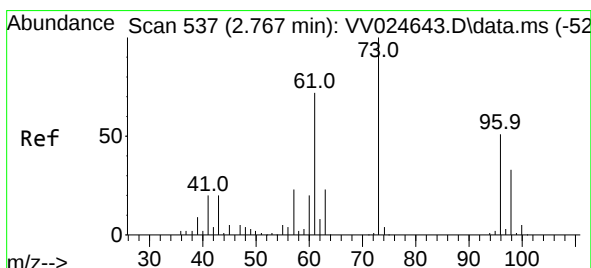
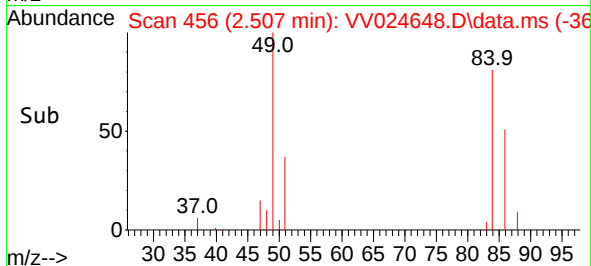
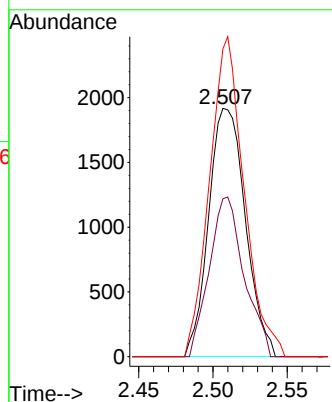
#16
Methylene chloride
Concen: 0.271 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024648.D
Acq: 14 Feb 2022 14:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3303

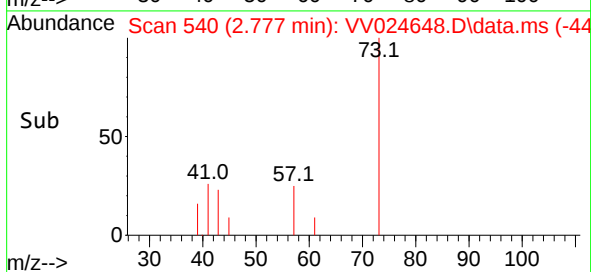
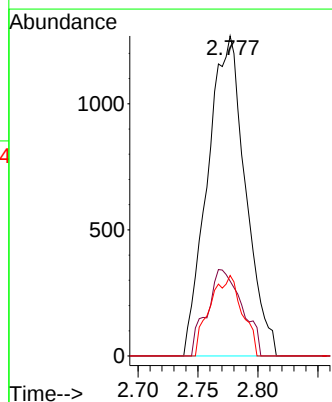
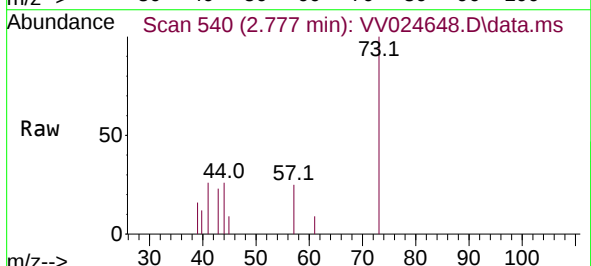
Ion	Ratio	Lower	Upper
84	100		
86	63.6	42.6	79.0
49	124.0	79.7	147.9

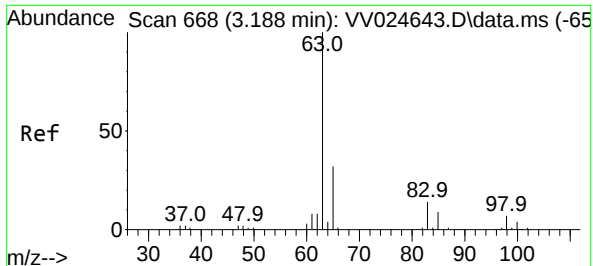


#17
Methyl tert-butyl Ether
Concen: 0.110 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV024648.D
Acq: 14 Feb 2022 14:06

