

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW023008.D
 Acq On : 12 May 2022 17:54
 Operator : SY/VA
 Sample : N2766-22
 Misc : 6.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 13 01:14:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
 Response via : Initial Calibration

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

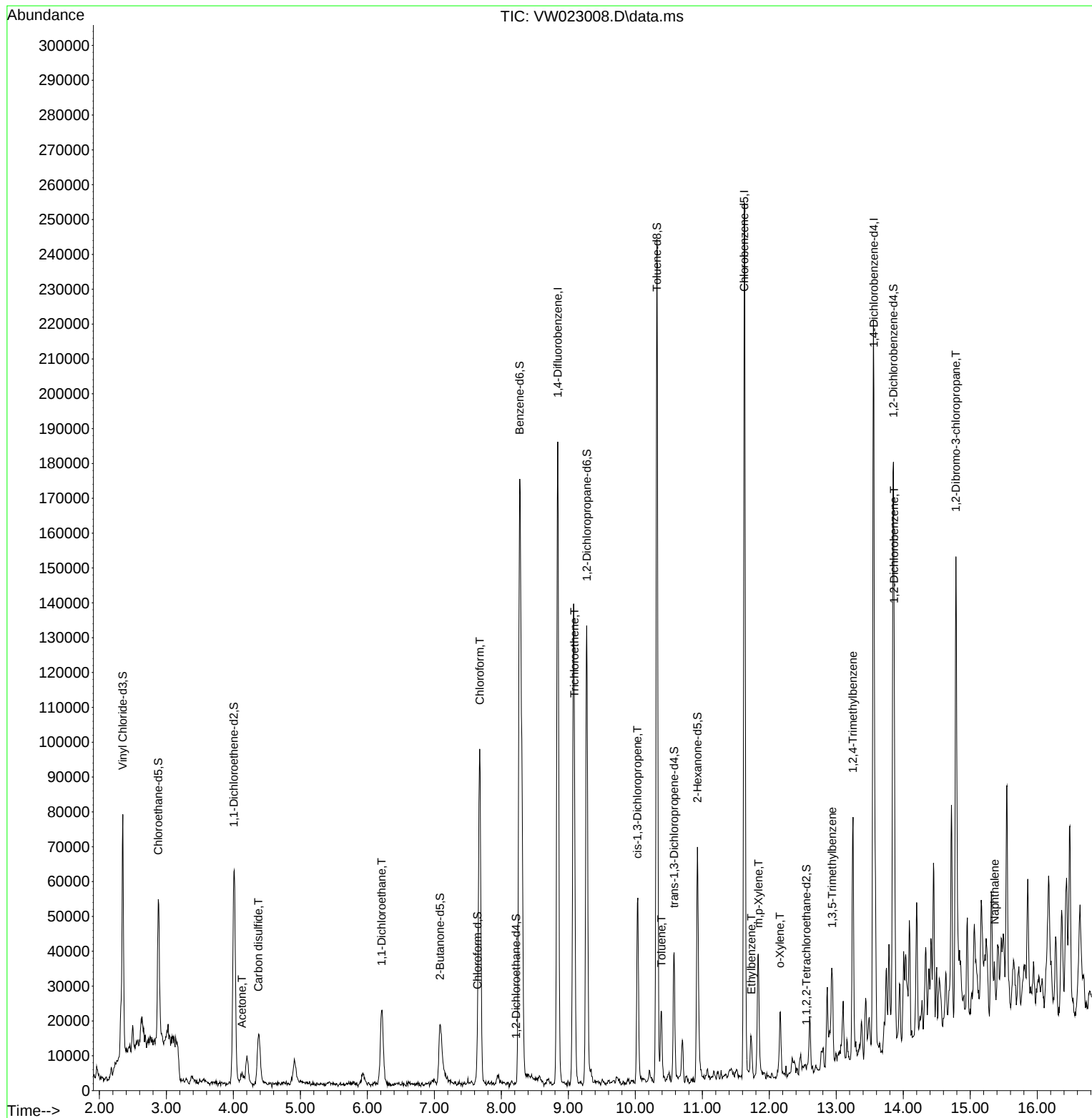
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	155199	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133935	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55993	17.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.320%
7) Chloroethane-d5	2.879	69	44118	21.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	4.007	63	58337	14.179	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.720%
21) 2-Butanone-d5	7.086	46	24799	40.963	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.920%
24) Chloroform-d	7.641	84	3339	0.734	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	2.920%#
26) 1,2-Dichloroethane-d4	8.220	65	86	0.034	ug/L	-0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.275	84	180040	23.321	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.275	67	58281	26.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.520%
41) Toluene-d8	10.323	98	155000	20.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.120%
43) trans-1,3-Dichloroprop...	10.579	79	18971	19.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.000%
47) 2-Hexanone-d5	10.927	63	16135	38.976	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.960%
56) 1,1,2,2-Tetrachloroeth...	12.554	84	56	0.028	ug/L	-0.13
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	41276	22.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						Qvalue
13) Acetone	4.129	43	4630	10.215	ug/L	99
14) Carbon disulfide	4.373	76	28905	5.304	ug/L #	93
19) 1,1-Dichloroethane	6.214	63	29307	7.730	ug/L	96
25) Chloroform	7.677	83	92202	21.994	ug/L	98
34) Trichloroethene	9.092	95	14697	6.773	ug/L	97
39) cis-1,3-Dichloropropene	10.030	75	1654	0.559	ug/L	88
42) Toluene	10.390	91	14556	1.646	ug/L	93
52) Ethylbenzene	11.731	91	8434	0.857	ug/L	99
53) m,p-Xylene	11.841	106	10547	2.721	ug/L	71
54) o-Xylene	12.158	106	5364	1.442	ug/L	79
62) 1,3,5-Trimethylbenzene	12.938	105	10699	2.685	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	37529	6.273	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	3304	1.129	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	14.786	75	1021	4.472	ug/L #	2
71) Naphthalene	15.365	128	8780	2.366	ug/L #	97

