

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072822\
 Data File : VW024123.D
 Acq On : 28 Jul 2022 15:35
 Operator : SY/VA
 Sample : N3955-03
 Misc : 4.94g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 01:17:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 29 01:16:23 2022
 Response via : Initial Calibration

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

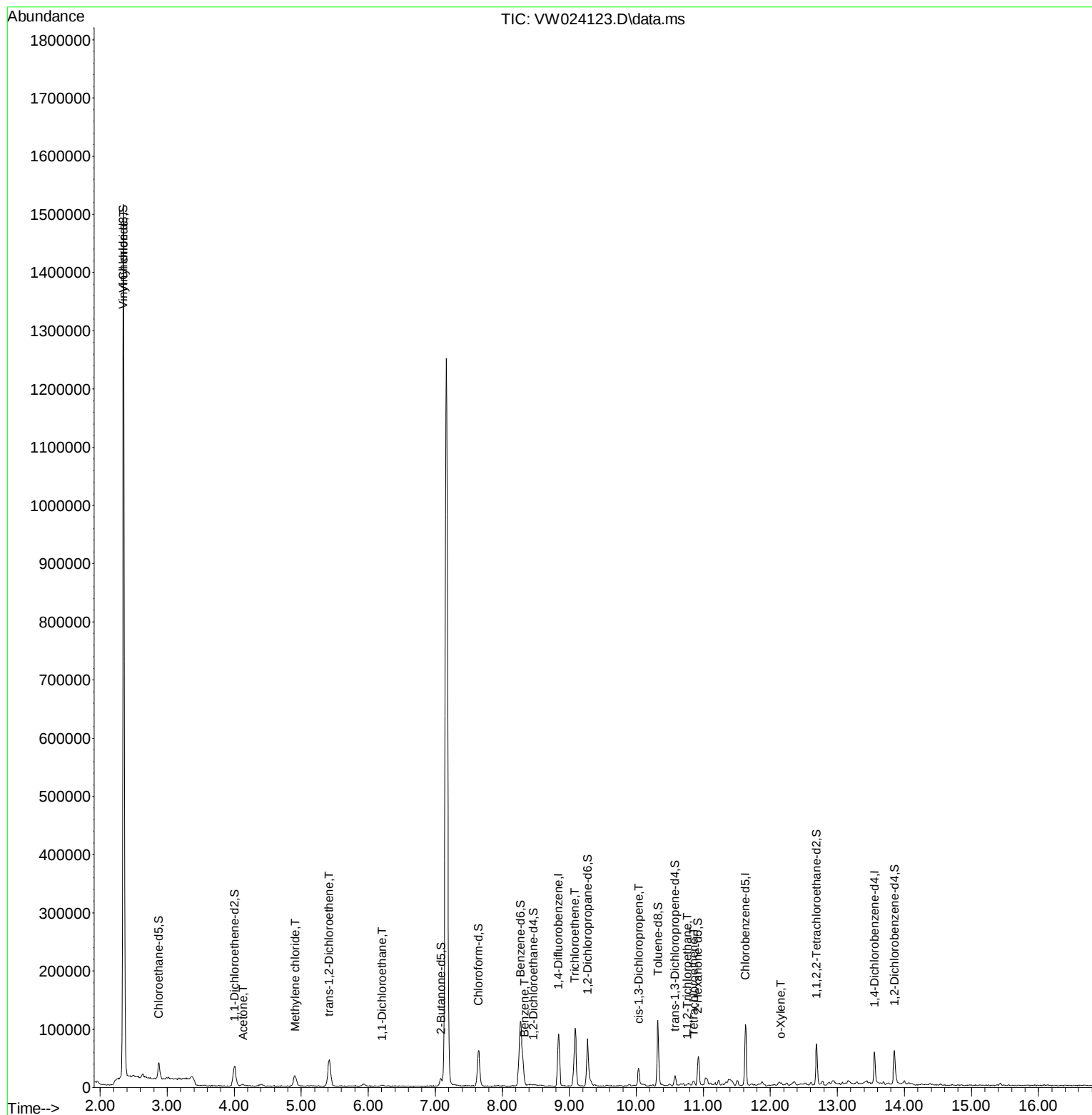
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	68898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	54279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	56511	38.265	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	153.040%#	
7) Chloroethane-d5	2.873	69	31611	31.679	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	126.720%	
11) 1,1-Dichloroethene-d2	4.007	63	30664	23.581	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	94.320%	
21) 2-Butanone-d5	7.086	46	20114	76.634	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	153.260%#	
24) Chloroform-d	7.647	84	62523	33.009	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	132.040%	
26) 1,2-Dichloroethane-d4	8.464	65	78	0.072	ug/L	0.16
Spiked Amount 25.000	Range 70	- 130	Recovery	=	0.280%#	
32) Benzene-d6	8.275	84	100919	40.025	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	160.080%#	
36) 1,2-Dichloropropane-d6	9.274	67	35855	45.084	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	180.320%#	
41) Toluene-d8	10.323	98	68796	27.282	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	109.120%	
43) trans-1,3-Dichloroprop...	10.579	79	9361	26.547	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	106.200%	
47) 2-Hexanone-d5	10.920	63	13242	79.644	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	159.280%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32058	34.935	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	139.720%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	13955	32.597	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	130.400%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.349	62	1316836	639.537	ug/L	97
13) Acetone	4.135	43	4378	23.506	ug/L	77
16) Methylene chloride	4.909	84	12464	11.886	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	26716	30.008	ug/L	96
19) 1,1-Dichloroethane	6.208	63	1126	0.670	ug/L	97
33) Benzene	8.336	78	2049	0.653	ug/L	100
34) Trichloroethene	9.085	95	30490	36.720	ug/L	98
39) cis-1,3-Dichloropropene	10.036	75	976	0.845	ug/L #	53
45) 1,1,2-Trichloroethane	10.762	97	798	1.152	ug/L #	40
46) Tetrachloroethene	10.859	164	1139	1.753	ug/L #	74
54) o-Xylene	12.158	106	810	0.558	ug/L	98