Tgt Ion: 73 Resp: 2788

Ion	Ratio	Lower	Upper
73	100		
43	25.0	15.5	23.3
57	21.4	17.1	25.7





#19

1,1-Dichloroethane

Concen: 0.147 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV024648.D

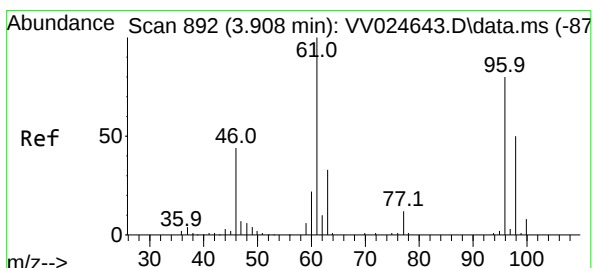
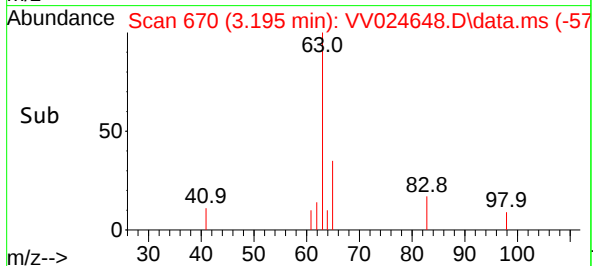
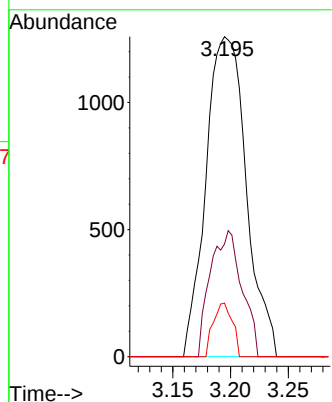
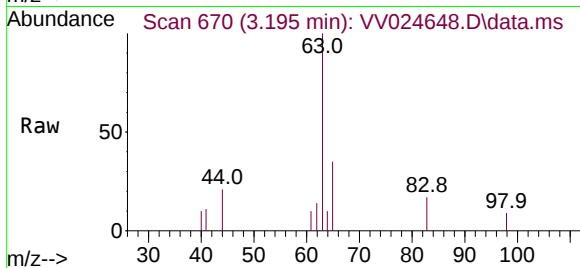
Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 3059
Ion Ratio	Lower Upper
63 100	
65 35.2	22.3 41.3
83 16.8	10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 0.499 ug/L

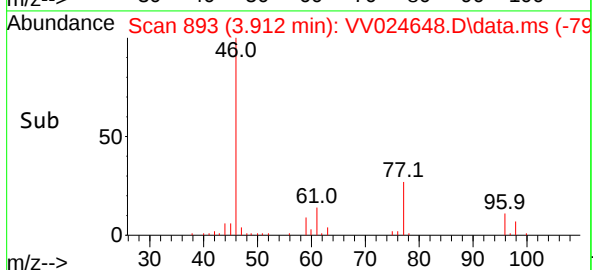
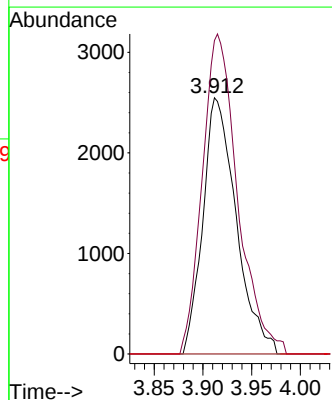
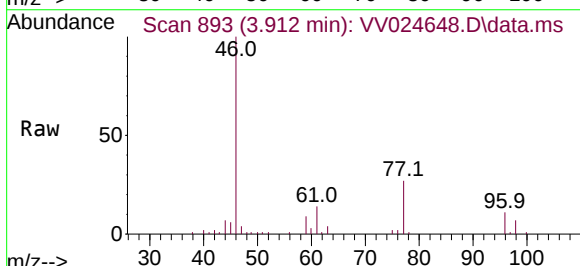
RT: 3.912 min Scan# 893

