

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023901.D
 Acq On : 19 Jul 2022 22:55
 Operator : SY/VA
 Sample : N3743-05
 Misc : 5.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 03:01:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 02:42:08 2022
 Response via : Initial Calibration

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

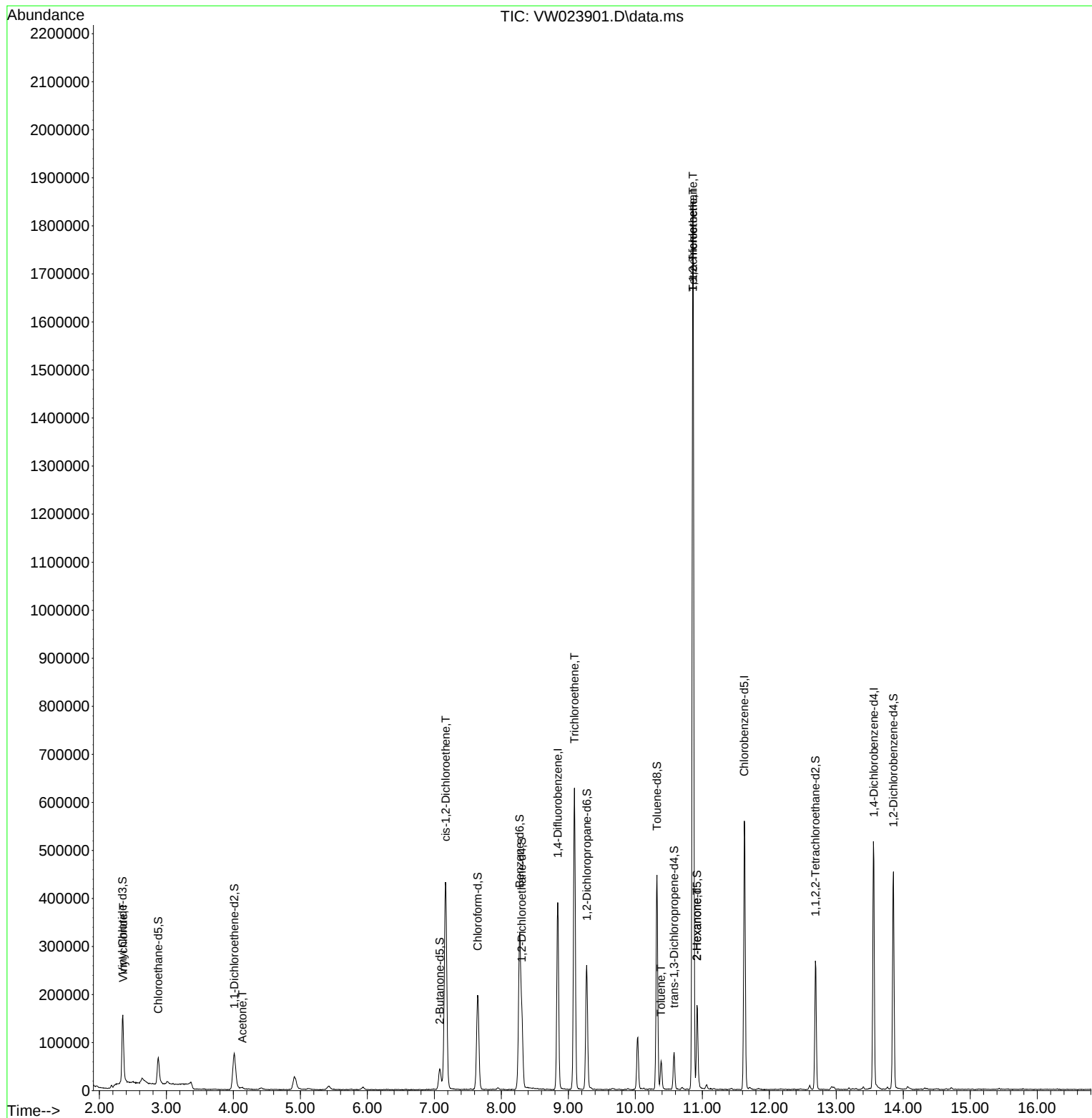
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320062	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	293334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	125950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	86762	10.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.440%
7) Chloroethane-d5	2.879	69	66797	12.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.000%
11) 1,1-Dichloroethene-d2	4.013	63	77974	11.714	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.840%
21) 2-Butanone-d5	7.080	46	67346	53.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.220%
24) Chloroform-d	7.647	84	194654	20.889	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.560%
26) 1,2-Dichloroethane-d4	8.305	65	111900	19.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.520%
32) Benzene-d6	8.275	84	329952	21.638	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	9.274	67	112686	24.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.323	98	287112	18.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.240%
43) trans-1,3-Dichloroprop...	10.579	79	41029	19.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.240%
47) 2-Hexanone-d5	10.920	63	54822	56.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	124287	24.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	109644	24.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.560%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.355	62	61484	6.722	ug/L	99
13) Acetone	4.135	43	5419	6.045	ug/L	72
20) cis-1,2-Dichloroethene	7.171	96	248869	54.571	ug/L #	92
34) Trichloroethene	9.092	95	205206	46.618	ug/L	97
42) Toluene	10.384	91	41157	2.165	ug/L	97
45) 1,1,2-Trichloroethane	10.860	97	3886	1.063	ug/L #	1
46) Tetrachloroethene	10.860	164	374084	109.907	ug/L	96
48) 2-Hexanone	10.920	43	8123	3.836	ug/L #	58

