

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024013.D
 Acq On : 22 Jul 2022 17:38
 Operator : SY/VA
 Sample : N3743-16RE
 Misc : 6.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 23:14:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 23:08:43 2022
 Response via : Initial Calibration

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

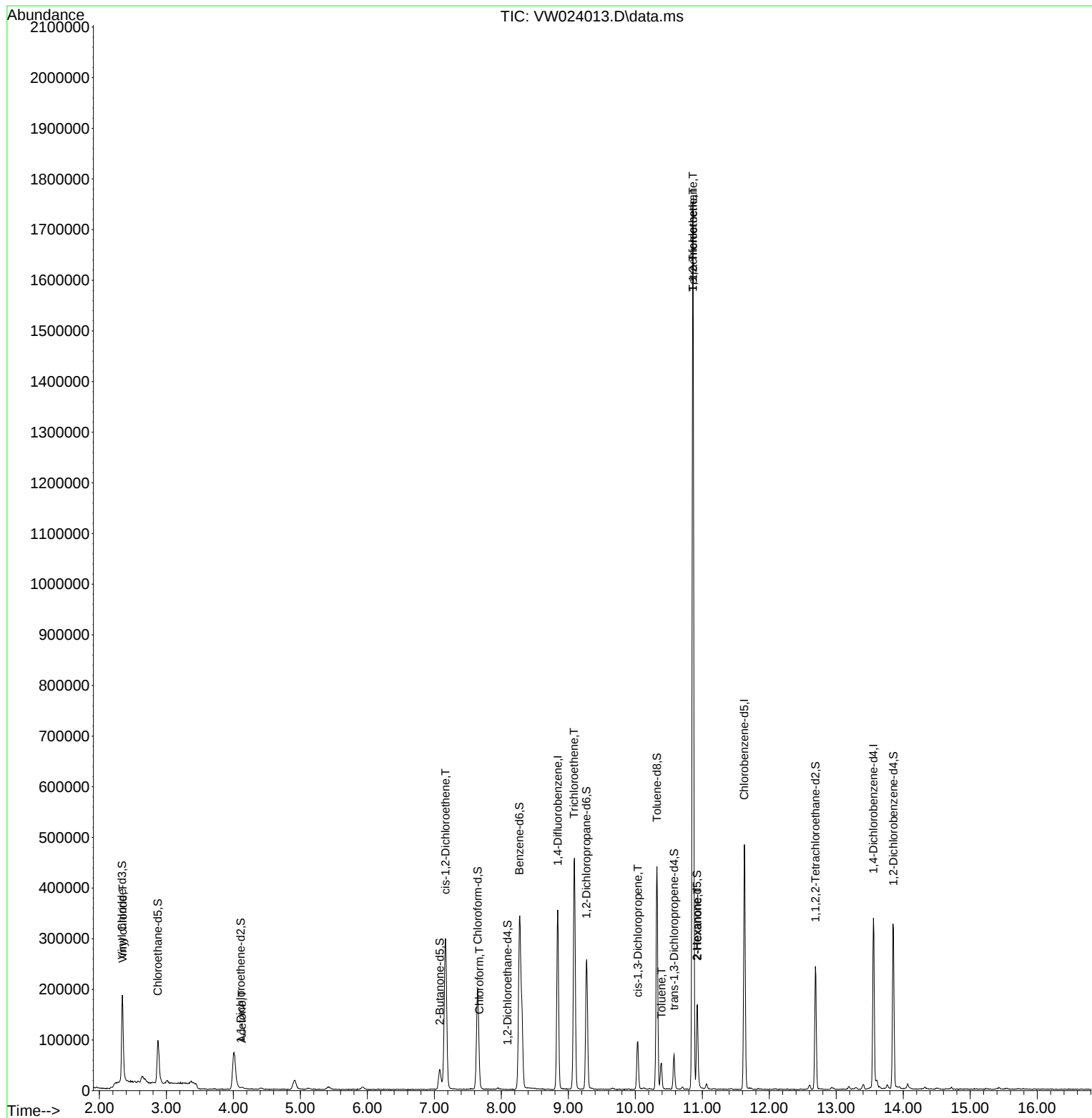
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	275386	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	249675	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82576	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	133553	18.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
7) Chloroethane-d5	2.873	69	102446	21.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.111	63	648	0.113	ug/L	0.09
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.440%#
21) 2-Butanone-d5	7.080	46	60923	55.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.680%
24) Chloroform-d	7.647	84	190193	23.721	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.880%
26) 1,2-Dichloroethane-d4	8.092	65	63	0.013	ug/L	-0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.269	84	332068	25.585	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.360%
36) 1,2-Dichloropropane-d6	9.268	67	109394	27.982	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.920%
41) Toluene-d8	10.323	98	277671	21.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.360%
43) trans-1,3-Dichloroprop...	10.579	79	34841	19.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.921	63	53179	64.688	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.380%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	112404	26.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	79834	27.083	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	49531	6.294	ug/L	94
13) Acetone	4.129	43	4800	6.223	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	165095	42.074	ug/L #	100
25) Chloroform	7.671	83	3907	0.519	ug/L	89
34) Trichloroethene	9.086	95	149182	39.817	ug/L	93
39) cis-1,3-Dichloropropene	10.037	75	3341	0.623	ug/L #	72
42) Toluene	10.390	91	37041	2.289	ug/L	100
45) 1,1,2-Trichloroethane	10.860	97	3863	1.242	ug/L #	11
46) Tetrachloroethene	10.860	164	327849	113.166	ug/L	91
48) 2-Hexanone	10.927	43	9462	5.250	ug/L #	68