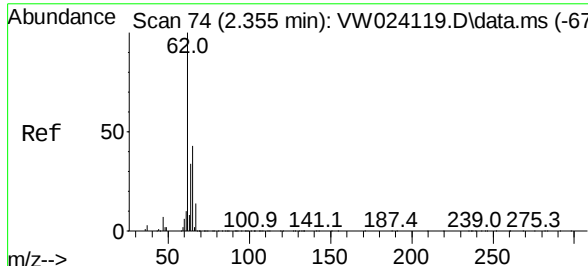
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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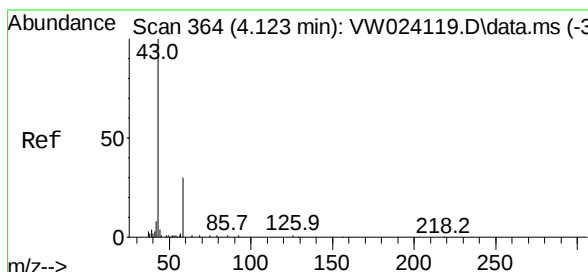
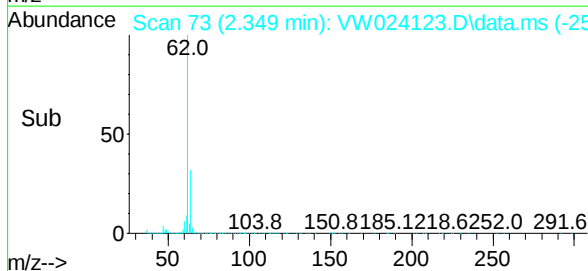
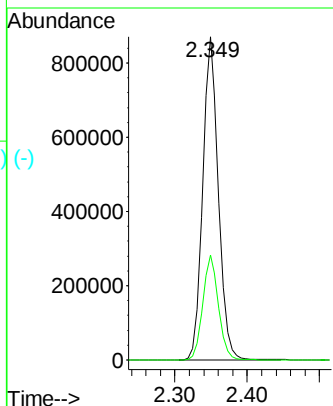
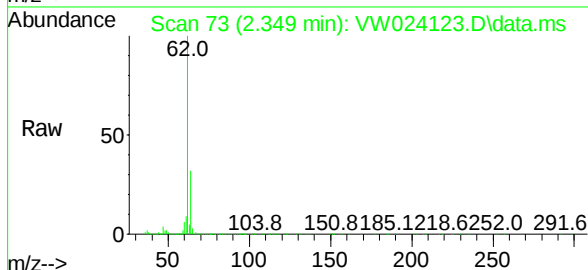