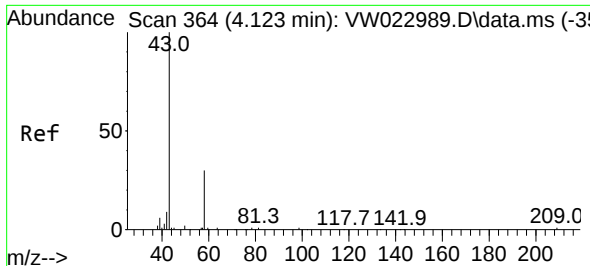
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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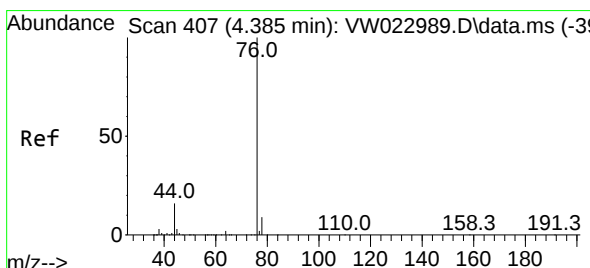
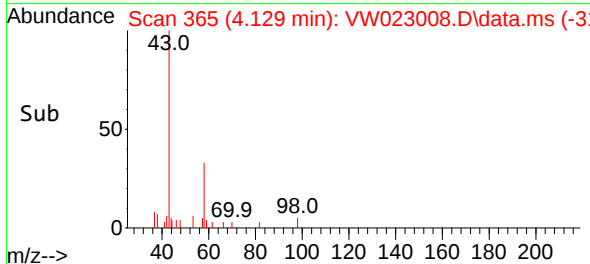
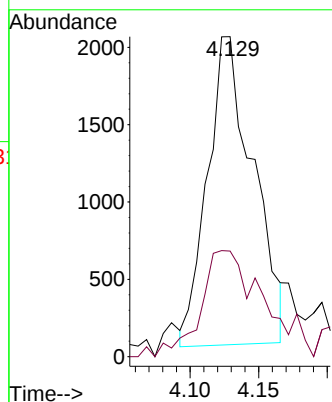
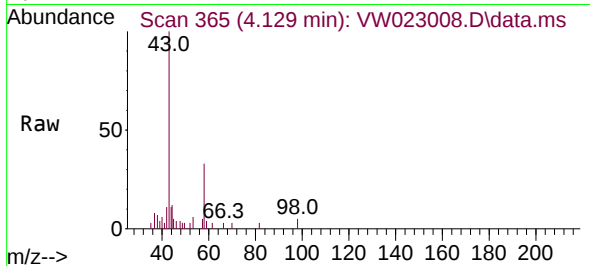




#13
Acetone
Concen: 10.215 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

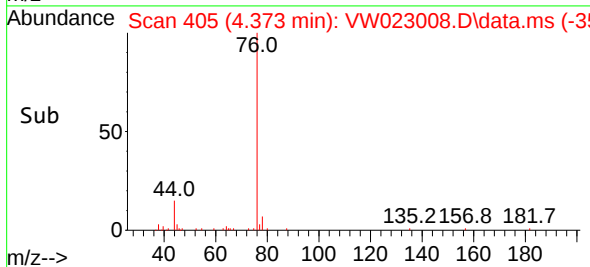
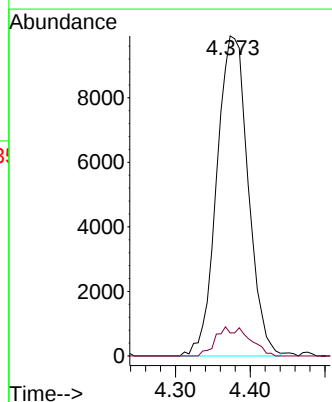
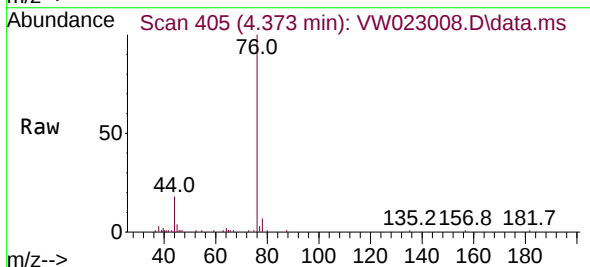
Instrument :
MSVOA_W
ClientSampleId :

