

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021327.D
 Acq On : 11 Dec 2021 15:17
 Operator : SY/VA
 Sample : M5062-04
 Misc : 6.52g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL03

Quant Time: Dec 12 08:08:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

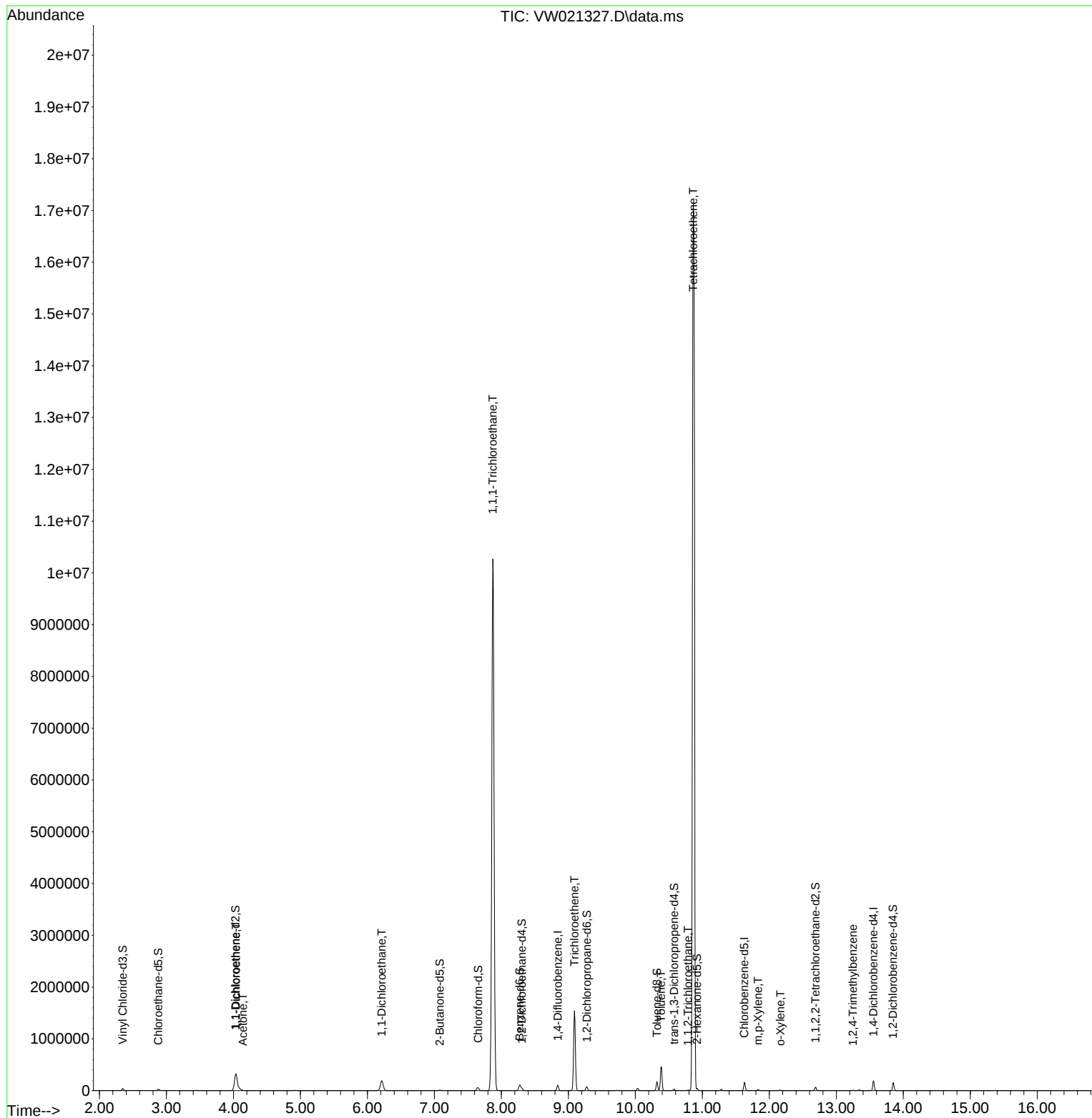
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	87390	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36836	23.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.879	69	28995	27.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.240%
11) 1,1-Dichloroethene-d2	4.031	63	137382	64.745	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	258.960%#
21) 2-Butanone-d5	7.080	46	15060	67.126	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.260%
24) Chloroform-d	7.653	84	60716	24.931	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	8.305	65	31904	24.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.520%
32) Benzene-d6	8.275	84	109614	22.691	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	9.274	67	32041	24.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	10.323	98	107158	21.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.840%
43) trans-1,3-Dichloroprop...	10.579	79	15605	26.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.640%
47) 2-Hexanone-d5	10.920	63	12200	63.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.360%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30050	26.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	40664	20.487	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.960%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	206014	190.184	ug/L	# 59
13) Acetone	4.141	43	1587	7.891	ug/L	72
19) 1,1-Dichloroethane	6.214	63	259742	141.127	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	7977320	4034.322	ug/L	# 91
34) Trichloroethene	9.091	95	475939	353.157	ug/L	93
42) Toluene	10.384	91	331303	59.005	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	3479	3.969	ug/L	93
46) Tetrachloroethene	10.866	164	5106216	3988.505	ug/L	96
53) m,p-Xylene	11.829	106	6236	2.409	ug/L	72
54) o-Xylene	12.164	106	2501	1.018	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	4579	0.784	ug/L	100