(#5)
 Vinyl chloride
 Concen: 639.537 ug/L
 RT: 2.349 min Scan#
 Delta R.T. -0.006 min
 Lab File: VW024123.D
 Acq: 28 Jul 2022 15:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 62 Resp: 1316836

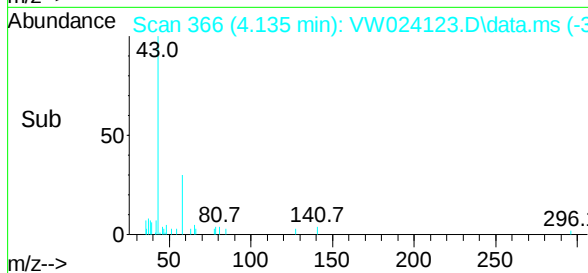
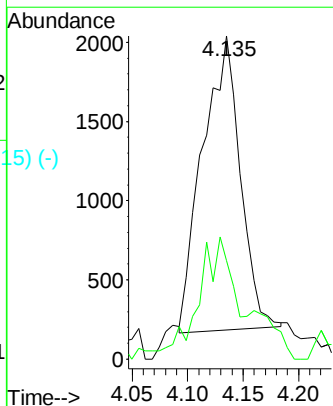
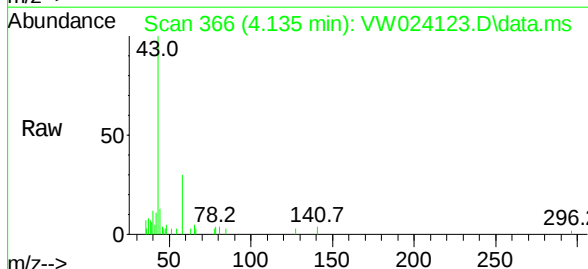
Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.9	44.3

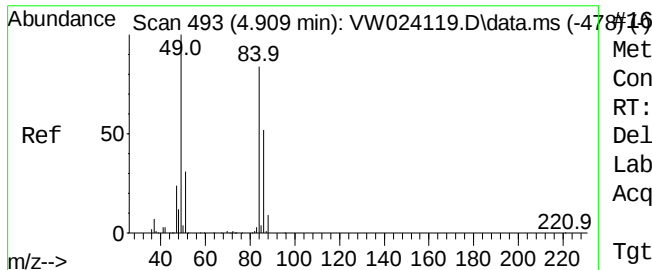


(#13)
 Acetone
 Concen: 23.506 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.012 min
 Lab File: VW024123.D
 Acq: 28 Jul 2022 15:35

Tgt Ion: 43 Resp: 4378

Ion	Ratio	Lower	Upper
43	100		
58	17.7	0.0	60.0





Methylene chloride

Concen: 11.886 ug/L

RT: 4.909 min Scan# 4

Delta R.T. 0.000 min

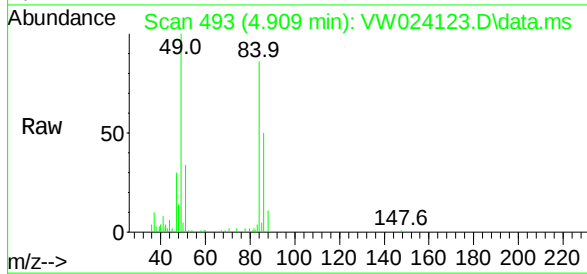
Lab File: VW024123.D

Acq: 28 Jul 2022 15:35

Instrument :