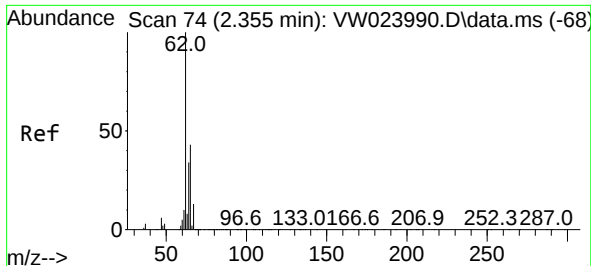
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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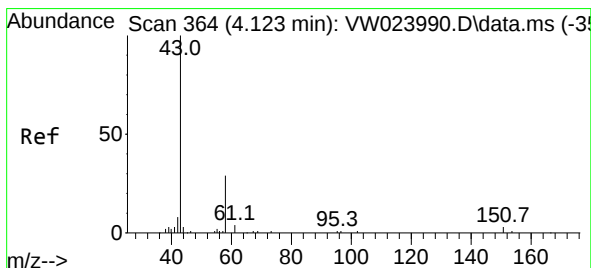
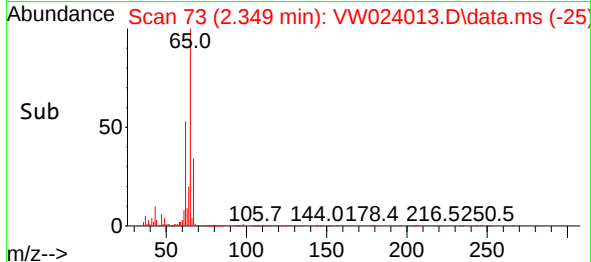
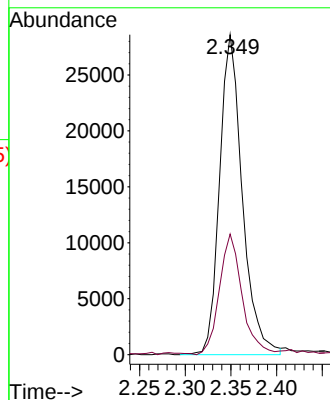
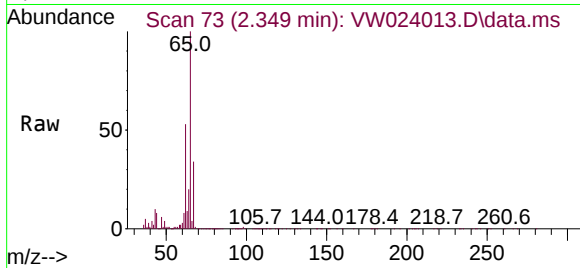