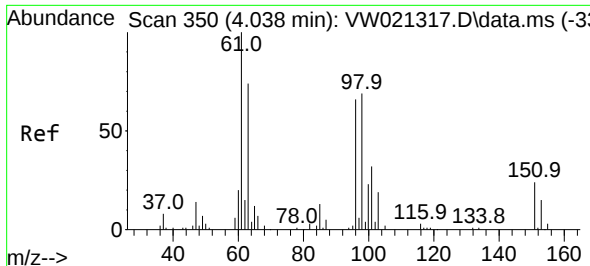
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 190.184 ug/L

RT: 4.038 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW021327.D

Acq: 11 Dec 2021 15:17

Instrument :

MSVOA_W

ClientSampleId :

BGL03

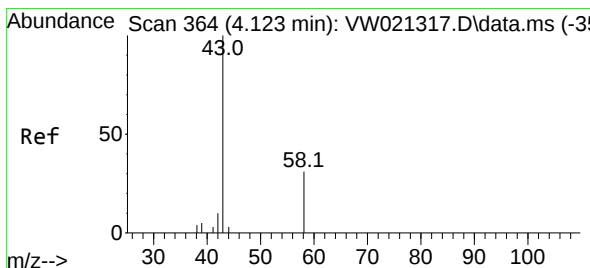
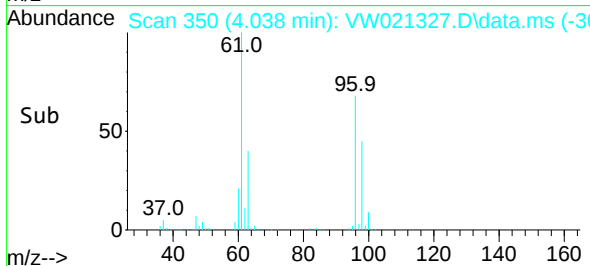
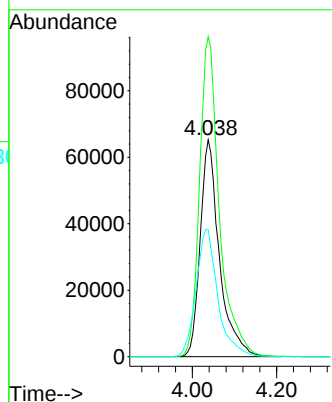
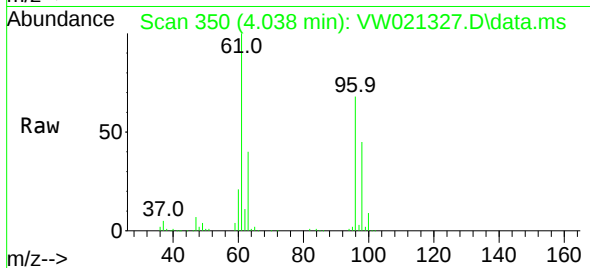
Tgt Ion: 96 Resp: 206014