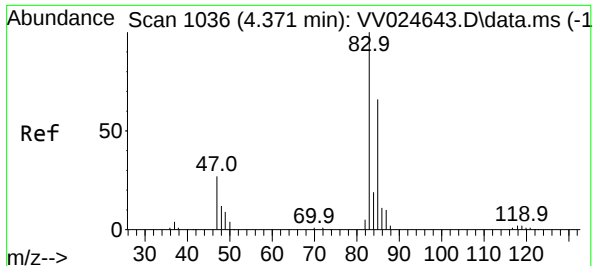
Delta R.T. 0.003 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Tgt Ion: 96	Resp: 6070
Ion Ratio	Lower Upper
96 100	
61 122.4	83.4 154.8
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.168 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

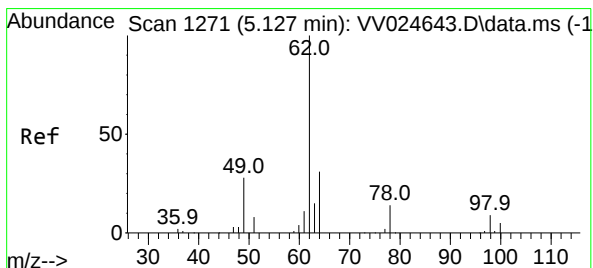
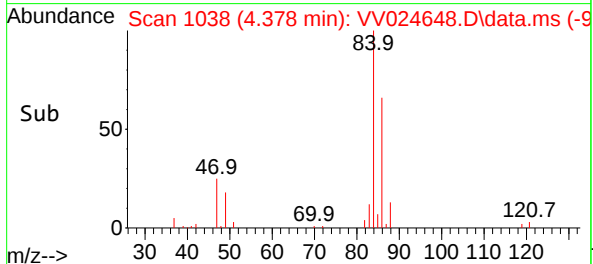
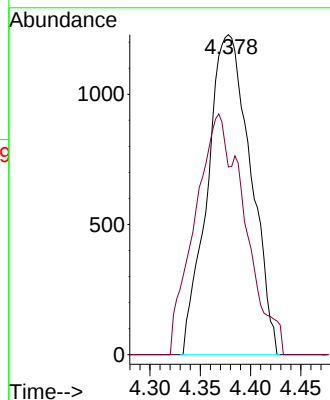
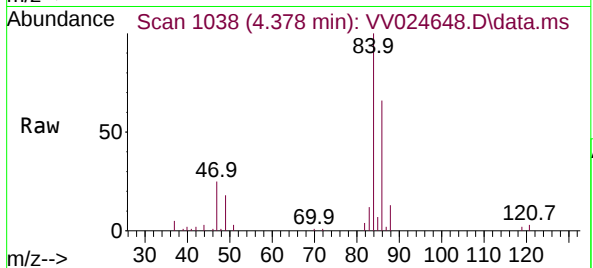
ClientSampleId :

Tgt Ion: 83 Resp: 3671

Ion Ratio Lower Upper

83 100

85 58.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV024648.D

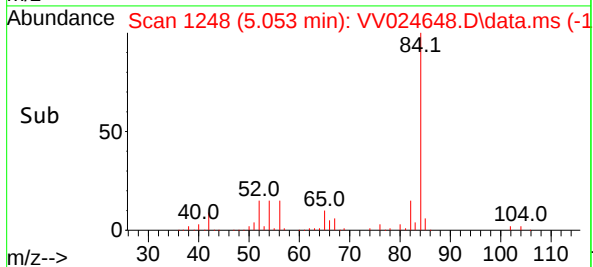
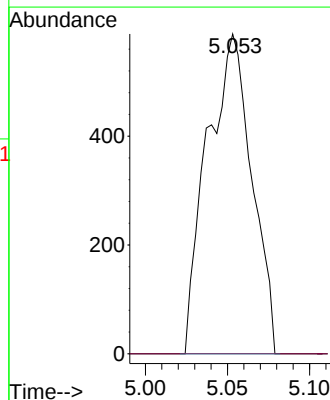
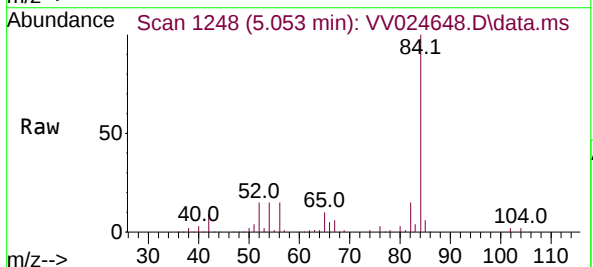
Acq: 14 Feb 2022 14:06

