

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023807.D
 Acq On : 17 Jul 2022 00:08
 Operator : SY/VA
 Sample : N3702-19
 Misc : 6.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C73

Quant Time: Jul 18 03:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:58:45 2022
 Response via : Initial Calibration

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

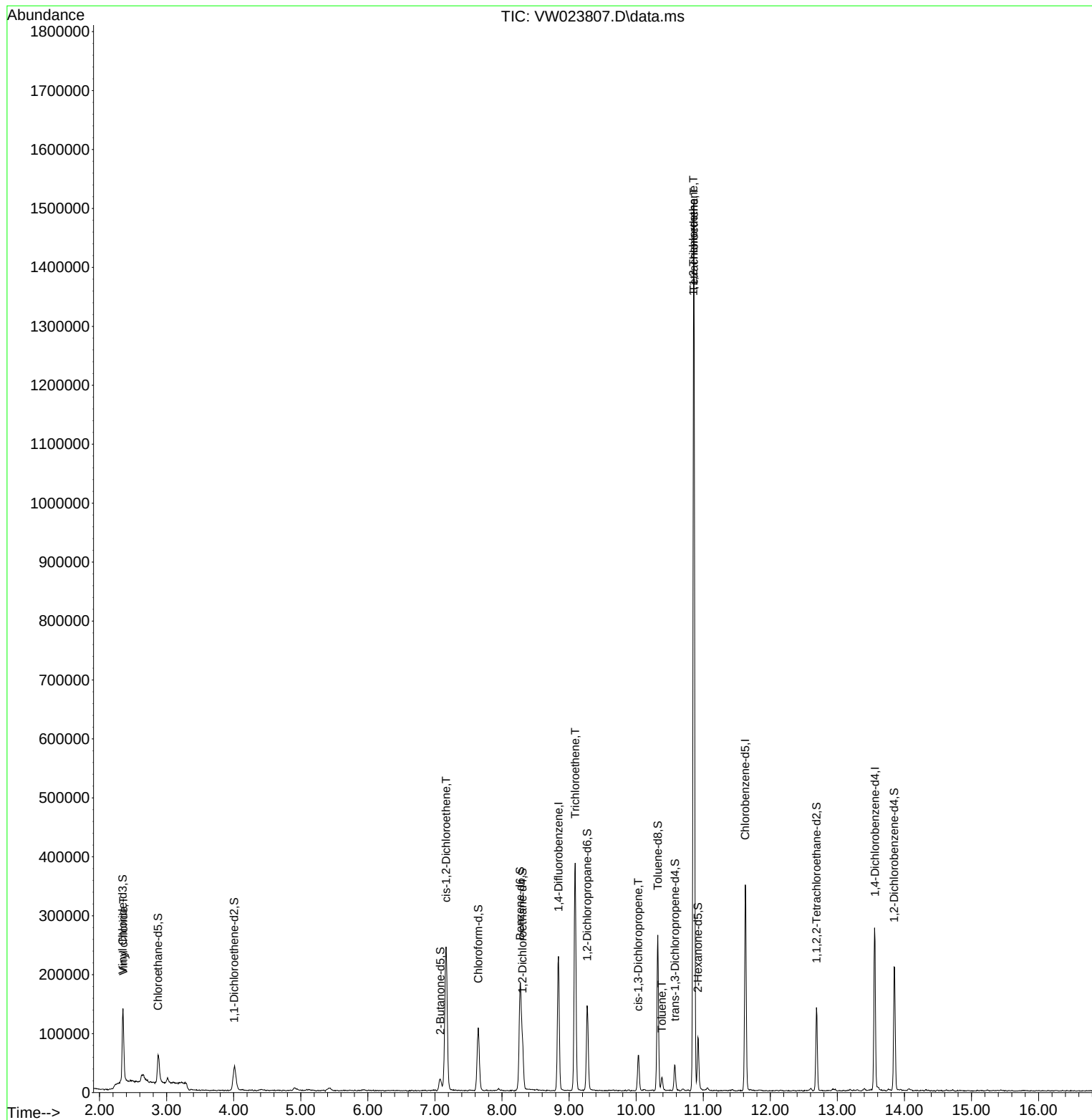
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174299	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	171620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	63598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	75707	17.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.040%
7) Chloroethane-d5	2.873	69	56821	19.133	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
11) 1,1-Dichloroethene-d2	4.007	63	37471	10.337	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.360%#
21) 2-Butanone-d5	7.080	46	31511	45.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.260%
24) Chloroform-d	7.647	84	96386	18.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.960%
26) 1,2-Dichloroethane-d4	8.305	65	58359	18.803	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	8.269	84	172822	19.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.480%
36) 1,2-Dichloropropane-d6	9.268	67	57748	21.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.960%
41) Toluene-d8	10.323	98	158190	17.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.920%
43) trans-1,3-Dichloroprop...	10.579	79	20995	16.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.680%
47) 2-Hexanone-d5	10.921	63	27445	48.568	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	61667	20.765	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.040%
66) 1,2-Dichlorobenzene-d4	13.847	152	49999	22.023	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.080%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.355	62	49433	9.925	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	133796	53.873	ug/L #	99
34) Trichloroethene	9.092	95	118230	45.908	ug/L	96
39) cis-1,3-Dichloropropene	10.030	75	1957	0.531	ug/L	85
42) Toluene	10.384	91	14421	1.297	ug/L	89
45) 1,1,2-Trichloroethane	10.854	97	3395	1.588	ug/L #	18
46) Tetrachloroethene	10.860	164	274338	137.764	ug/L	93