MSVOA_W

ClientSampleId :



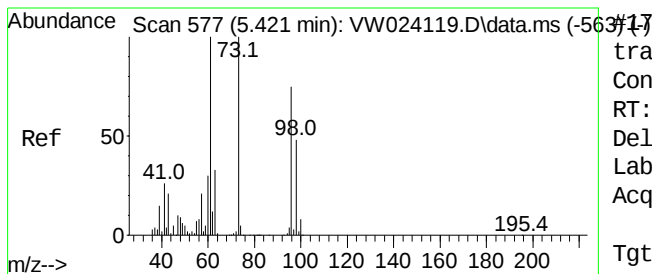
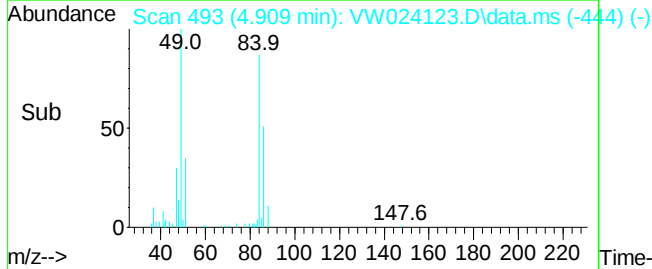
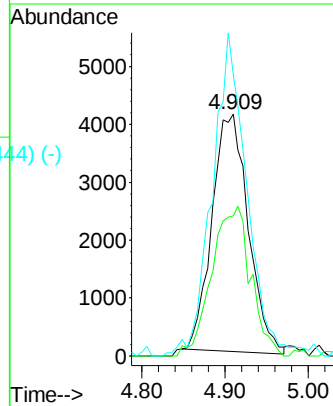
Tgt Ion: 84 Resp: 12464

Ion Ratio Lower Upper

84 100

86 58.0 44.7 83.1

49 116.0 83.7 155.4



trans-1,2-Dichloroethene

Concen: 30.008 ug/L

RT: 5.415 min Scan# 576

Delta R.T. -0.006 min

Lab File: VW024123.D

Acq: 28 Jul 2022 15:35

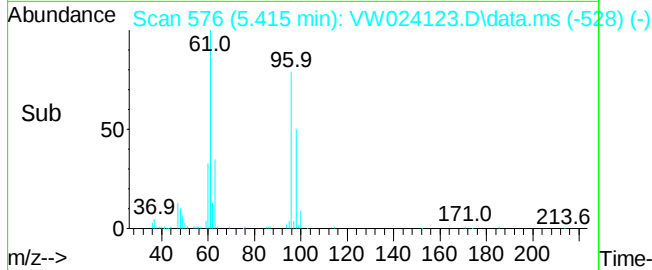
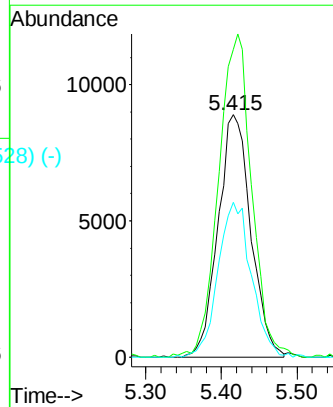
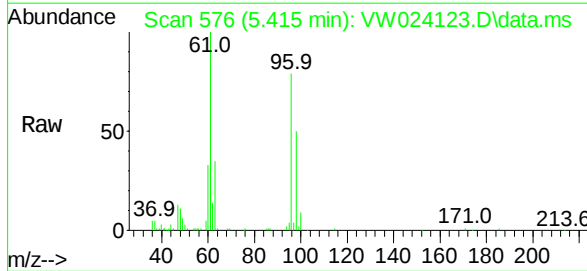
Tgt Ion: 96 Resp: 26716