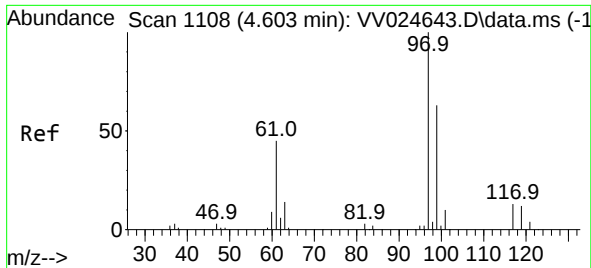
Tgt Ion: 62 Resp: 1110

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 0.047 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV024648.D

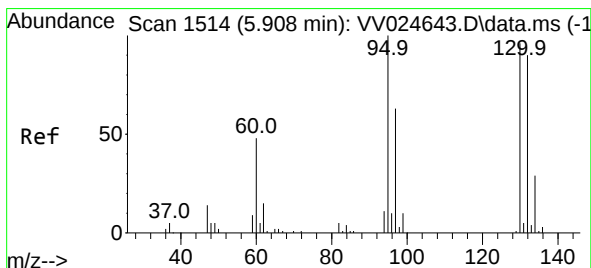
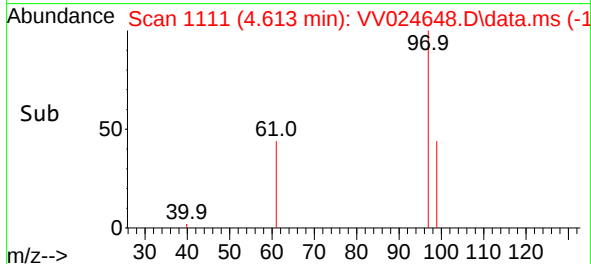
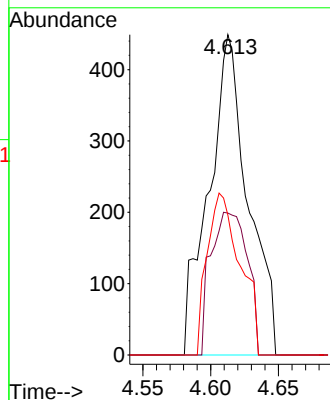
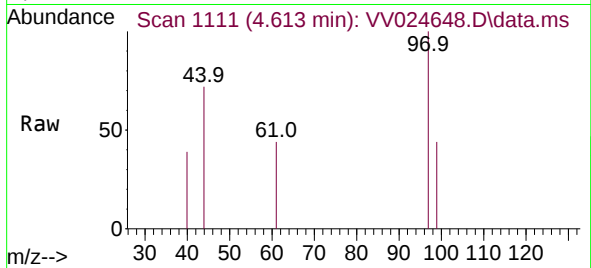
Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 904
Ion Ratio	Lower Upper
97 100	
99 41.5	51.9 77.9#
61 42.5	33.2 49.8