#5
 Vinyl chloride
 Concen: 6.294 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024013.D
 Acq: 22 Jul 2022 17:38

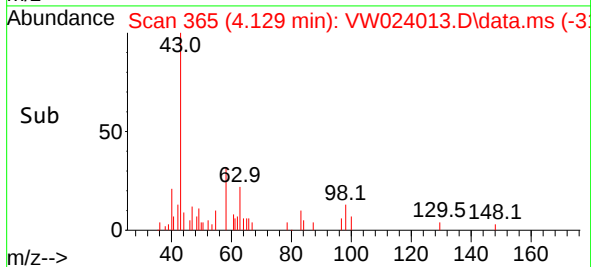
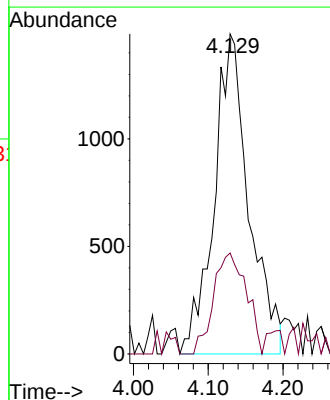
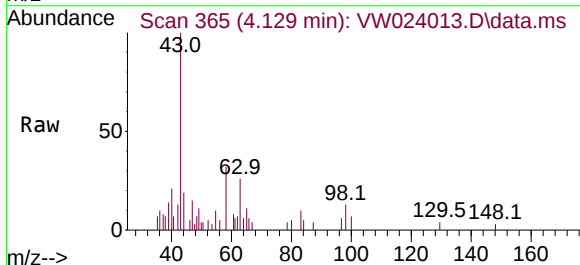
Instrument :
 MSVOA_W
 ClientSampleId :

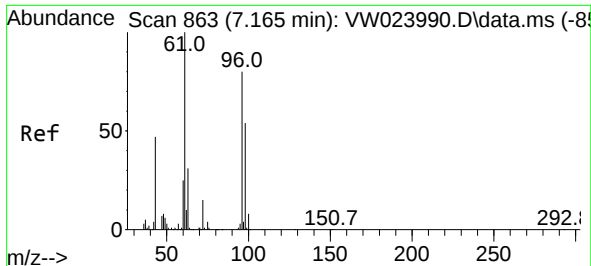
Tgt Ion: 62 Resp: 49531
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.0 44.6



#13
 Acetone
 Concen: 6.223 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW024013.D
 Acq: 22 Jul 2022 17:38

Tgt Ion: 43 Resp: 4800
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 64.2

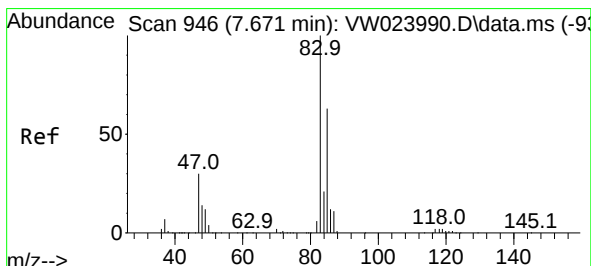
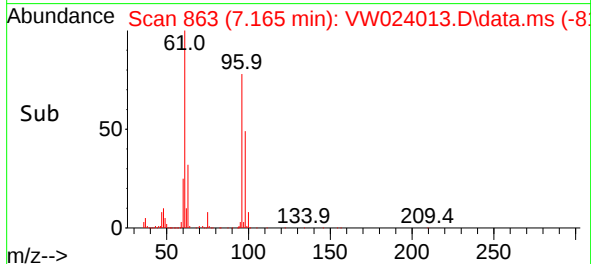
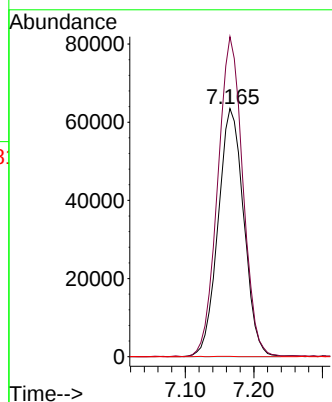
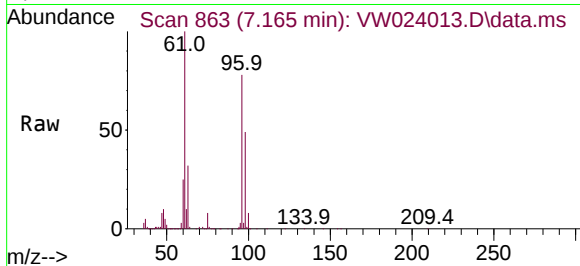