Ion Ratio Lower Upper

96 100

61 147.6 138.3 256.9

63 58.6 82.6 153.4#



#13

Acetone

Concen: 7.891 ug/L

RT: 4.141 min Scan# 367

Delta R.T. 0.018 min

Lab File: VW021327.D

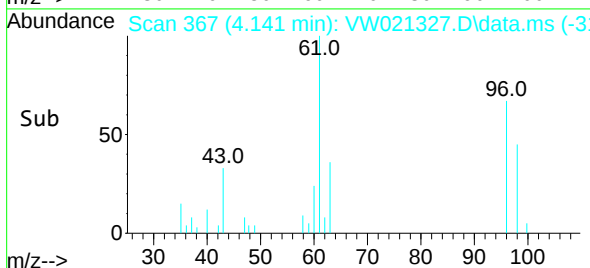
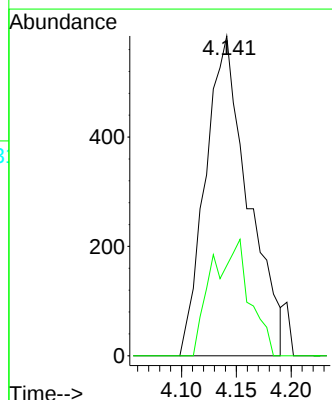
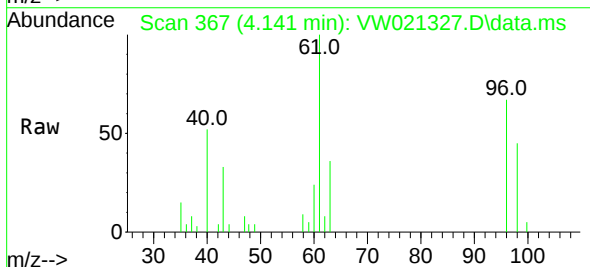
Acq: 11 Dec 2021 15:17

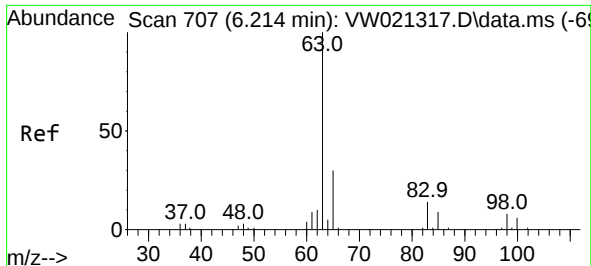
Tgt Ion: 43 Resp: 1587

Ion Ratio Lower Upper

43 100

58 12.0 0.0 52.8





#19

1,1-Dichloroethane

Concen: 141.127 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021327.D

Acq: 11 Dec 2021 15:17

Instrument :

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BGL03

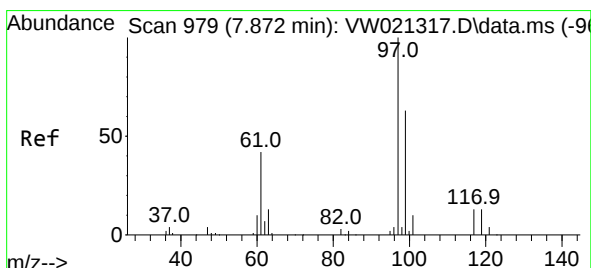
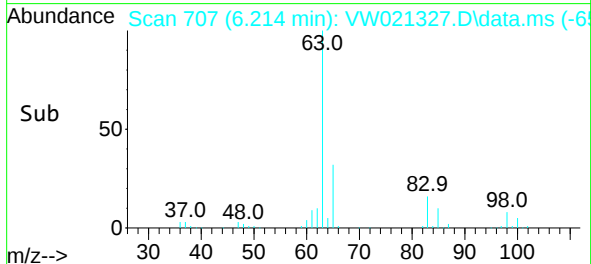
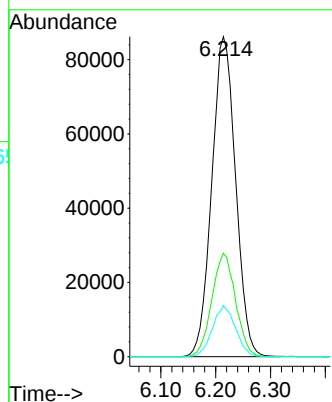
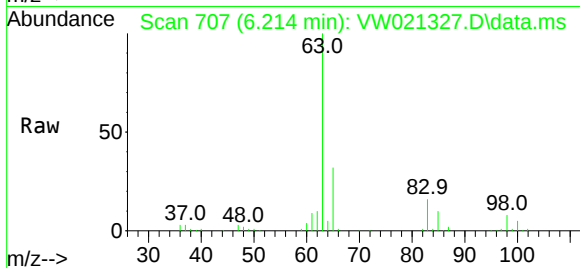
Tgt Ion: 63 Resp: 259742