#34

Trichloroethene

Concen: 5.922 ug/L

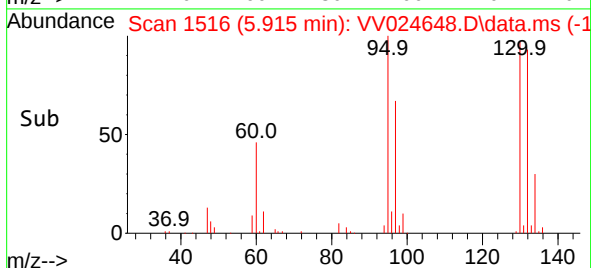
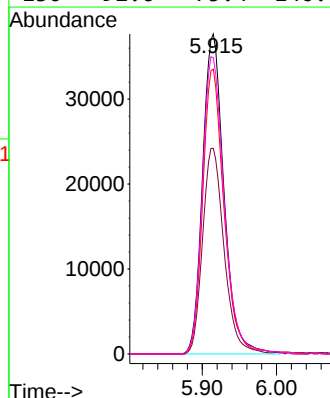
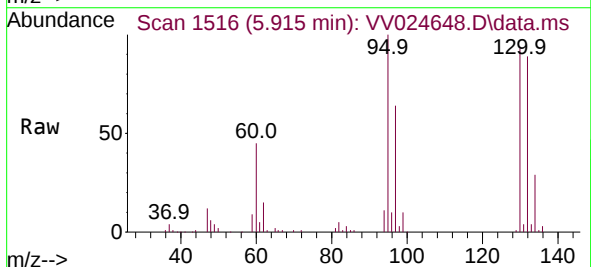
RT: 5.915 min Scan# 1516

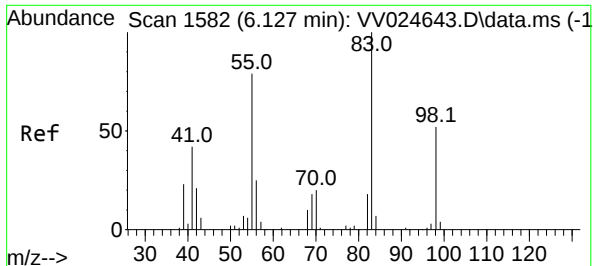
Delta R.T. 0.006 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Tgt Ion: 95	Resp: 75373
Ion Ratio	Lower Upper
95 100	
97 64.2	45.2 84.0
132 89.0	76.1 141.3
130 92.6	75.4 140.0





#35

Methylcyclohexane

Concen: 0.656 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024648.D

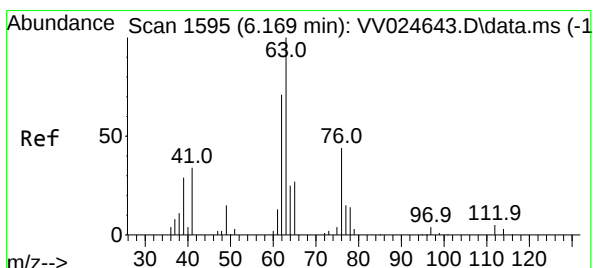
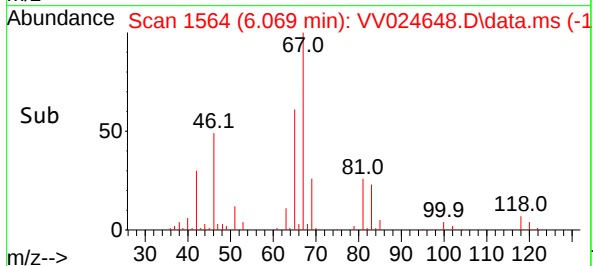
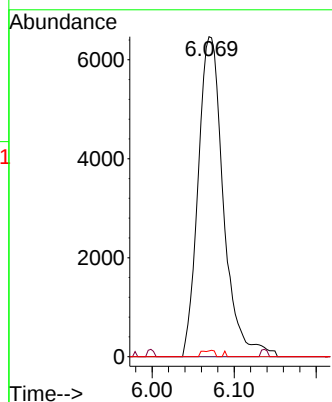
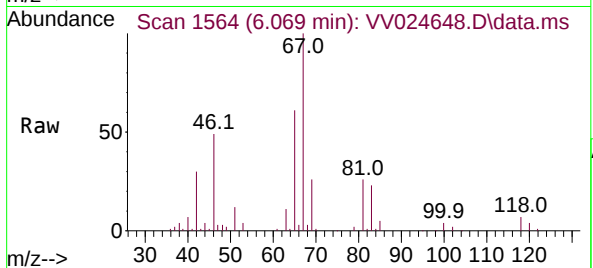
Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13812
Ion Ratio	Lower Upper
83	100
55	0.6 60.2 90.2#
98	1.0 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.593 ug/L