#20
 cis-1,2-Dichloroethene
 Concen: 42.074 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024013.D
 Acq: 22 Jul 2022 17:38

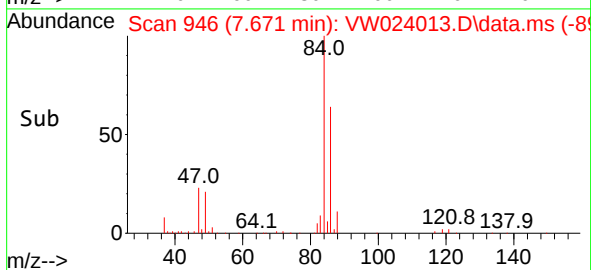
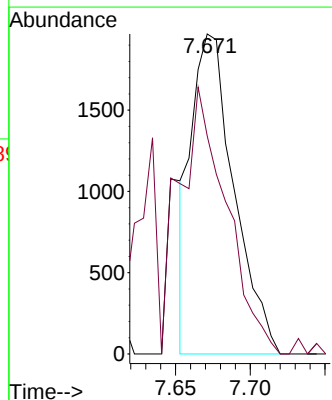
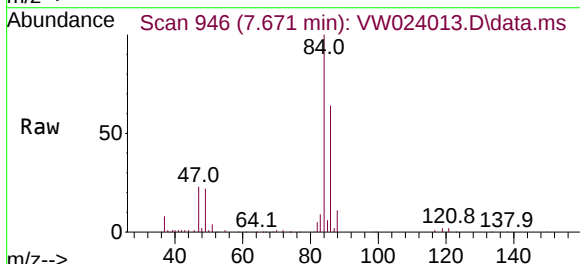
Instrument :
 MSVOA_W
 ClientSampleId :

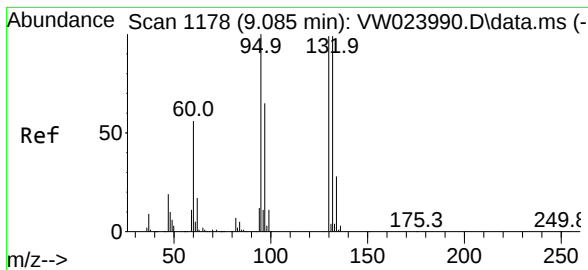
Tgt Ion: 96 Resp: 165095
 Ion Ratio Lower Upper
 96 100
 61 128.9 90.6 168.2
 68 0.1 0.2 0.4#



#25
 Chloroform
 Concen: 0.519 ug/L
 RT: 7.671 min Scan# 946
 Delta R.T. 0.000 min
 Lab File: VW024013.D
 Acq: 22 Jul 2022 17:38