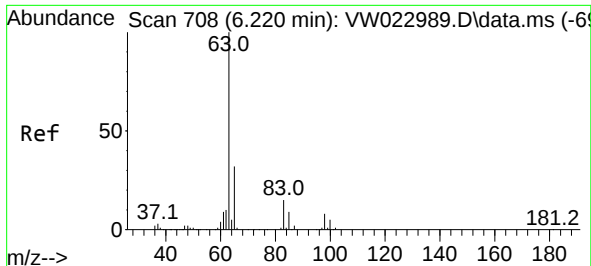
Tgt Ion: 43 Resp: 4630
Ion Ratio Lower Upper
43 100
58 31.6 0.0 64.0



#14
Carbon disulfide
Concen: 5.304 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.012 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

Tgt Ion: 76 Resp: 28905
Ion Ratio Lower Upper
76 100
78 7.2 7.7 11.5#





#19

1,1-Dichloroethane

Concen: 7.730 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

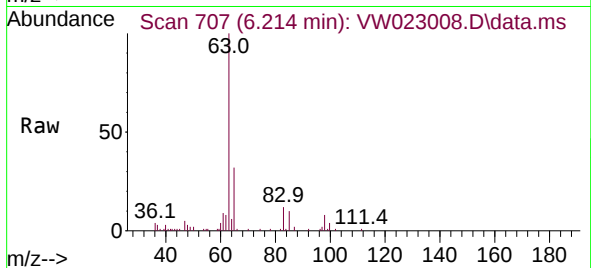
Lab File: VW023008.D

Acq: 12 May 2022 17:54

Instrument :

MSVOA_W

ClientSampleId :



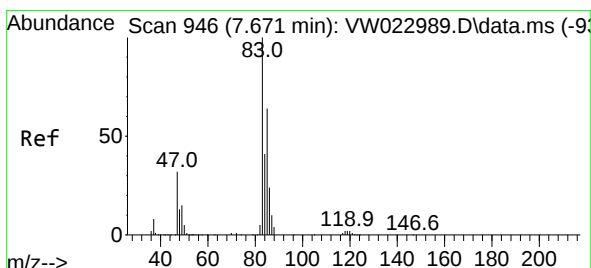
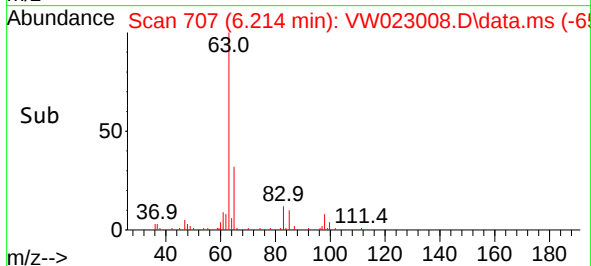
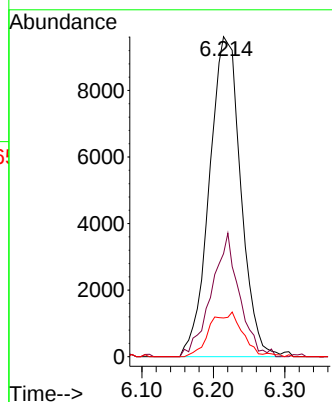
Tgt Ion: 63 Resp: 29307

Ion Ratio Lower Upper

63 100

65 32.2 23.3 43.3

83 12.1 11.1 20.5



#25

Chloroform

Concen: 21.994 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.006 min

Lab File: VW023008.D

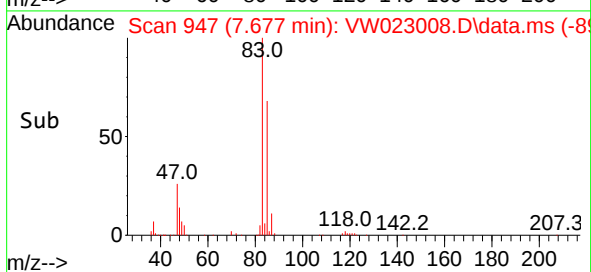
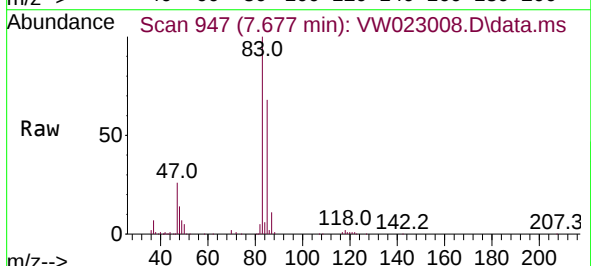
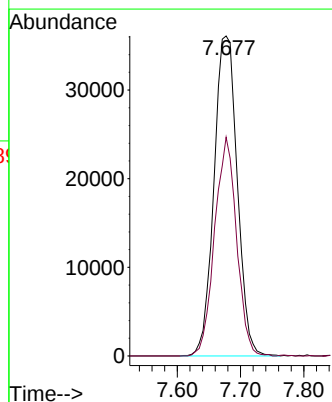
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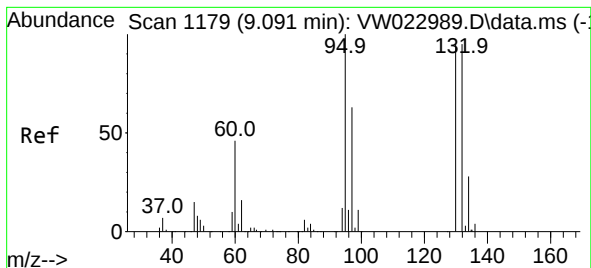
Tgt Ion: 83 Resp: 92202