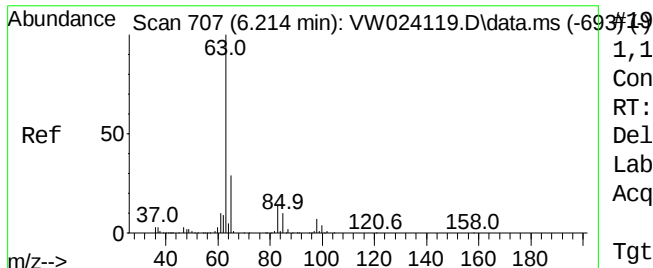
Ion Ratio Lower Upper

96 100

61 126.7 92.7 172.1

98 63.8 44.1 81.9





1,1-Dichloroethane

Concen: 0.670 ug/L

RT: 6.208 min Scan#

Delta R.T. -0.006 min

Lab File: VW024123.D

Acq: 28 Jul 2022 15:35

Instrument :

MSVOA_W

ClientSampleId :

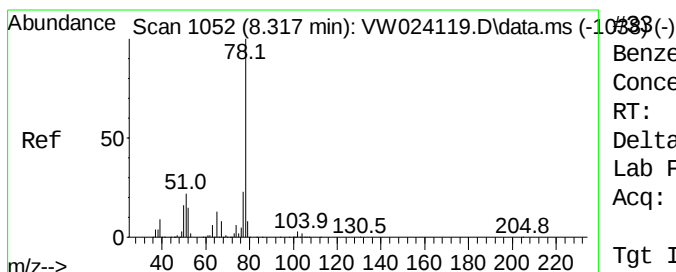
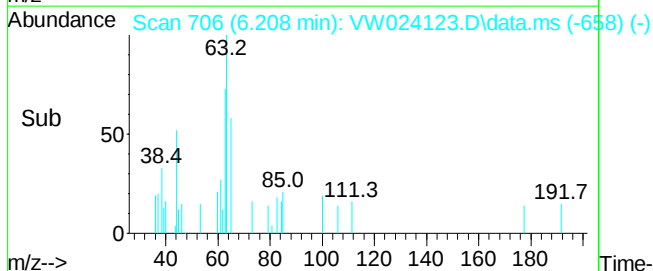
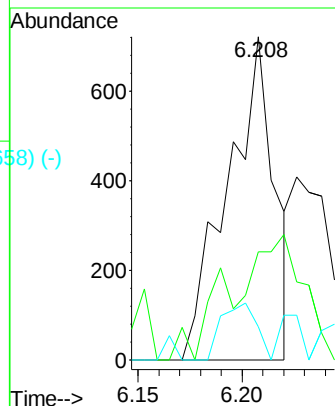
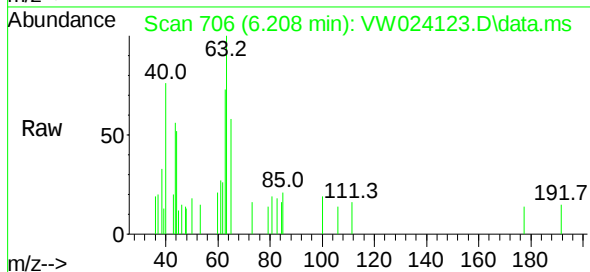
Tgt Ion: 63 Resp: 1126