Tgt Ion: 83 Resp: 3907
 Ion Ratio Lower Upper
 83 100
 85 68.1 41.9 77.9





#34

Trichloroethene

Concen: 39.817 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

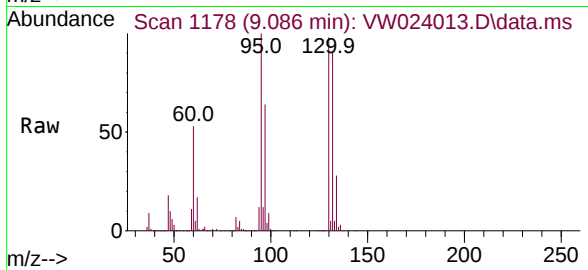
Lab File: VW024013.D

Acq: 22 Jul 2022 17:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 149182

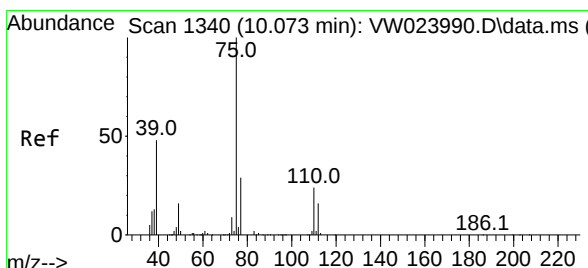
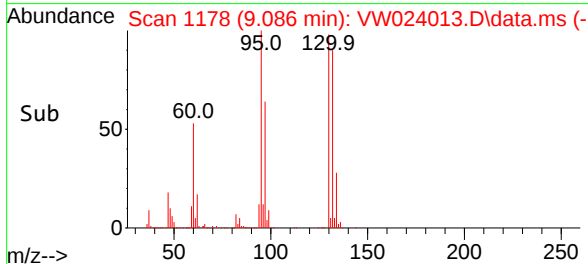
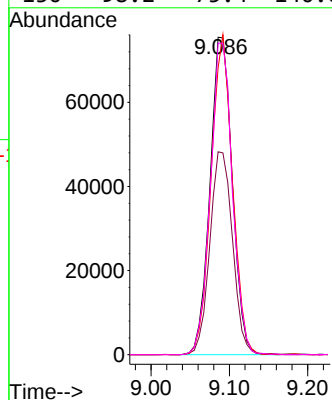
Ion Ratio Lower Upper

95 100

97 63.9 45.6 84.8

132 90.4 69.9 129.7

130 98.2 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW024013.D

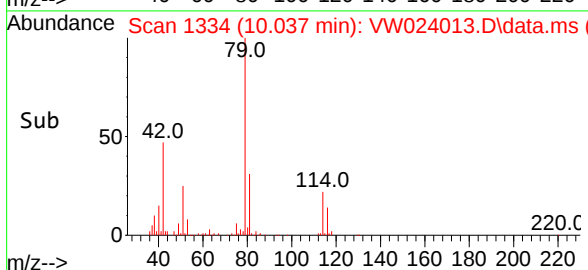
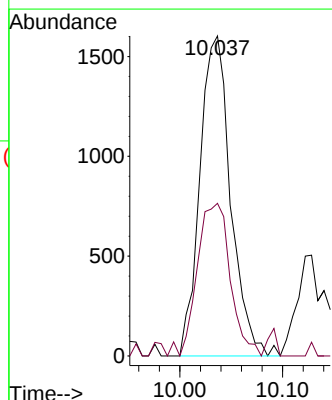
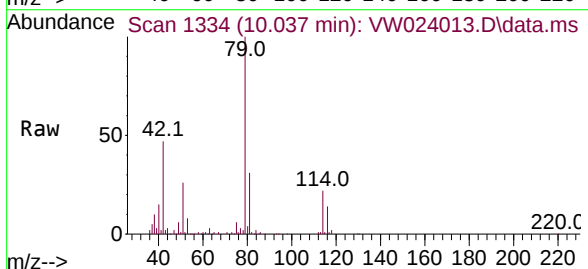
Acq: 22 Jul 2022 17:38

