

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024656.D
 Acq On : 28 Sep 2022 14:18
 Operator : SY/VA
 Sample : N4858-01RE
 Misc : 5.32g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSE8RE

Quant Time: Sep 29 04:44:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 29 04:41:43 2022
 Response via : Initial Calibration

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

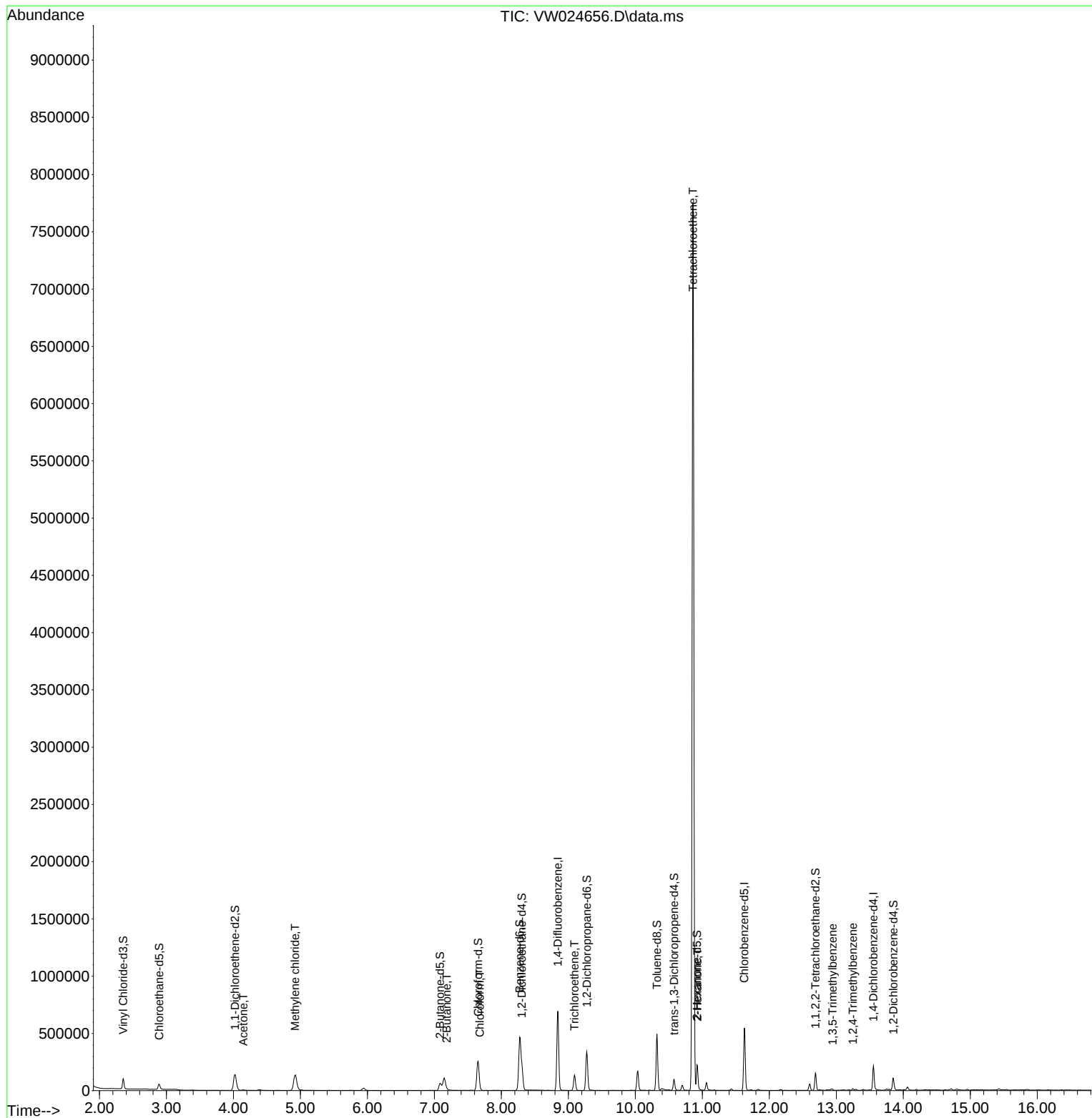
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	573254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	300102	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	52537	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85307	14.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.880%
7) Chloroethane-d5	2.891	69	55313	15.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.480%
11) 1,1-Dichloroethene-d2	4.025	63	141805	10.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.880%#
21) 2-Butanone-d5	7.086	46	114747	53.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.420%
24) Chloroform-d	7.653	84	265637	17.333	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.320%
26) 1,2-Dichloroethane-d4	8.305	65	144800	18.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.840%
32) Benzene-d6	8.275	84	488079	25.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.274	67	165845	28.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.200%
41) Toluene-d8	10.323	98	318770	18.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.360%
43) trans-1,3-Dichloroprop...	10.579	79	55812	21.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.520%
47) 2-Hexanone-d5	10.920	63	81127	80.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.820%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	77889	18.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	26864	14.531	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	58.120%#
Target Compounds	Qvalue					
13) Acetone	4.147	43	8175	5.196	ug/L	63
16) Methylene chloride	4.922	84	112621	10.003	ug/L	99
22) 2-Butanone	7.183	43	13061	5.190	ug/L #	60
25) Chloroform	7.677	83	7366	0.493	ug/L	98
34) Trichloroethene	9.091	95	47399	8.903	ug/L	93
46) Tetrachloroethene	10.859	164	1651906	456.677	ug/L	96
48) 2-Hexanone	10.927	43	8732	4.207	ug/L #	67
62) 1,3,5-Trimethylbenzene	12.944	105	2634	0.354	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	8939	1.226	ug/L	96