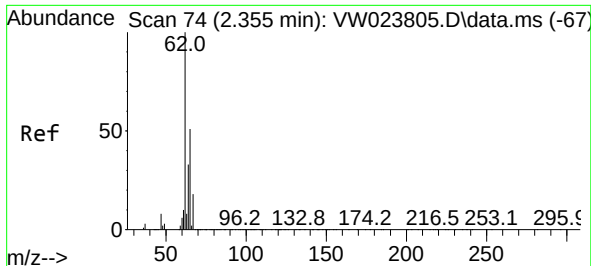
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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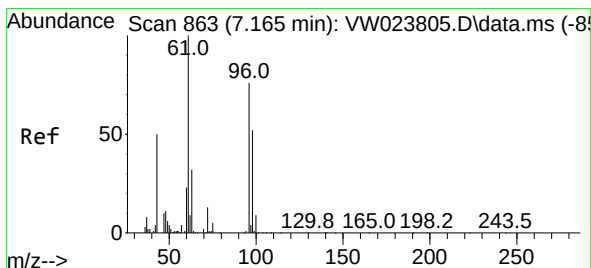
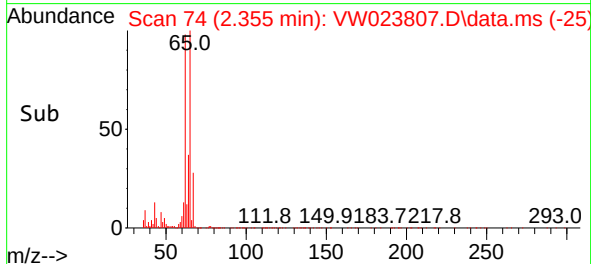
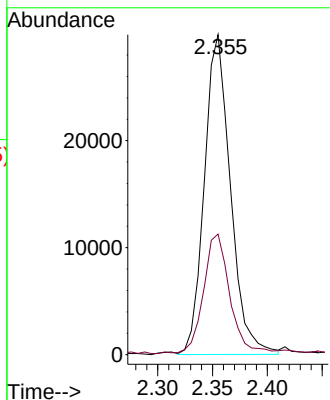
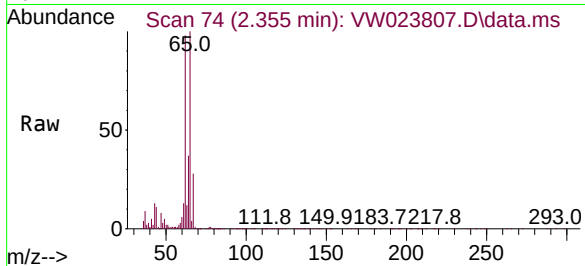