Ion Ratio Lower Upper

83 100

85 68.3 46.6 86.6





#34

Trichloroethene

Concen: 6.773 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023008.D

Acq: 12 May 2022 17:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 14697

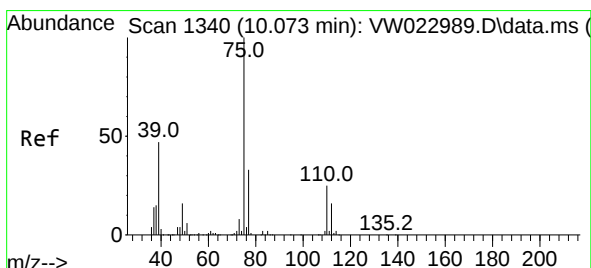
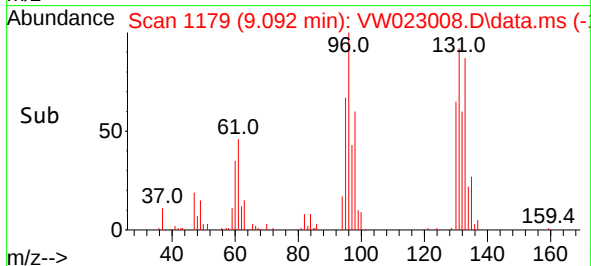
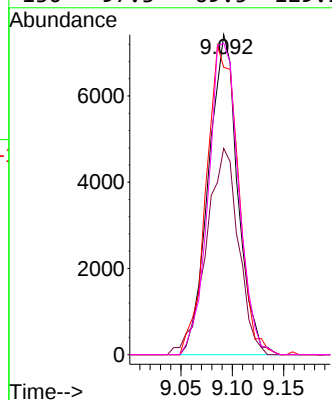
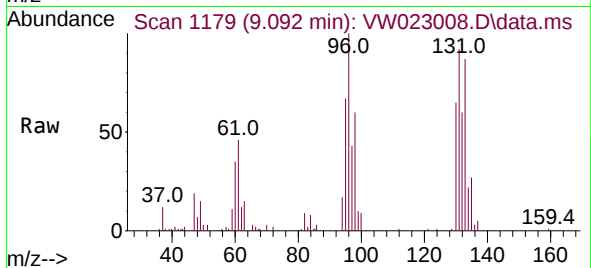
Ion Ratio Lower Upper

95 100

97 64.4 46.1 85.7

132 89.8 66.9 124.3

130 97.3 69.5 129.1



#39

cis-1,3-Dichloropropene

Concen: 0.559 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW023008.D

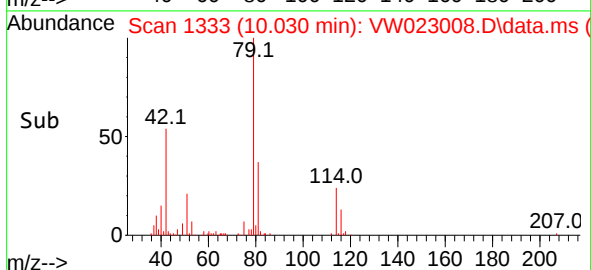
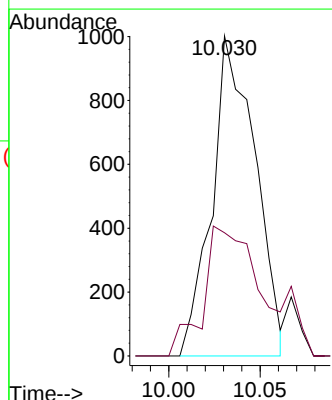
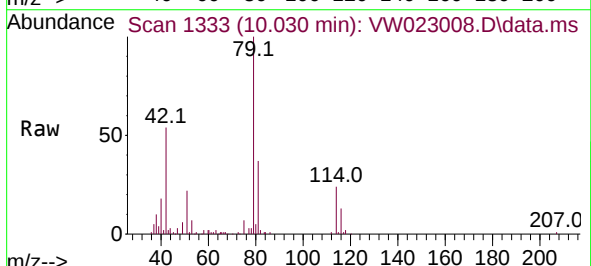
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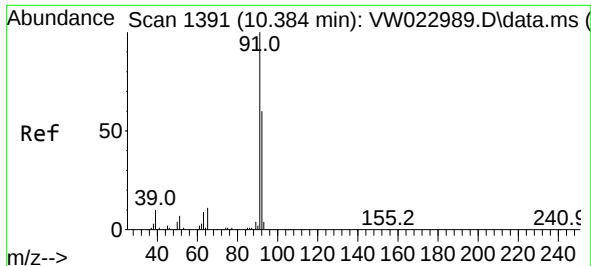
Tgt Ion: 75 Resp: 1654