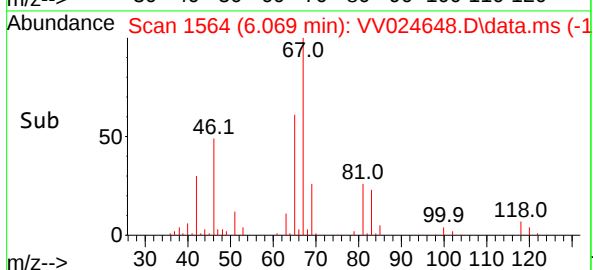
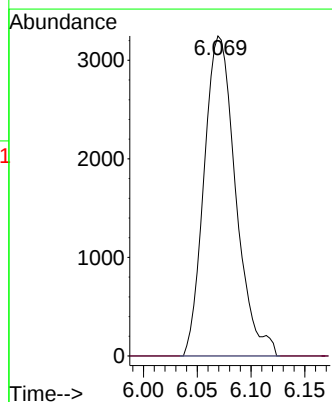
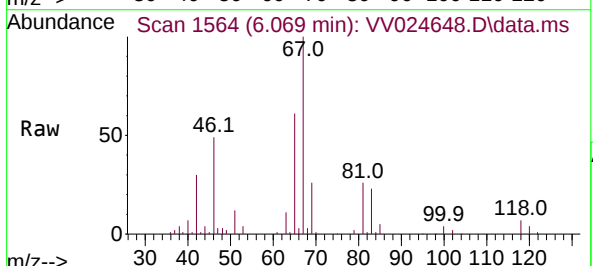
RT: 6.069 min Scan# 1564

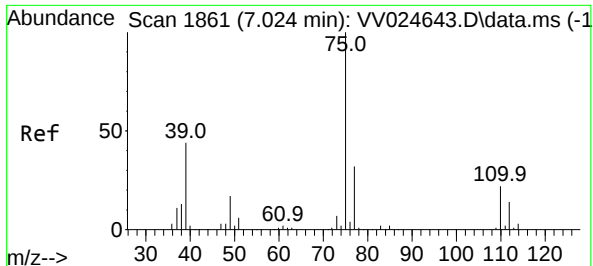
Delta R.T. -0.100 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Tgt Ion: 63	Resp: 6643
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

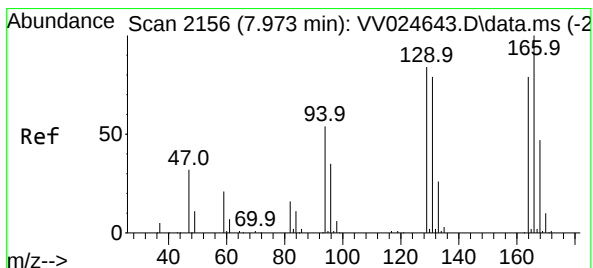
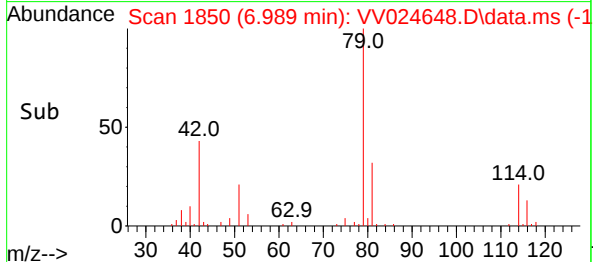
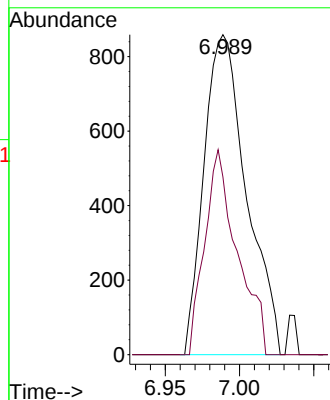
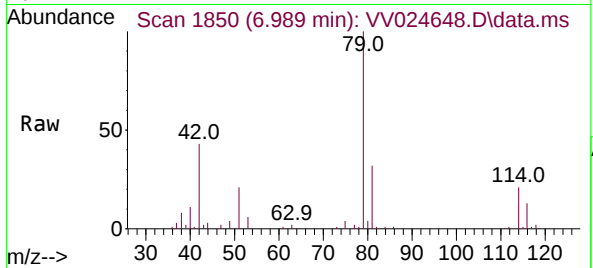
ClientSampleId :