Ion Ratio Lower Upper

63 100

65 33.4 23.4 43.4

83 10.2 9.7 17.9



Benzene

Concen: 0.653 ug/L

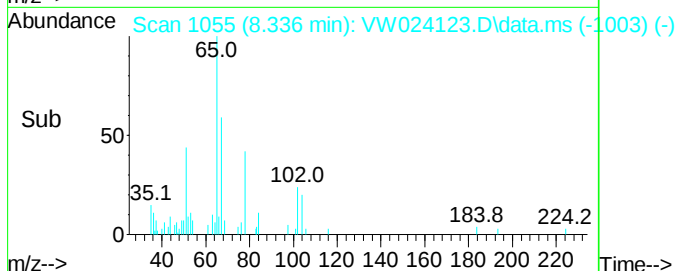
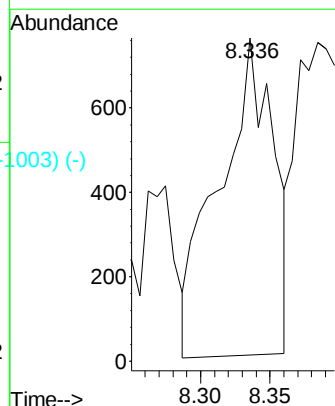
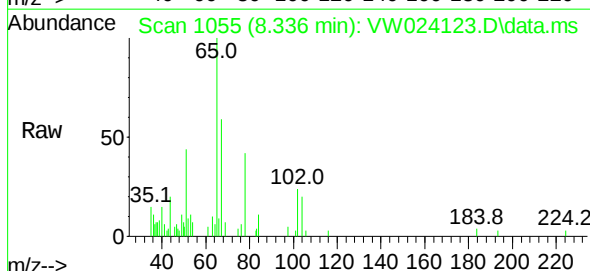
RT: 8.336 min Scan# 1055

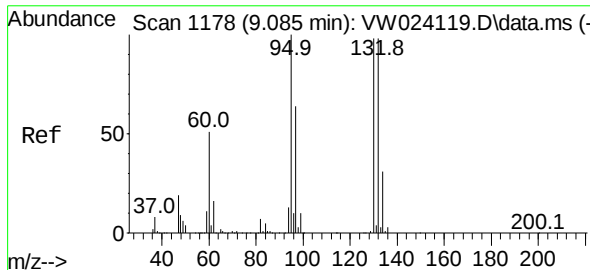
Delta R.T. 0.018 min

Lab File: VW024123.D

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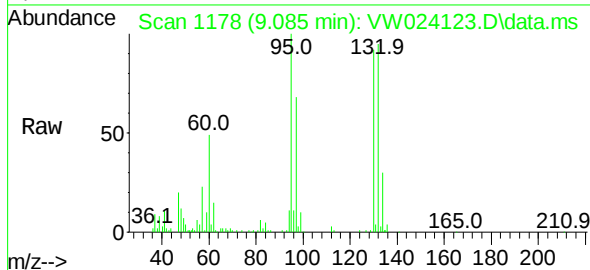
Tgt Ion: 78 Resp: 2049



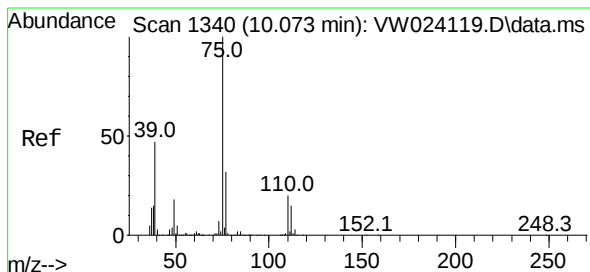
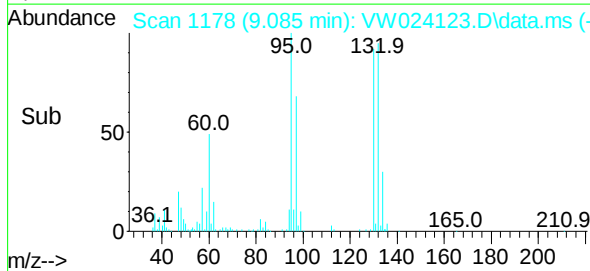
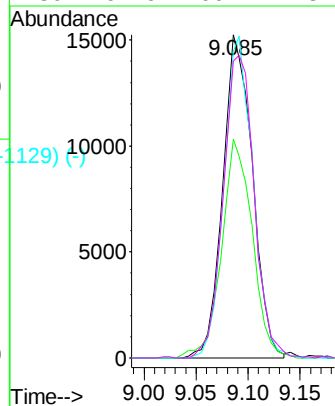