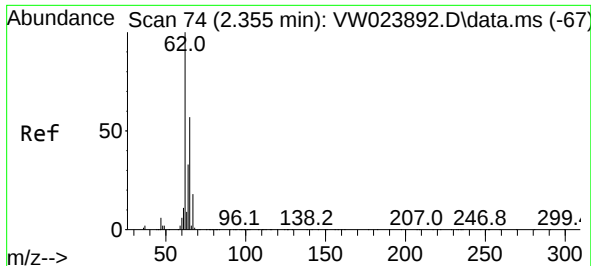
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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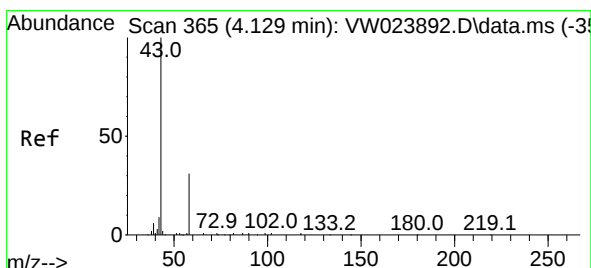
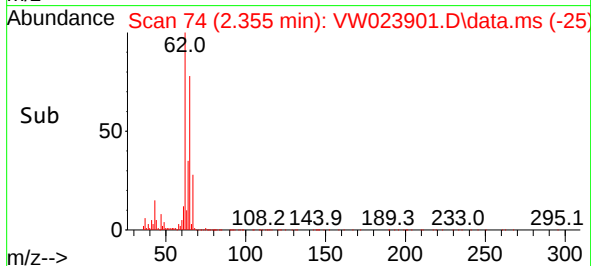
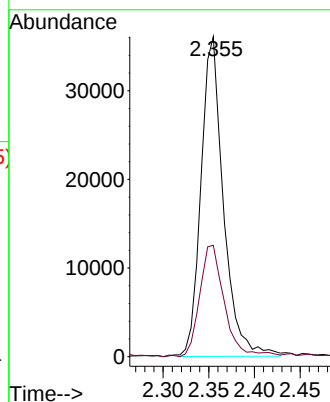
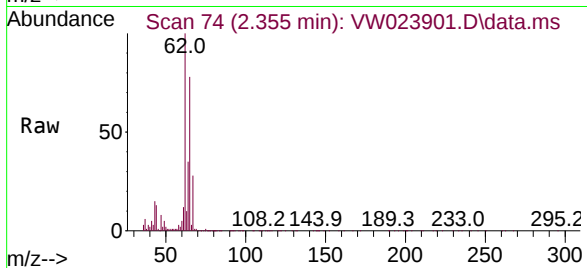




#5
 Vinyl chloride
 Concen: 6.722 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023901.D
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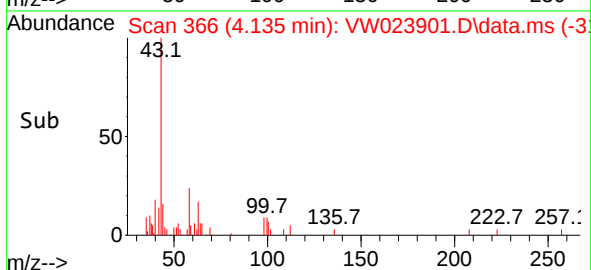
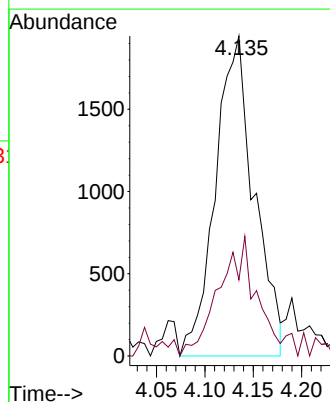
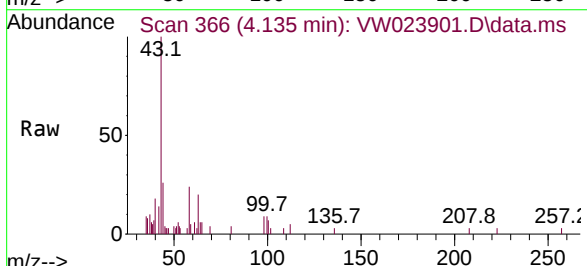
Instrument :
 MSVOA_W
 ClientSampleId :