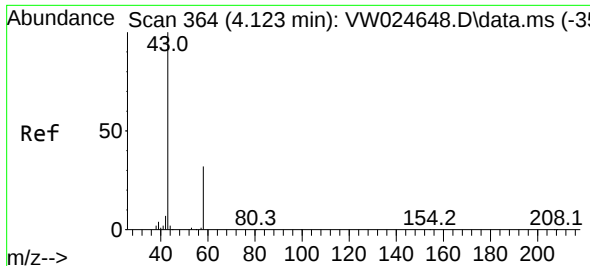
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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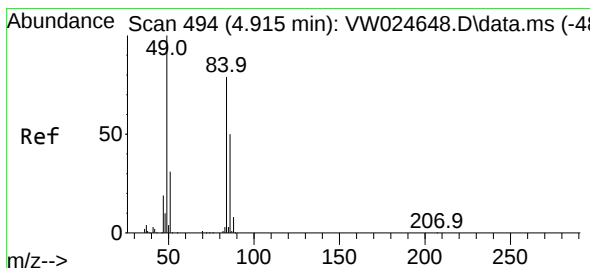
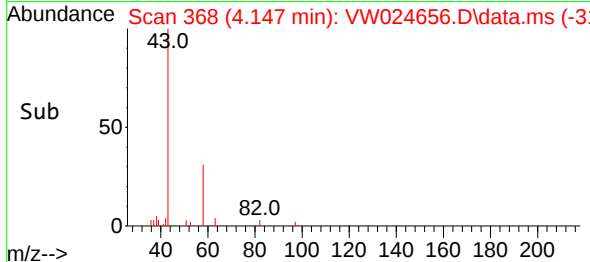
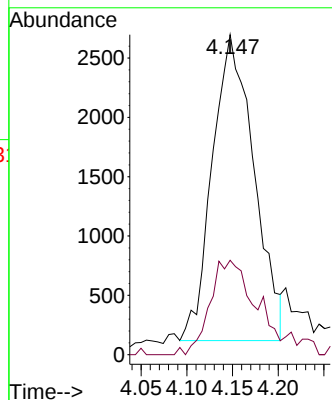
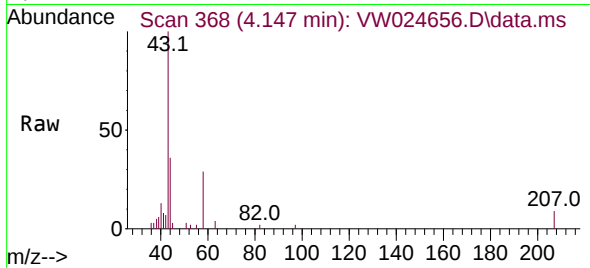




#13
Acetone
Concen: 5.196 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.025 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