Trichloroethene
Concen: 36.720 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VW024123.D
Acq: 28 Jul 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :

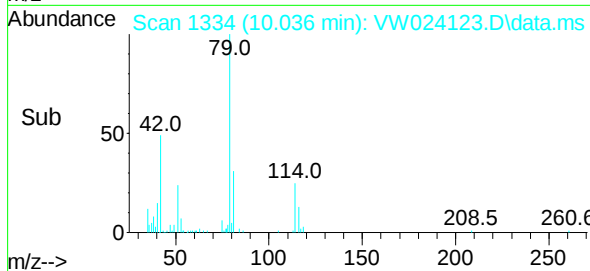
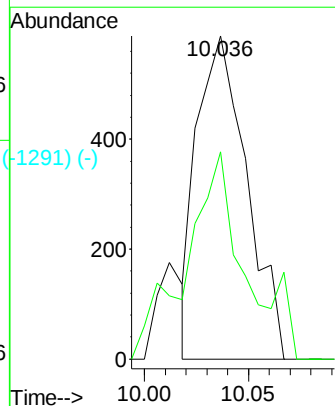
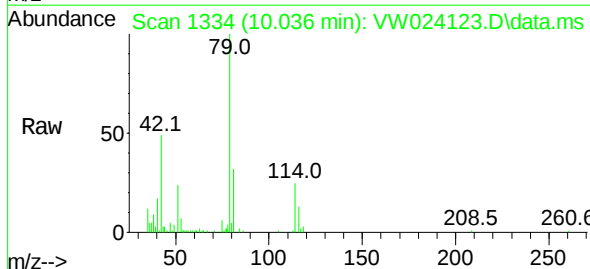


Tgt Ion	95	Resp	30490
Ion	Ratio	Lower	Upper
95	100		
97	67.6	46.5	86.3
132	94.8	65.8	122.2
130	91.9	66.2	123.0



cis-1,3-Dichloropropene
Concen: 0.845 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW024123.D
Acq: 28 Jul 2022 15:35

Tgt Ion	75	Resp	976
Ion	Ratio	Lower	Upper
75	100		
77	57.1	21.8	40.6#



Abundance Scan 1457 (10.786 min): VW024119.D\data.ms (-1445) (-)

1,1,2-Trichloroethane

Concen: 1.152 ug/L

RT: 10.762 min Scan#

Delta R.T. -0.024 min

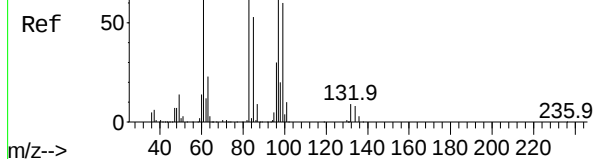
Lab File: VW024123.D

Acq: 28 Jul 2022 15:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 798

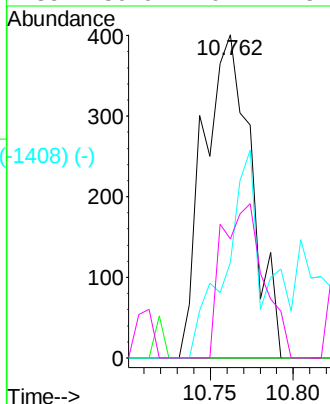
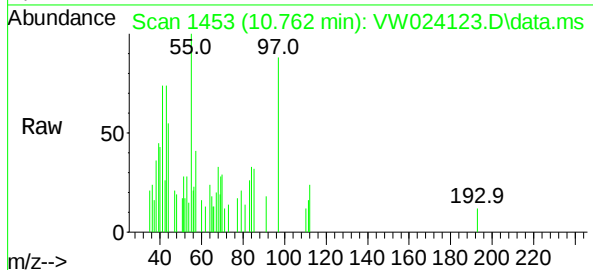
Ion Ratio Lower Upper