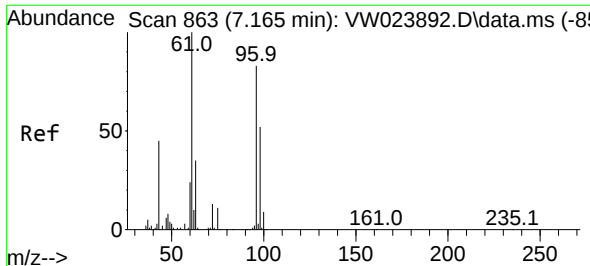
Tgt Ion: 62 Resp: 61484
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.0 44.6



#13
 Acetone
 Concen: 6.045 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: VW023901.D
 Acq: 19 Jul 2022 22:55

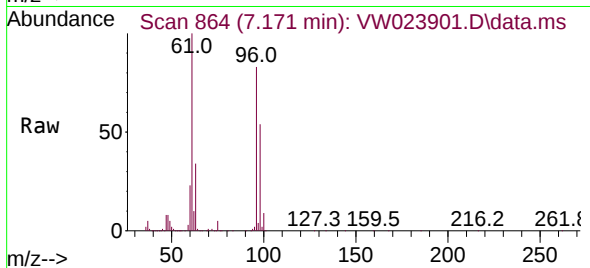
Tgt Ion: 43 Resp: 5419
 Ion Ratio Lower Upper
 43 100
 58 16.2 0.0 64.2



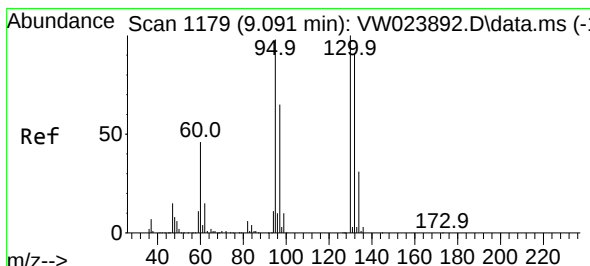
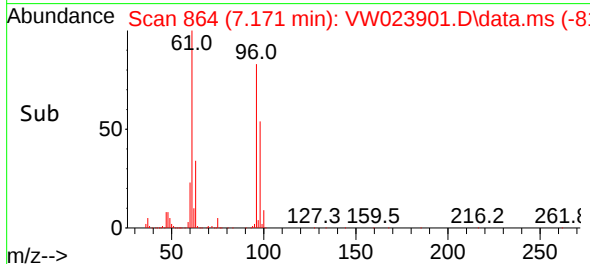
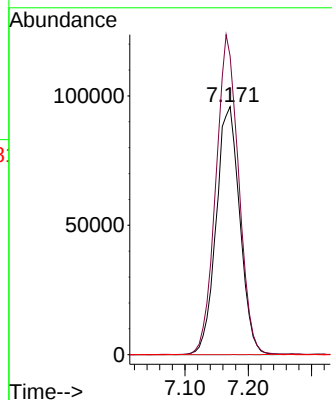


#20
cis-1,2-Dichloroethene
Concen: 54.571 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

Instrument :
MSVOA_W
ClientSampleId :