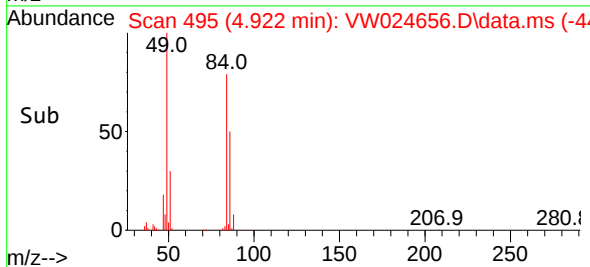
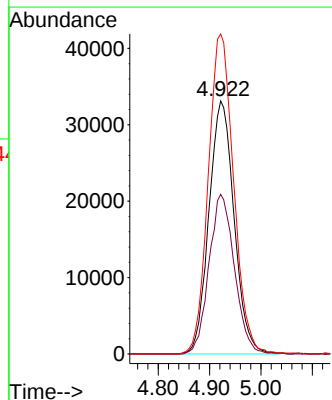
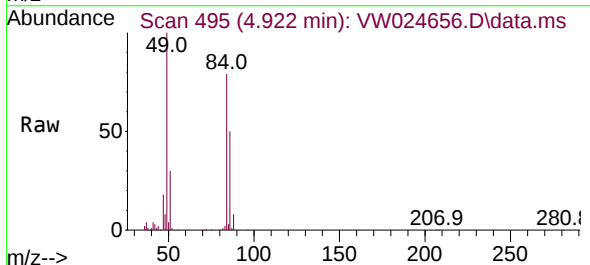
Instrument :
MSVOA_W
ClientSampleId :
BGSE8RE

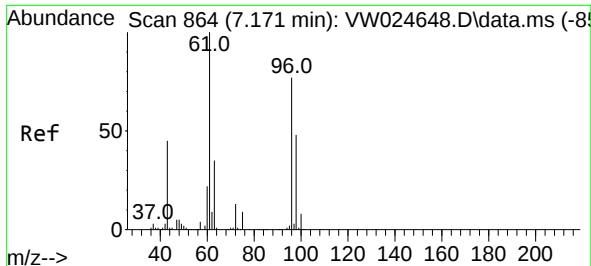
Tgt Ion: 43 Resp: 8175
Ion Ratio Lower Upper
43 100
58 12.5 0.0 67.6



#16
Methylene chloride
Concen: 10.003 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

Tgt Ion: 84 Resp: 112621
Ion Ratio Lower Upper
84 100
86 63.1 44.0 81.8
49 126.4 87.4 162.2

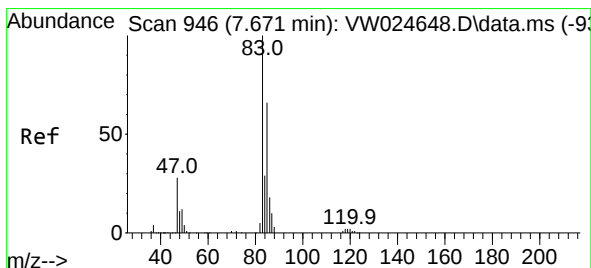
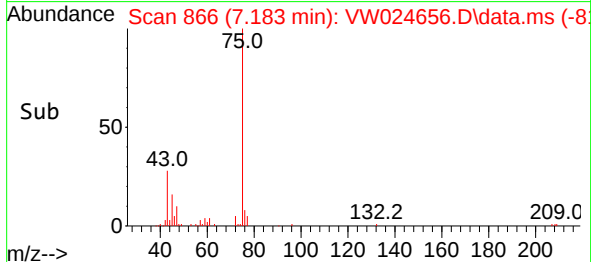
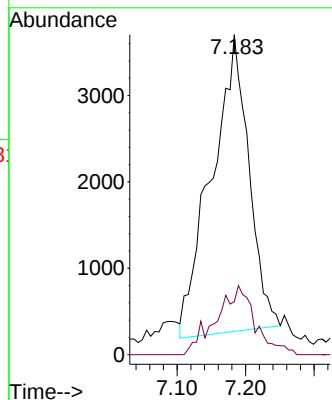
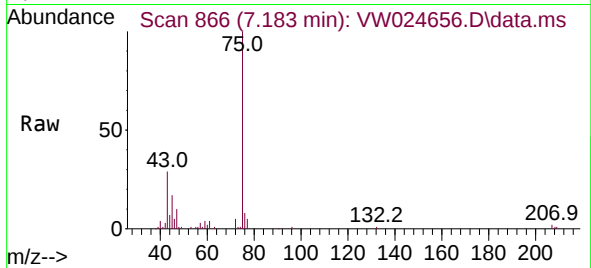