Ion Ratio Lower Upper

75 100

77 38.5 22.1 41.1

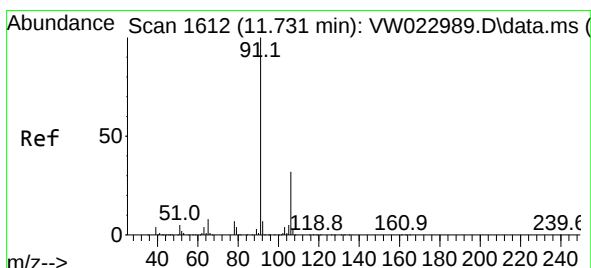
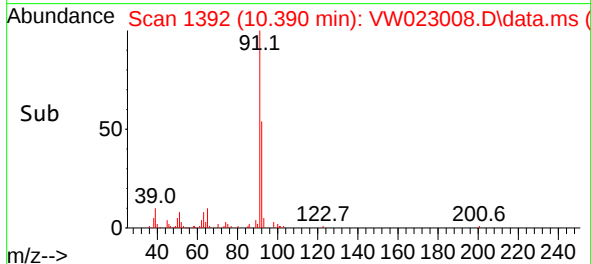
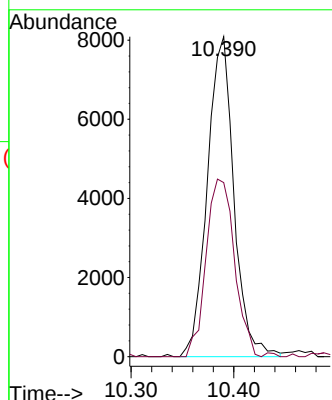
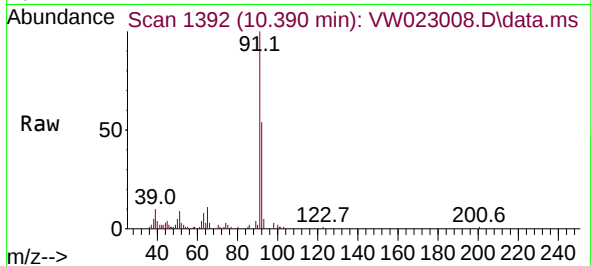




#42
Toluene
Concen: 1.646 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

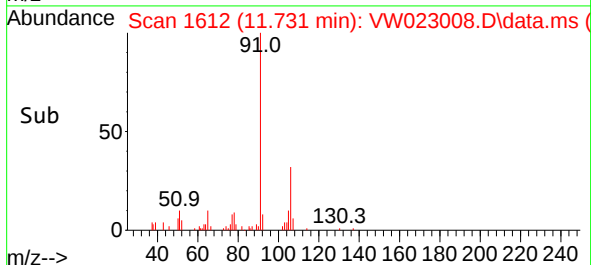
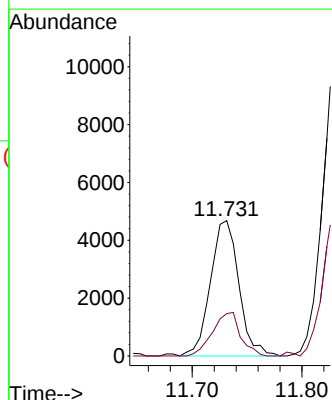
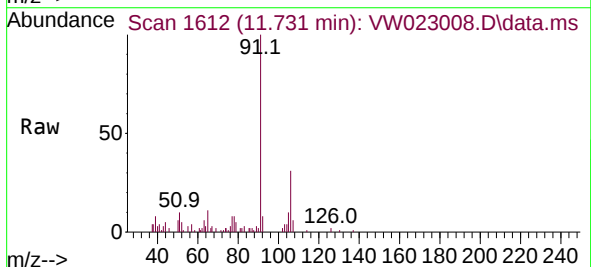
Instrument :
MSVOA_W
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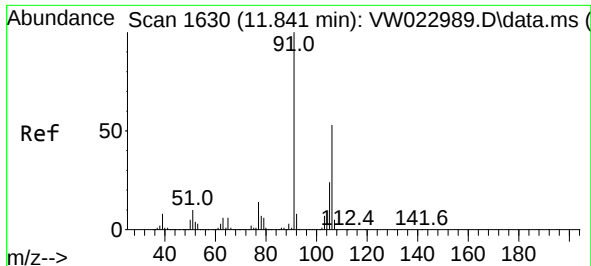
Tgt Ion: 91 Resp: 14556
Ion Ratio Lower Upper
91 100
92 54.4 41.6 77.2