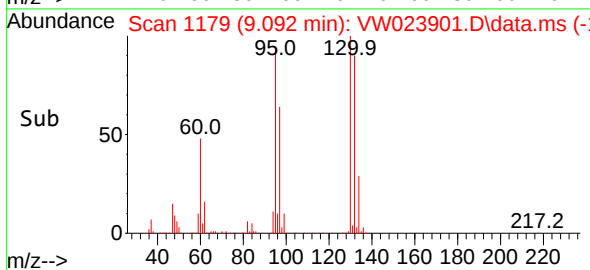
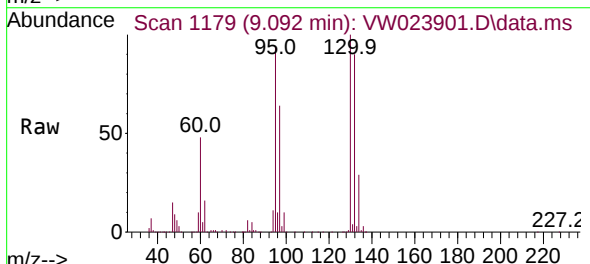
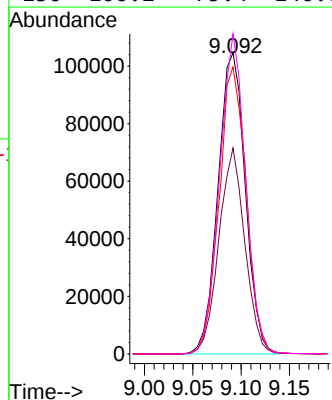


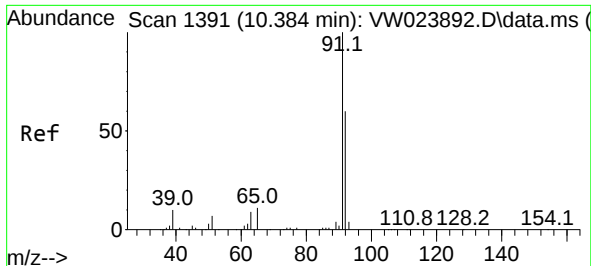
Tgt Ion: 96 Resp: 248869
Ion Ratio Lower Upper
96 100
61 120.4 90.6 168.2
68 0.0 0.2 0.4#



#34
Trichloroethene
Concen: 46.618 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

Tgt Ion: 95 Resp: 205206
Ion Ratio Lower Upper
95 100
97 68.3 45.6 84.8
132 95.3 69.9 129.7
130 106.2 75.4 140.0

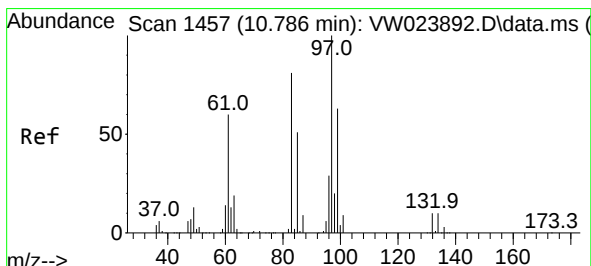
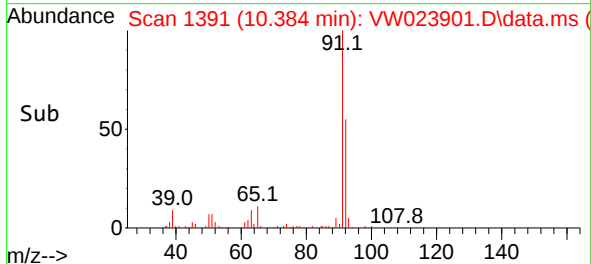
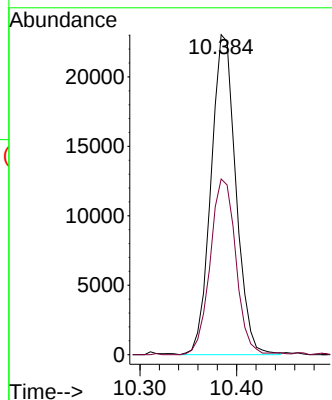
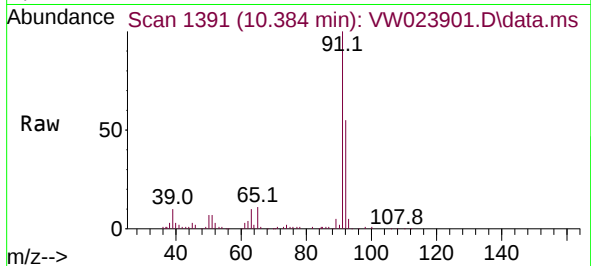