Tgt Ion: 75 Resp: 1712

Ion Ratio Lower Upper

75 100

77 55.5 22.0 41.0#



#47

Tetrachloroethene

Concen: 3.318 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Tgt Ion:164 Resp: 28016

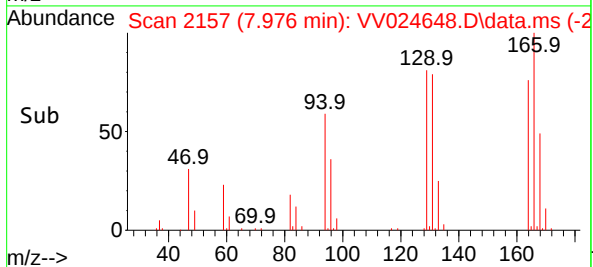
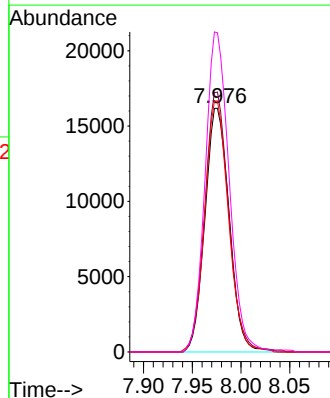
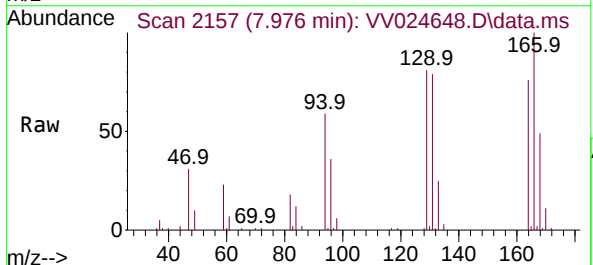
Ion Ratio Lower Upper

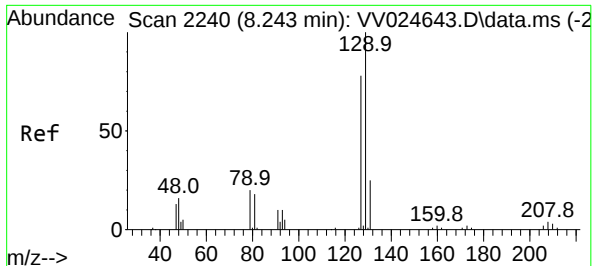
164 100

129 106.7 62.6 116.2

131 103.0 61.0 113.4

166 131.0 87.3 162.1





#49

Dibromochloromethane

Concen: 3.274 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

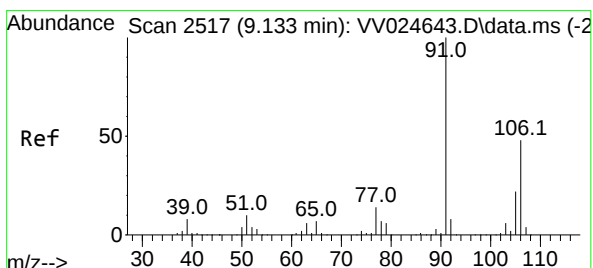
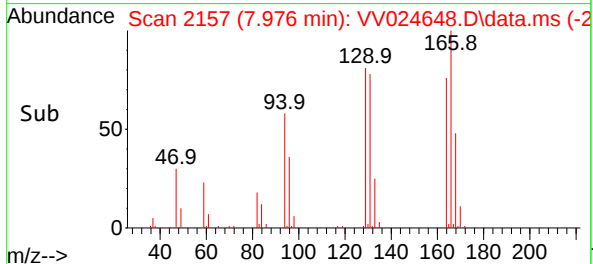
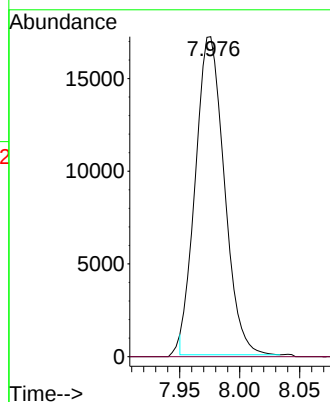
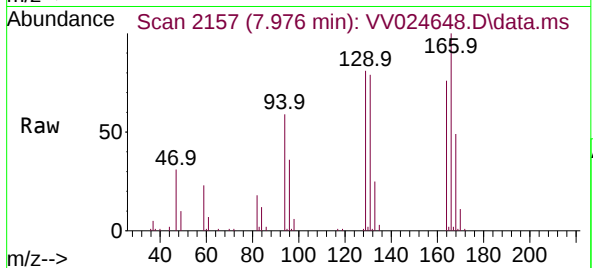
ClientSampleId :