#52
Ethylbenzene
Concen: 0.857 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

Tgt Ion: 91 Resp: 8434
Ion Ratio Lower Upper
91 100
106 31.4 22.3 41.3

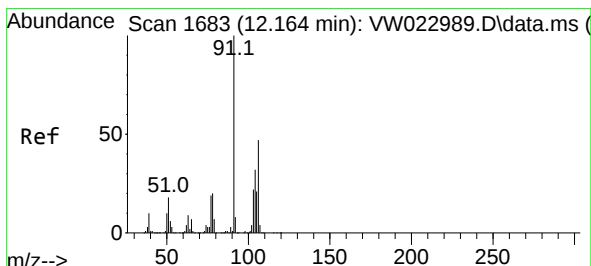
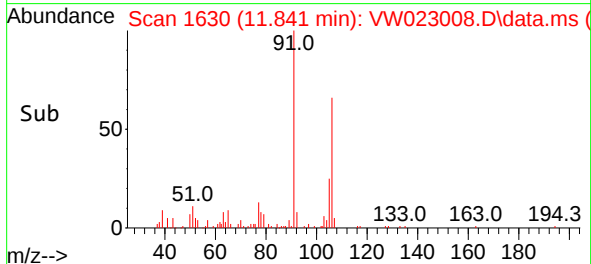
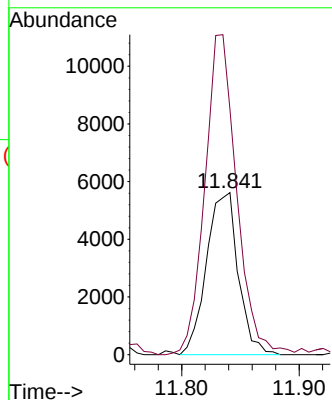
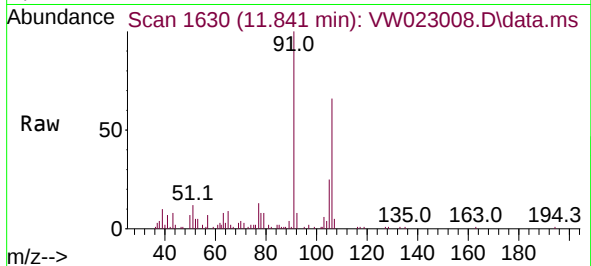




#53
m,p-Xylene
Concen: 2.721 ug/L
RT: 11.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

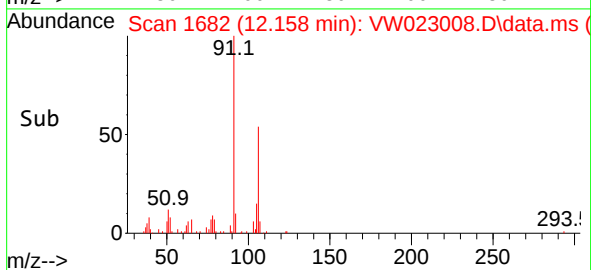
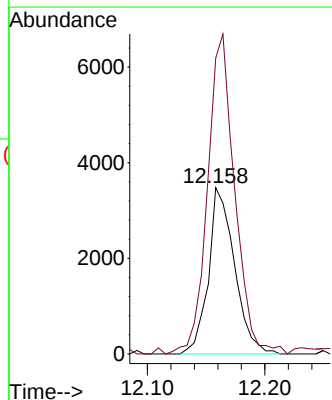
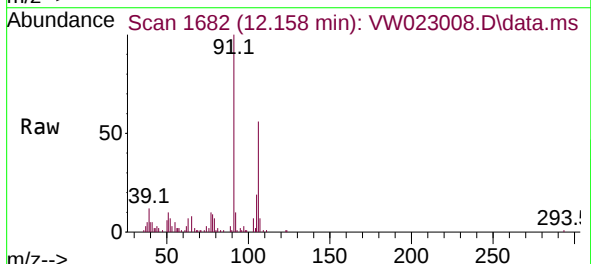
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MSVOA_W
ClientSampleId :

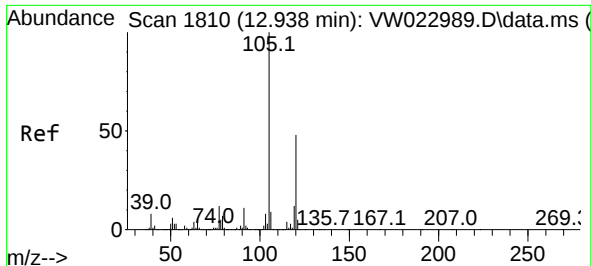
Tgt Ion:106 Resp: 10547
Ion Ratio Lower Upper
106 100
91 151.4 136.8 254.0