#42
Toluene
Concen: 2.165 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

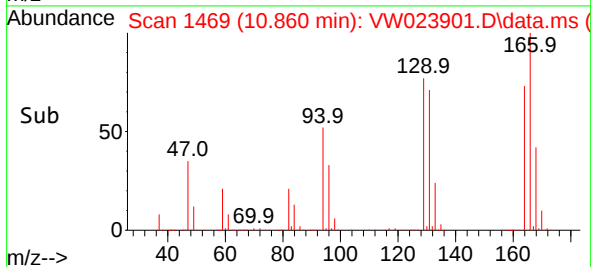
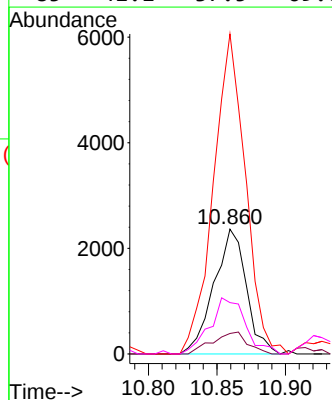
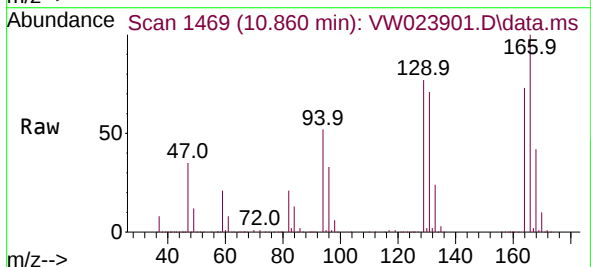
Instrument :
MSVOA_W
ClientSampleId :

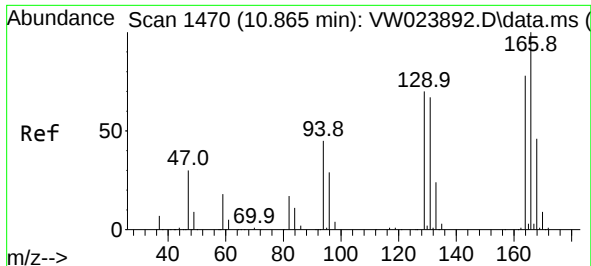
Tgt Ion: 91 Resp: 41157
Ion Ratio Lower Upper
91 100
92 54.9 39.9 74.1



#45
1,1,2-Trichloroethane
Concen: 1.063 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.073 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

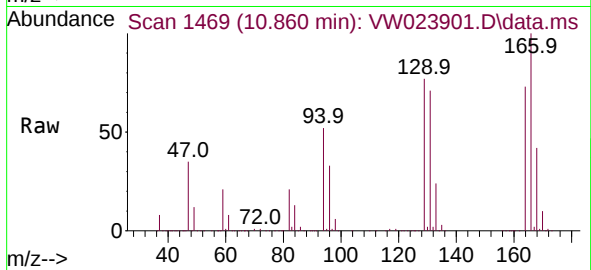
Tgt Ion: 97 Resp: 3886
Ion Ratio Lower Upper
97 100
99 16.4 44.2 82.2#
83 256.3 59.8 111.0#
85 41.1 37.5 69.6



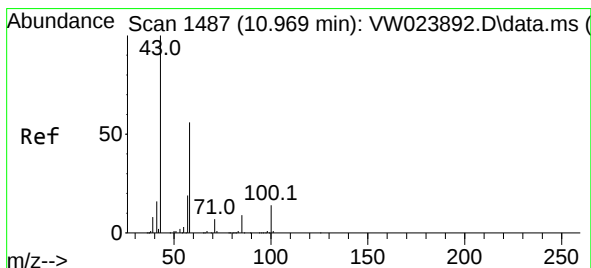
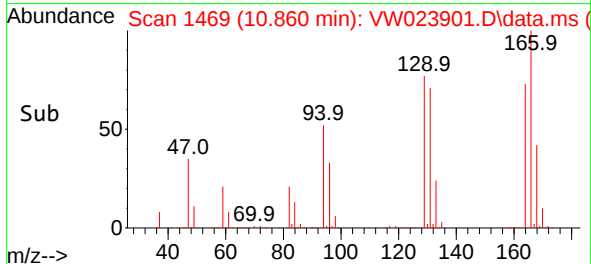
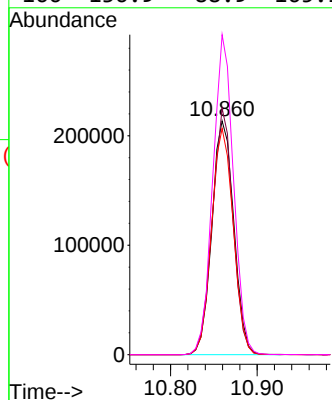


#46
Tetrachloroethene
Concen: 109.907 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 374084
Ion Ratio Lower Upper
164 100
129 105.4 72.4 134.5
131 96.8 67.8 125.8
166 136.9 88.9 165.1



#48
2-Hexanone
Concen: 3.836 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

Tgt Ion: 43 Resp: 8123
Ion Ratio Lower Upper
43 100
58 18.1 41.6 62.4#
57 32.2 14.6 21.8#
100 0.3 10.6 15.8#