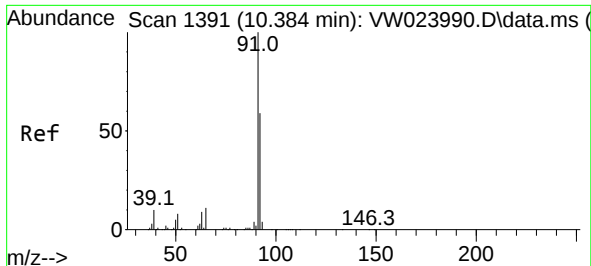
Tgt Ion: 75 Resp: 3341

Ion Ratio Lower Upper

75 100

77 47.7 22.5 41.9#

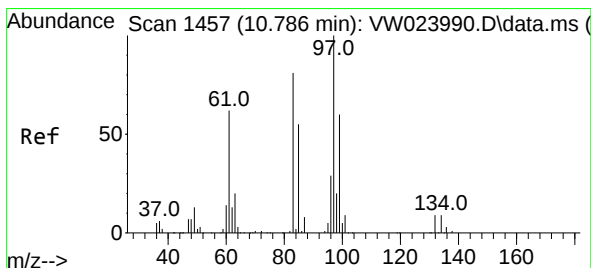
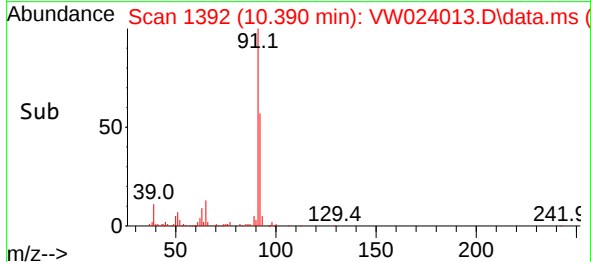
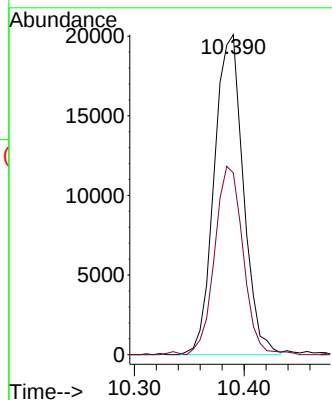
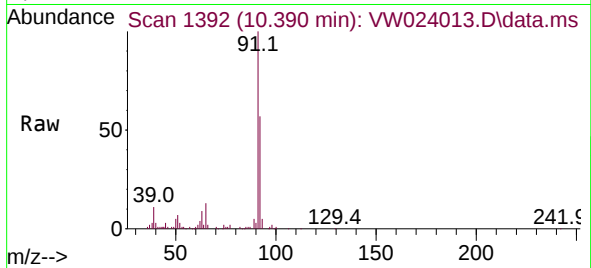




#42
Toluene
Concen: 2.289 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024013.D
Acq: 22 Jul 2022 17:38

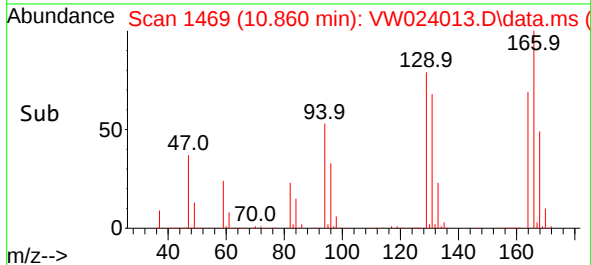
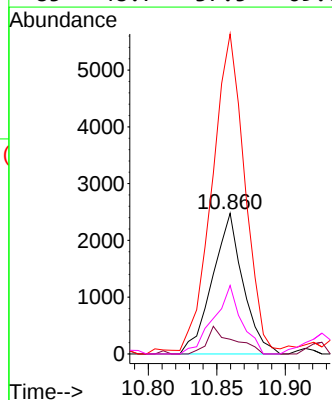
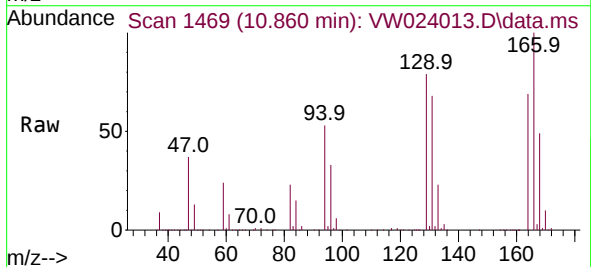
Instrument :
MSVOA_W
ClientSampleId :