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 15.9 9.2 17.2



#30

1,1,1-Trichloroethane

Concen: 4034.322 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021327.D

Acq: 11 Dec 2021 15:17

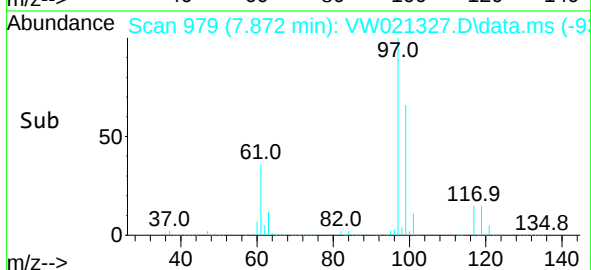
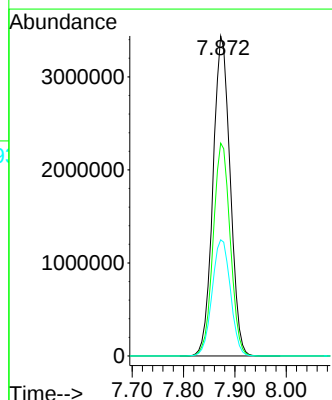
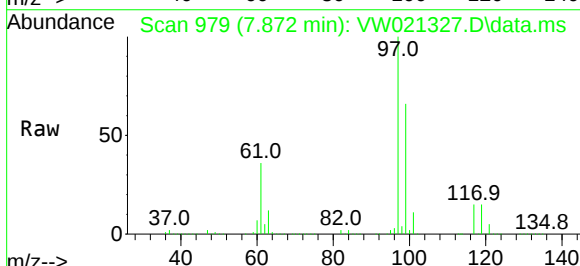
Tgt Ion: 97 Resp: 7977320

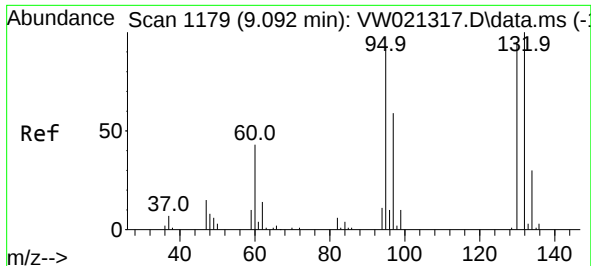
Ion Ratio Lower Upper

97 100

99 66.0 51.6 77.4

61 38.6 40.9 61.3#

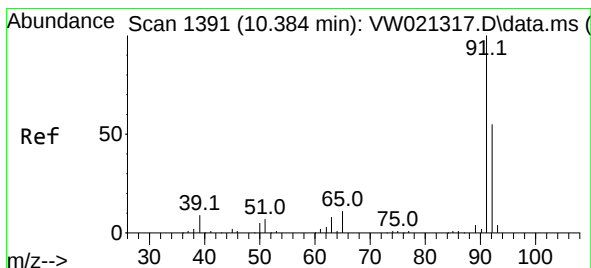
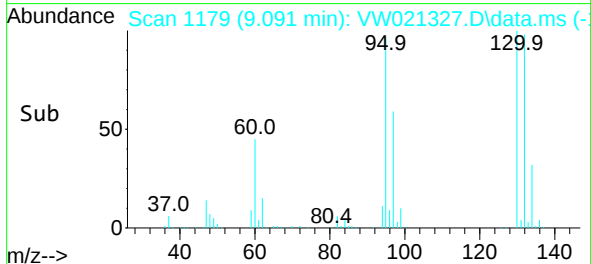
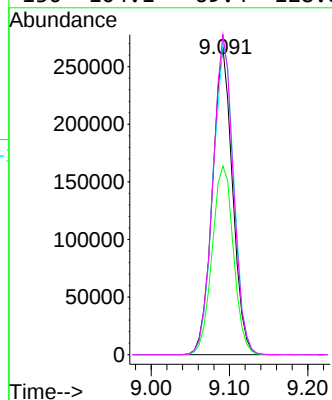
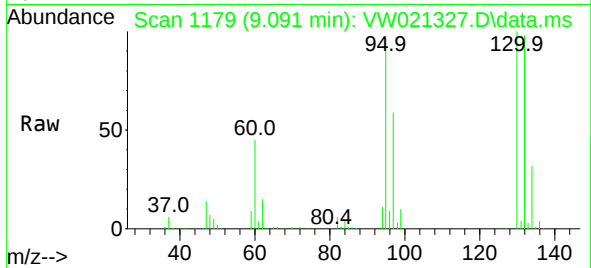