#54
o-Xylene
Concen: 1.442 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

Tgt Ion:106 Resp: 5364
Ion Ratio Lower Upper
106 100
91 178.0 147.2 273.4

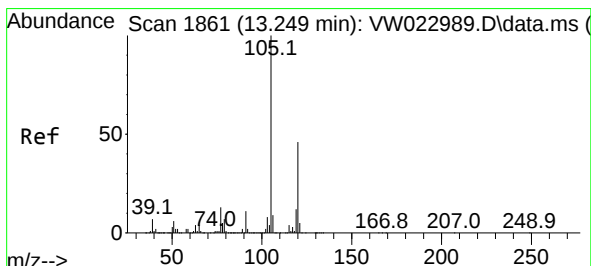
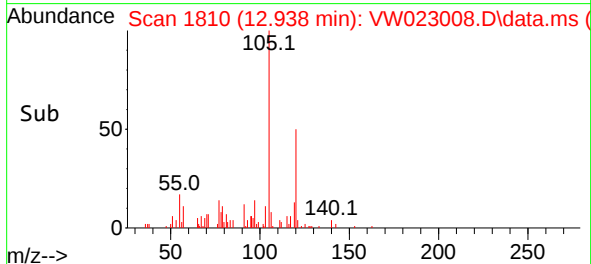
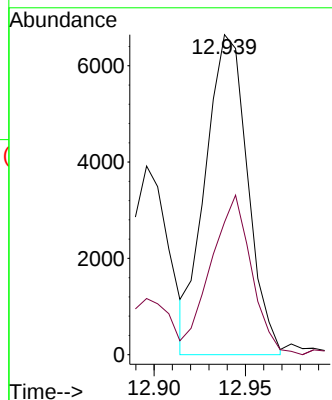
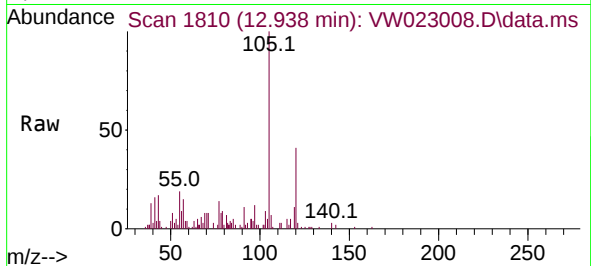




#62
1,3,5-Trimethylbenzene
Concen: 2.685 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

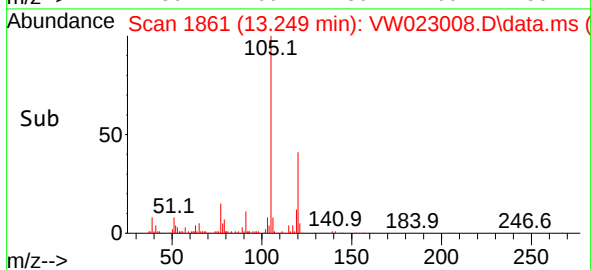
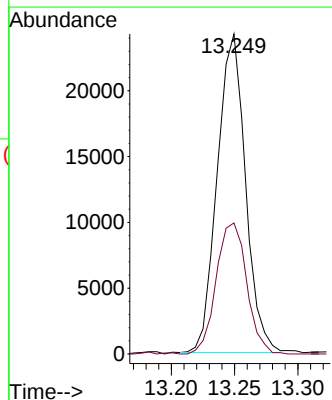
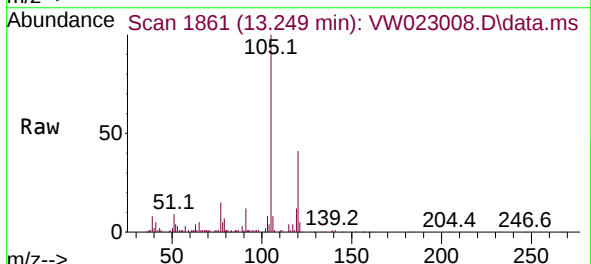
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ClientSampleId :

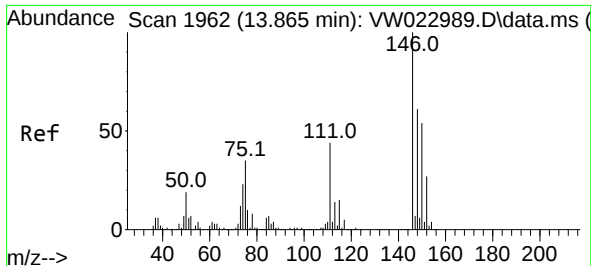
Tgt Ion:105 Resp: 10699
Ion Ratio Lower Upper
105 100
120 47.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 6.273 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