97 100

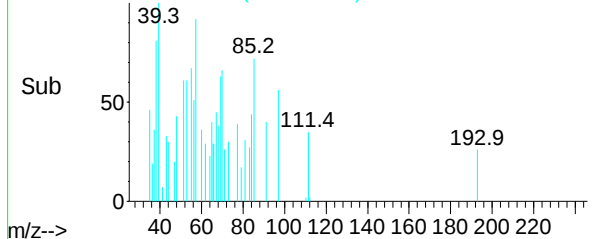
99 0.0 46.2 85.8#

83 29.4 61.2 113.6#

85 36.9 40.7 75.7#



Abundance Scan 1453 (10.762 min): VW024123.D\data.ms (-1408) (-)



Abundance Scan 1468 (10.853 min): VW024119.D\data.ms (-1466) (-)

Tetrachloroethene

Concen: 1.753 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VW024123.D

Acq: 28 Jul 2022 15:35

Tgt Ion:164 Resp: 1139

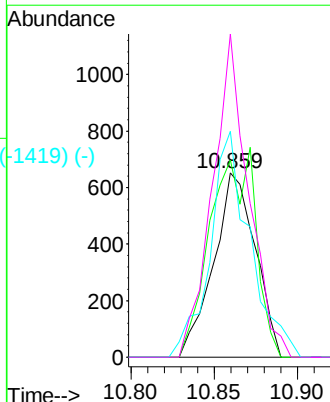
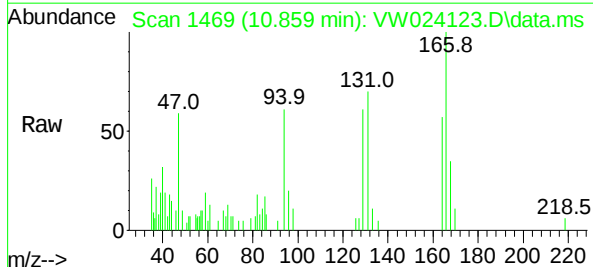
Ion Ratio Lower Upper

164 100

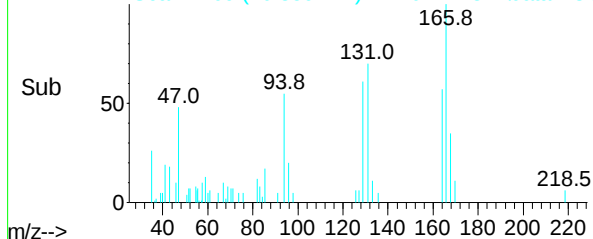
129 107.1 65.7 122.1

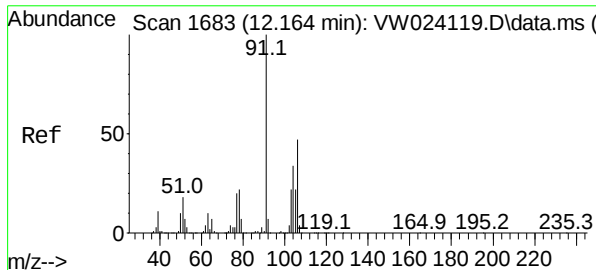
131 122.4 69.2 128.4

166 175.3 92.8 172.4#



Abundance Scan 1469 (10.859 min): VW024123.D\data.ms (-1419) (-)





o-Xylene
Concen: 0.558 ug/L
RT: 12.158 min Scan# 1634
Delta R.T. -0.006 min
Lab File: VW024123.D
Acq: 28 Jul 2022 15:35

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ClientSampleId :

Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 211.9 150.6 279.6