#34
Trichloroethene
Concen: 353.157 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021327.D
Acq: 11 Dec 2021 15:17

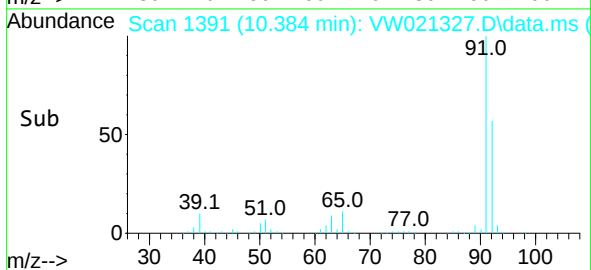
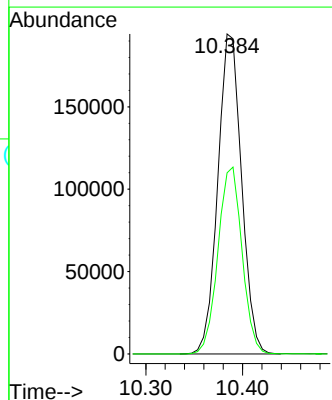
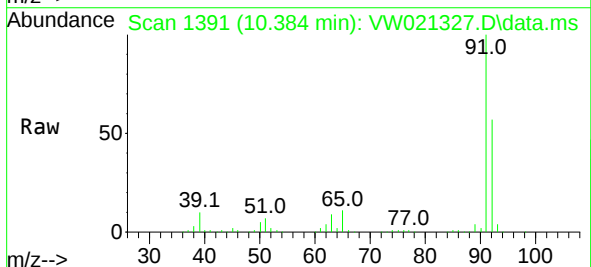
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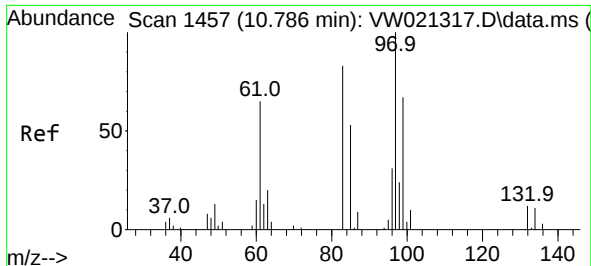
Tgt Ion: 95 Resp: 475939
Ion Ratio Lower Upper
95 100
97 61.4 47.0 87.2
132 102.1 65.5 121.6
130 104.1 69.4 128.8



#42
Toluene
Concen: 59.005 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021327.D
Acq: 11 Dec 2021 15:17

Tgt Ion: 91 Resp: 331303
Ion Ratio Lower Upper
91 100
92 56.6 41.7 77.5

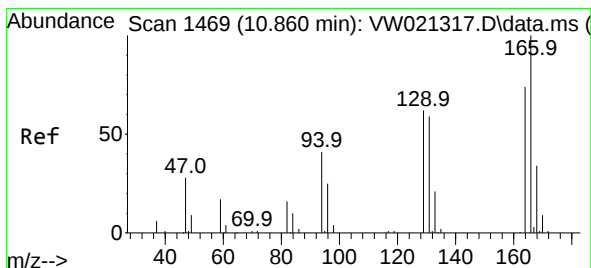
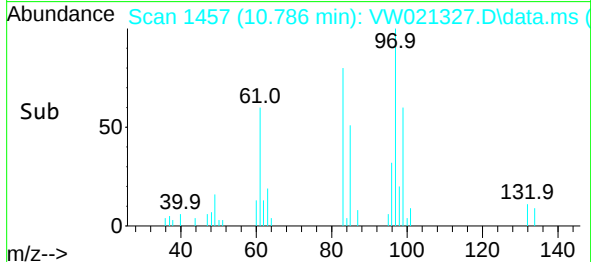
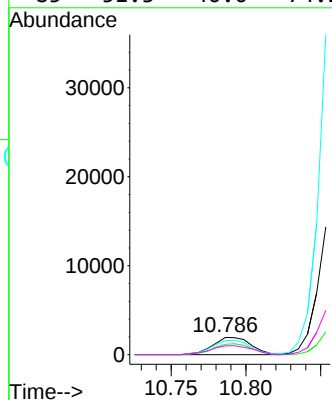
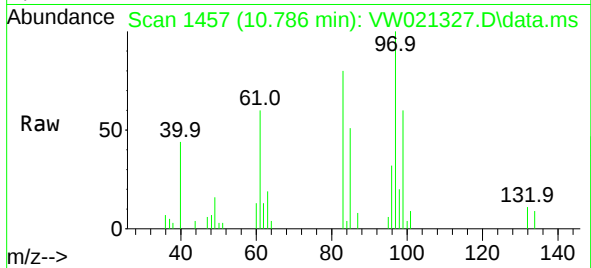