#5
 Vinyl chloride
 Concen: 9.925 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023807.D
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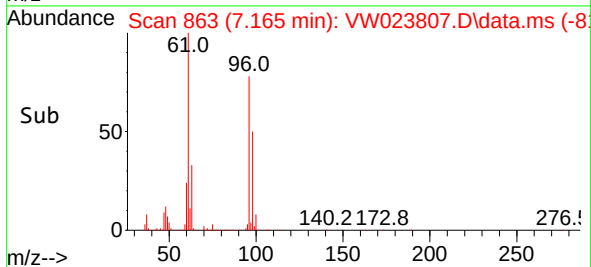
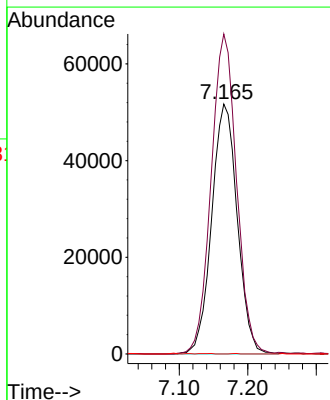
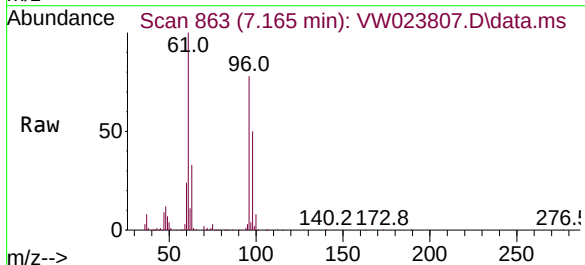
Instrument :
 MSVOA_W
 ClientSampleId :
 F5C73

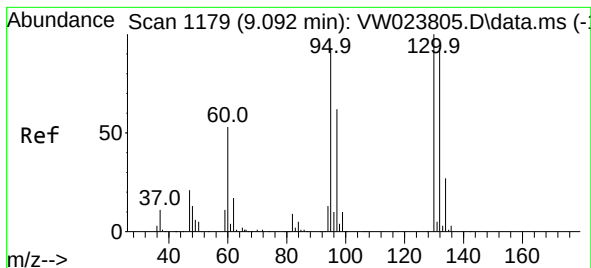
Tgt Ion: 62 Resp: 49433
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.0 44.6



#20
 cis-1,2-Dichloroethene
 Concen: 53.873 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023807.D
 Acq: 17 Jul 2022 00:08

Tgt Ion: 96 Resp: 133796
 Ion Ratio Lower Upper
 96 100
 61 128.1 90.6 168.2
 68 0.0 0.2 0.4





#34

Trichloroethene

Concen: 45.908 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023807.D

Acq: 17 Jul 2022 00:08

Instrument :

MSVOA_W

ClientSampleId :

F5C73

Tgt Ion: 95 Resp: 118230

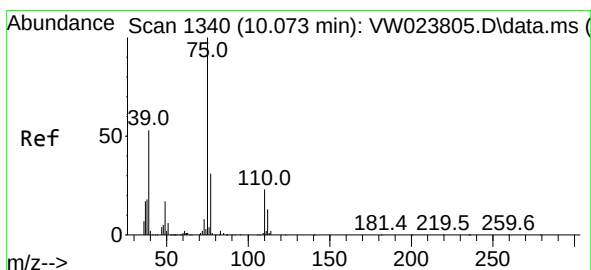
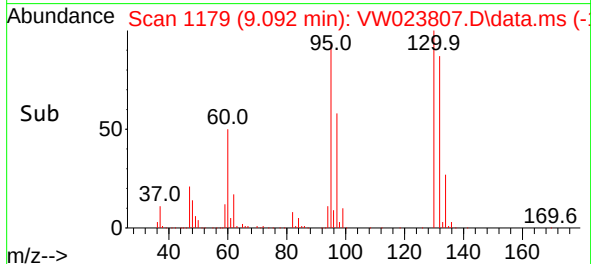
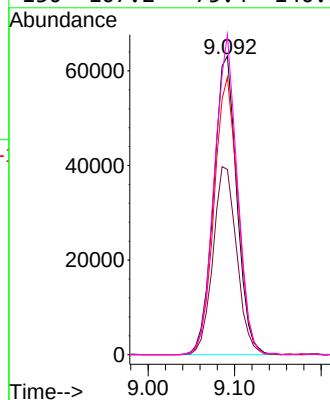
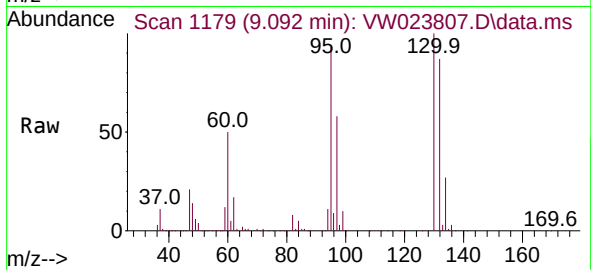
Ion Ratio Lower Upper