Tgt Ion:129 Resp: 28705

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#53

m,p-xylene

Concen: 0.052 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.010 min

Lab File: VV024648.D

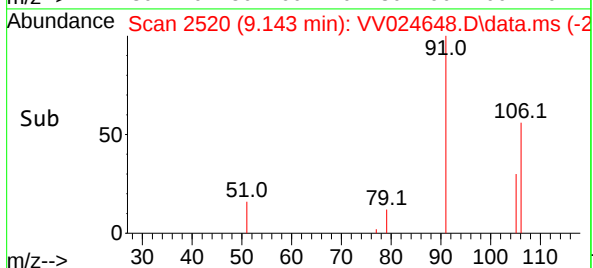
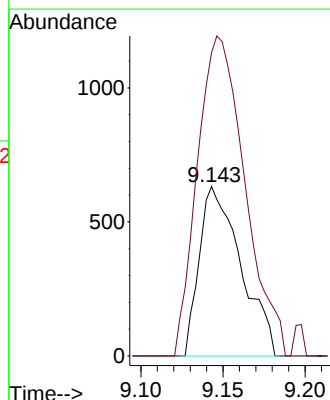
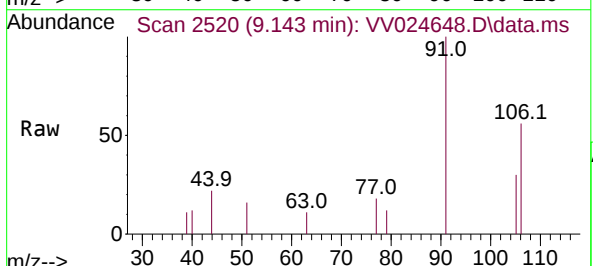
Acq: 14 Feb 2022 14:06

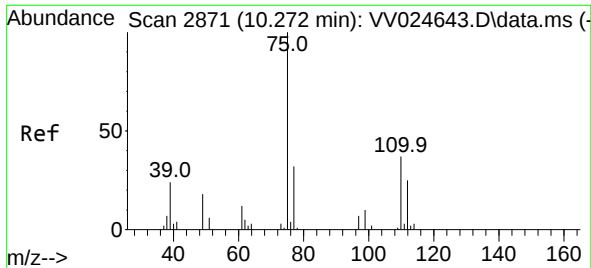
Tgt Ion:106 Resp: 1110

Ion Ratio Lower Upper

106 100

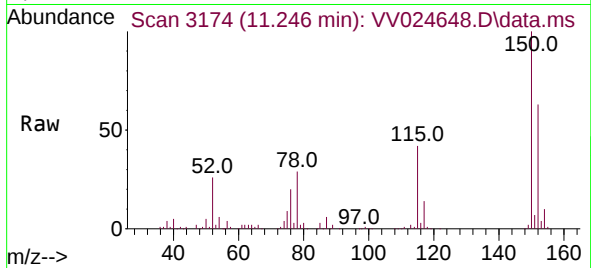
91 179.1 139.5 259.1





#61
 1,2,3-Trichloropropane
 Concen: 1.444 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024648.D
 Acq: 14 Feb 2022 14:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8664
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.4 39.6
 110 2.2 34.2 51.2#