#45
1,1,2-Trichloroethane
Concen: 3.969 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021327.D
Acq: 11 Dec 2021 15:17

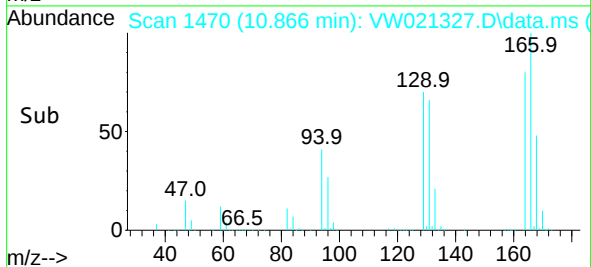
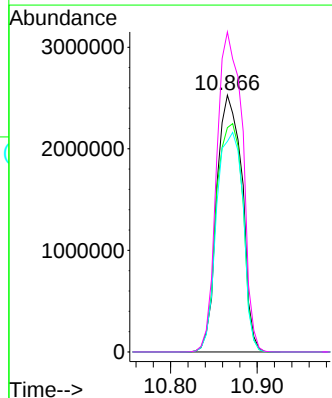
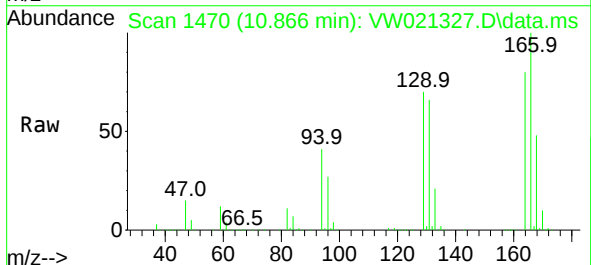
Instrument :
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ClientSampleId :
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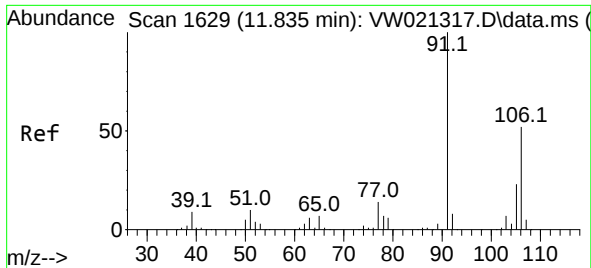
Tgt Ion:	97	Resp:	3479
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.0	79.8
83	80.1	62.6	116.3
85	51.3	40.0	74.2



#46
Tetrachloroethene
Concen: 3988.505 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021327.D
Acq: 11 Dec 2021 15:17

Tgt Ion:	164	Resp:	5106216
Ion	Ratio	Lower	Upper
164	100		
129	87.3	65.5	121.7
131	82.0	59.7	110.9
166	124.6	88.7	164.7