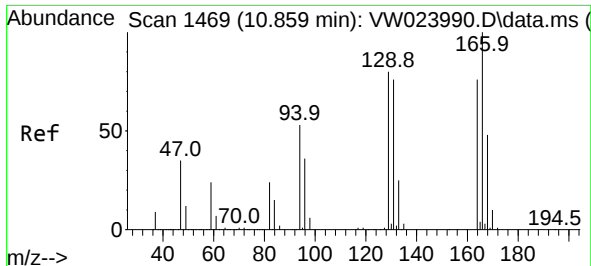
Tgt Ion: 91 Resp: 37041
Ion Ratio Lower Upper
91 100
92 56.8 39.9 74.1



#45
1,1,2-Trichloroethane
Concen: 1.242 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.073 min
Lab File: VW024013.D
Acq: 22 Jul 2022 17:38

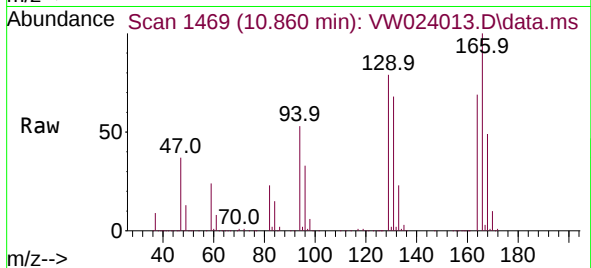
Tgt Ion: 97 Resp: 3863
Ion Ratio Lower Upper
97 100
99 10.5 44.2 82.2#
83 227.6 59.8 111.0#
85 48.7 37.5 69.6



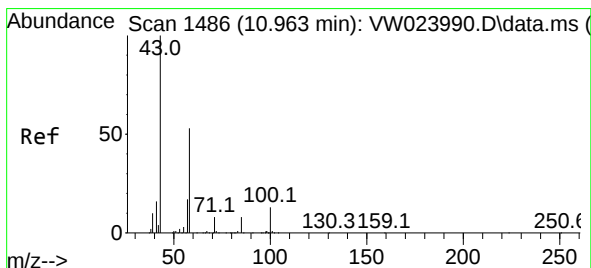
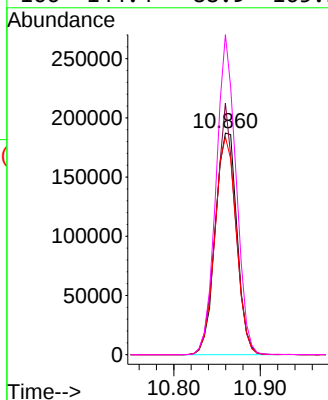
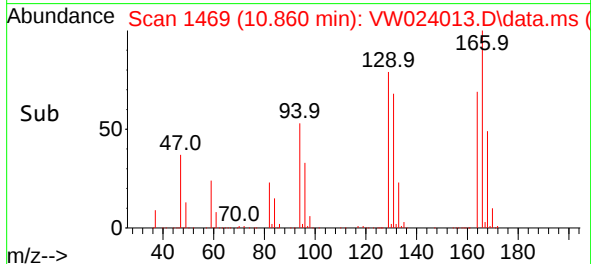


#46
Tetrachloroethene
Concen: 113.166 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024013.D
Acq: 22 Jul 2022 17:38

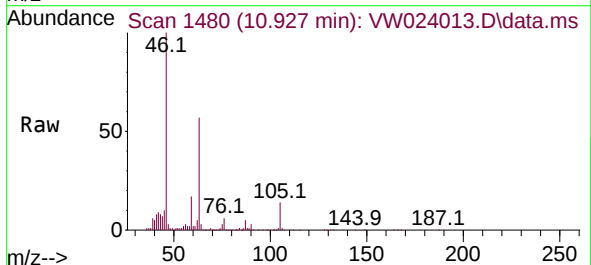
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 327849
Ion Ratio Lower Upper
164 100
129 113.6 72.4 134.5
131 98.2 67.8 125.8
166 144.4 88.9 165.1



#48
2-Hexanone
Concen: 5.250 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.036 min
Lab File: VW024013.D
Acq: 22 Jul 2022 17:38



Tgt Ion: 43 Resp: 9462
Ion Ratio Lower Upper
43 100
58 25.5 41.6 62.4#
57 26.5 14.6 21.8#
100 3.0 10.6 15.8#