95 100

97 62.1 45.6 84.8

132 93.0 69.9 129.7

130 107.2 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.531 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW023807.D

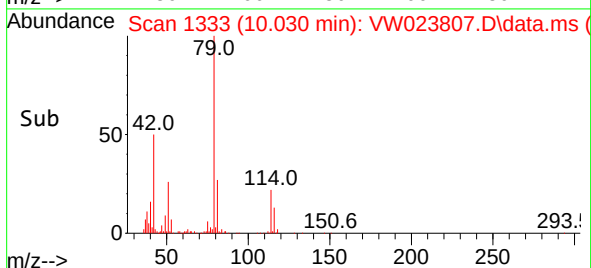
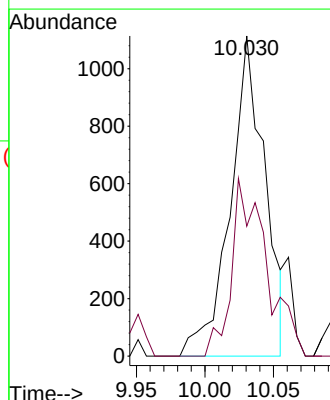
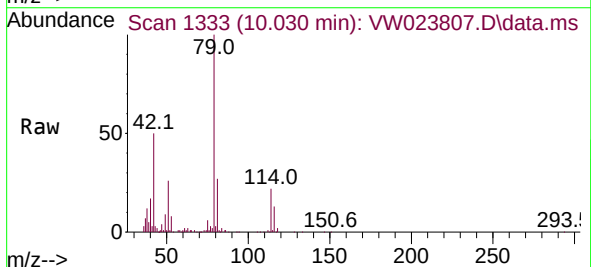
Acq: 17 Jul 2022 00:08

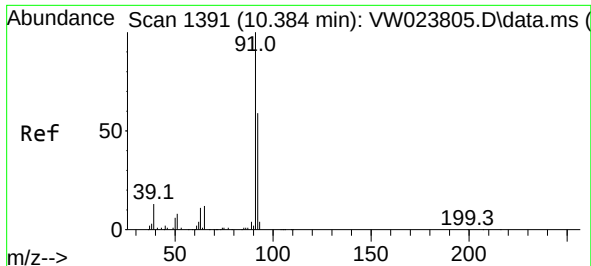
Tgt Ion: 75 Resp: 1957

Ion Ratio Lower Upper

75 100

77 40.6 22.5 41.9

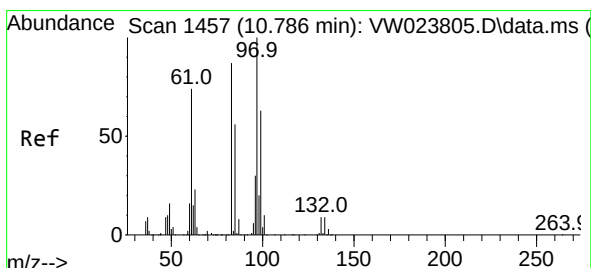
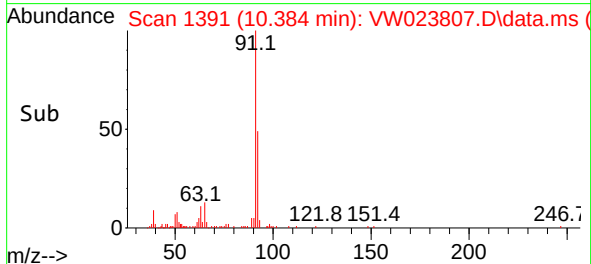
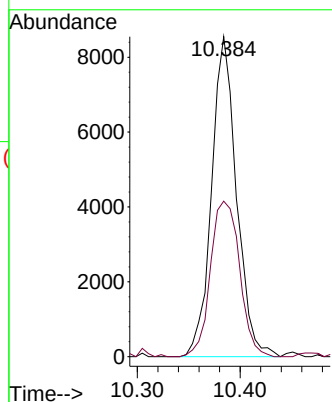
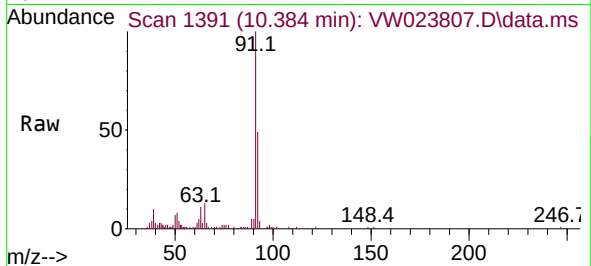