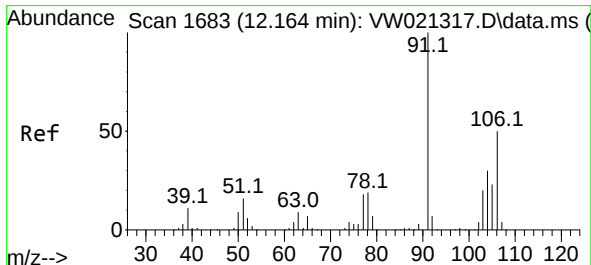
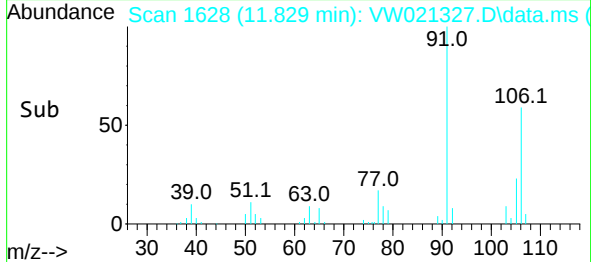
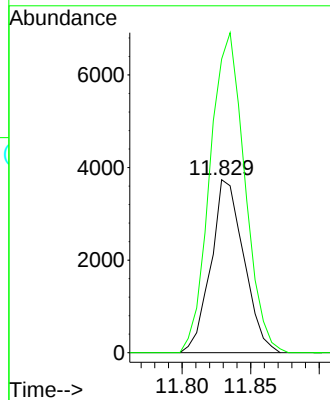
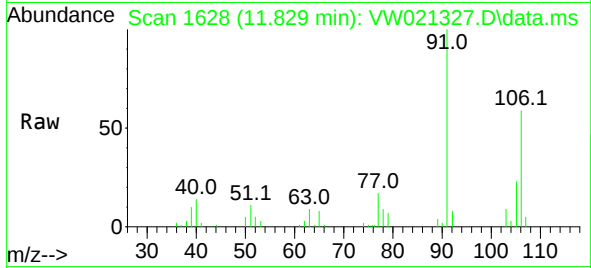




#53
m,p-Xylene
Concen: 2.409 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.012 min
Lab File: VW021327.D
Acq: 11 Dec 2021 15:17

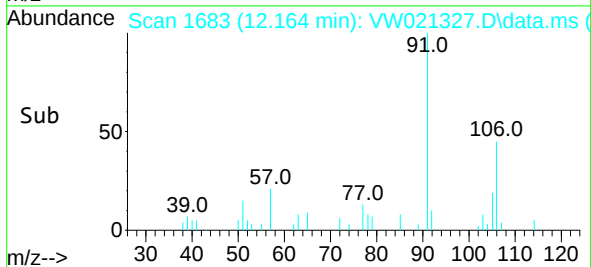
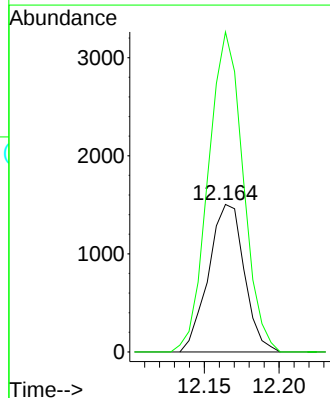
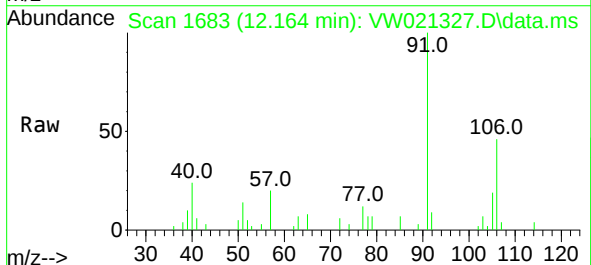
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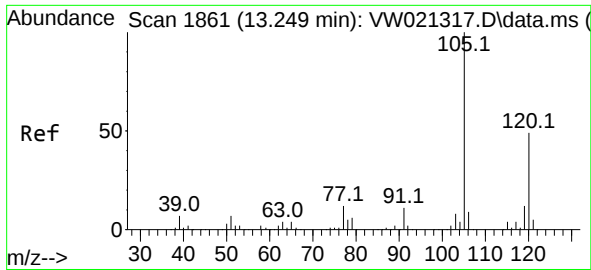
Tgt Ion:106 Resp: 6236
Ion Ratio Lower Upper
106 100
91 169.6 149.9 278.3



#54
o-Xylene
Concen: 1.018 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021327.D
Acq: 11 Dec 2021 15:17

Tgt Ion:106 Resp: 2501
Ion Ratio Lower Upper
106 100
91 217.0 153.6 285.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.784 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021327.D
 Acq: 11 Dec 2021 15:17

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:105 Resp: 4579
 Ion Ratio Lower Upper
 105 100
 120 43.6 35.0 52.6