Tgt Ion:105 Resp: 37529
Ion Ratio Lower Upper
105 100
120 44.4 37.4 56.2





#67

1,2-Dichlorobenzene

Concen: 1.129 ug/L

RT: 13.865 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023008.D

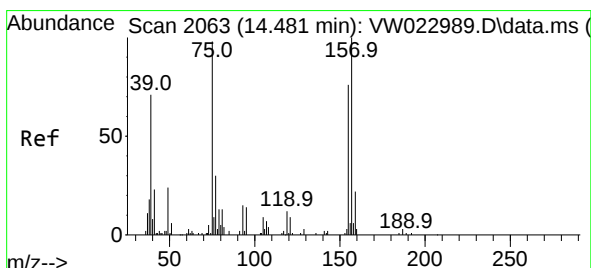
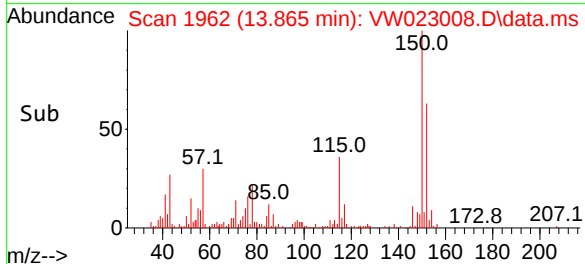
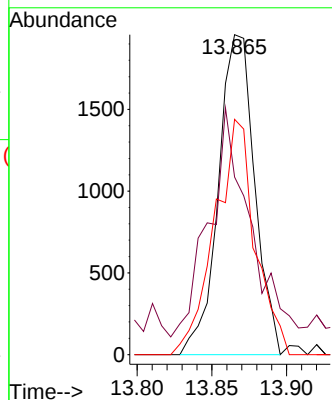
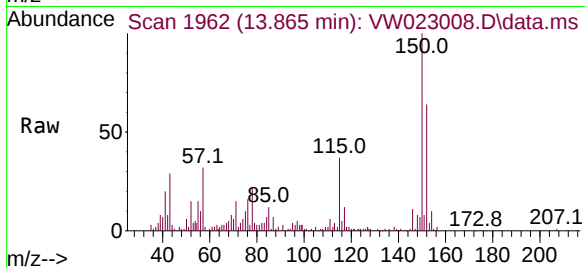
Acq: 12 May 2022 17:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	3304
Ion	Ratio	Lower	Upper
146	100		
111	55.5	35.7	53.5#
148	73.5	52.6	79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.472 ug/L

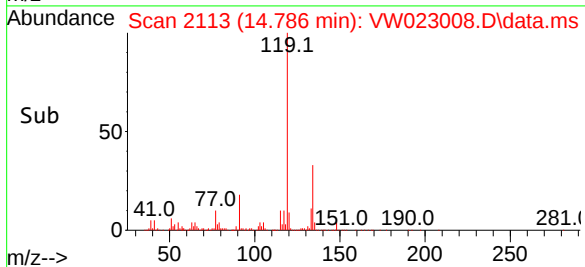
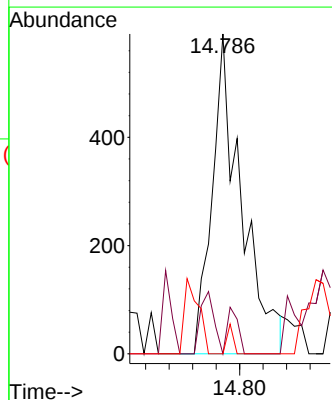
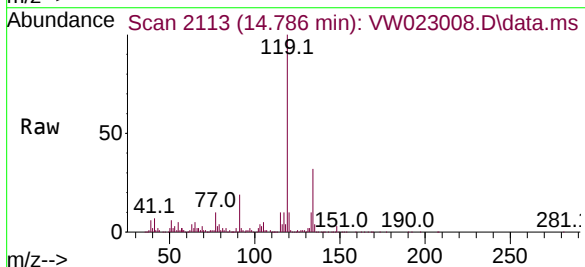
RT: 14.786 min Scan# 2113

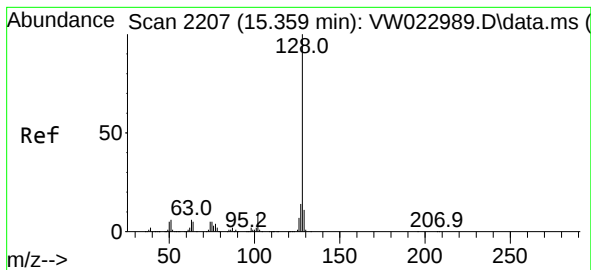
Delta R.T. 0.305 min

Lab File: VW023008.D

Acq: 12 May 2022 17:54

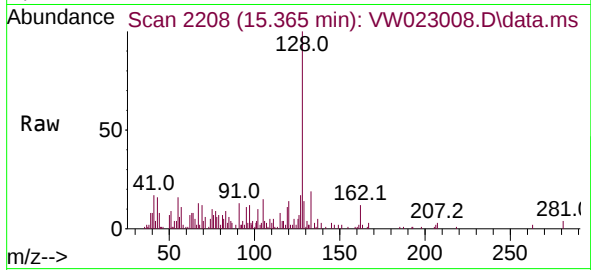
Tgt Ion:	75	Resp:	1021
Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.3	88.9#
157	0.0	89.8	134.8#





#71
Naphthalene
Concen: 2.366 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	8780
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	8.7	8.7	13.1#