#42
Toluene
Concen: 1.297 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023807.D
Acq: 17 Jul 2022 00:08

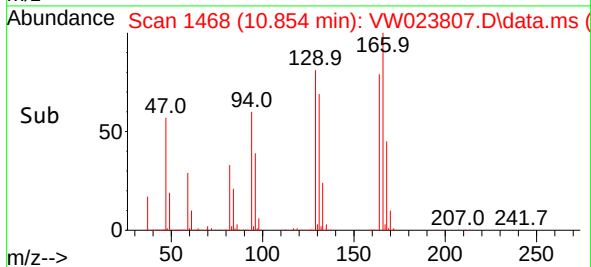
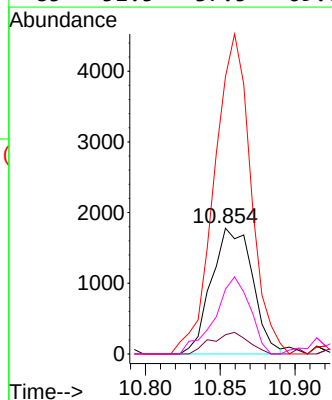
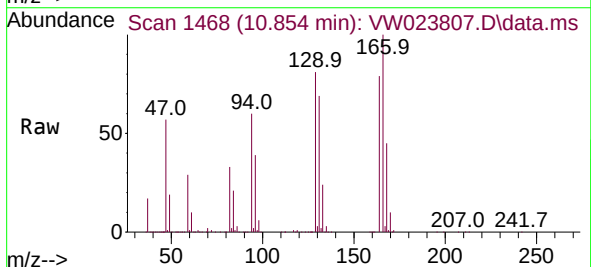
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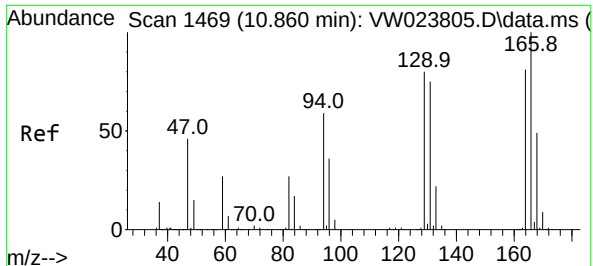
Tgt Ion: 91 Resp: 14421
Ion Ratio Lower Upper
91 100
92 48.6 39.9 74.1



#45
1,1,2-Trichloroethane
Concen: 1.588 ug/L
RT: 10.854 min Scan# 1468
Delta R.T. 0.067 min
Lab File: VW023807.D
Acq: 17 Jul 2022 00:08

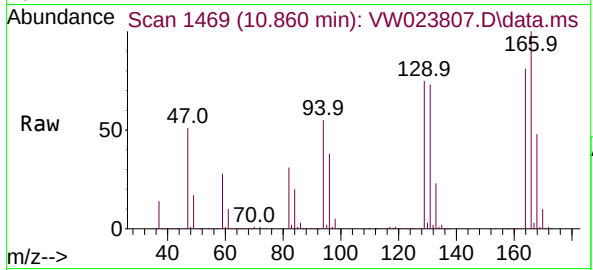
Tgt Ion: 97 Resp: 3395
Ion Ratio Lower Upper
97 100
99 15.3 44.2 82.2#
83 220.5 59.8 111.0#
85 51.5 37.5 69.6





#46
 Tetrachloroethene
 Concen: 137.764 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VW023807.D
 Acq: 17 Jul 2022 00:08

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C73



Tgt Ion:164 Resp: 274338

Ion	Ratio	Lower	Upper
164	100		
129	92.5	72.4	134.5
131	89.8	67.8	125.8
166	122.8	88.9	165.1