#22
2-Butanone
Concen: 5.190 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

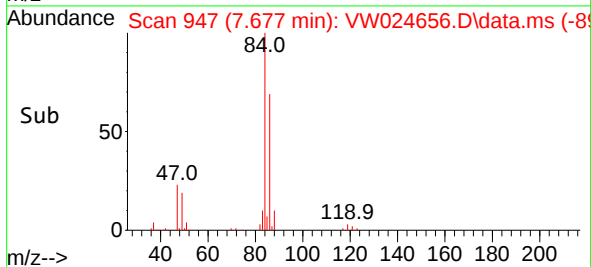
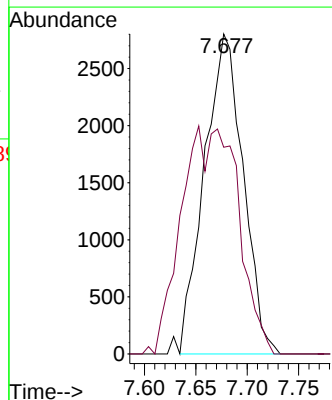
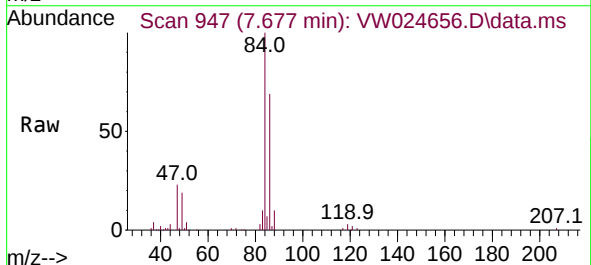
Instrument :
MSVOA_W
ClientSampleId :
BGSE8RE

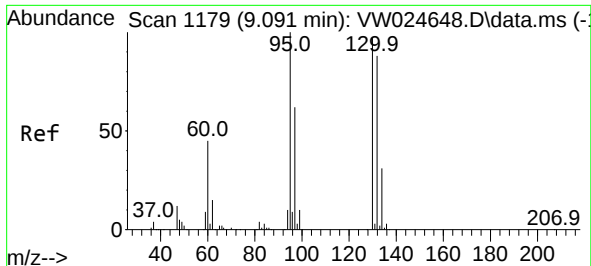
Tgt Ion: 43 Resp: 13061
Ion Ratio Lower Upper
43 100
72 6.6 13.8 41.3#



#25
Chloroform
Concen: 0.493 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

Tgt Ion: 83 Resp: 7366
Ion Ratio Lower Upper
83 100
85 64.6 44.0 81.8

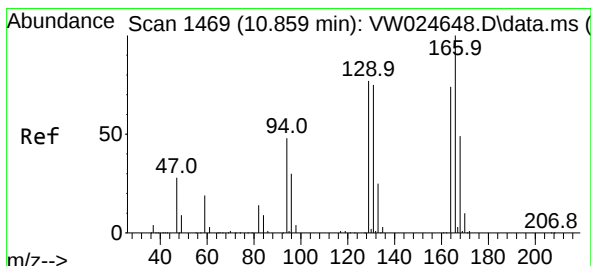
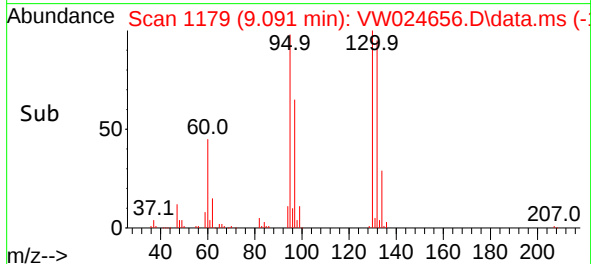
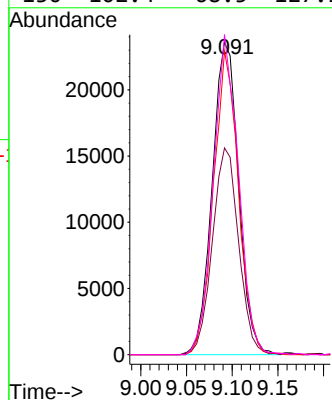
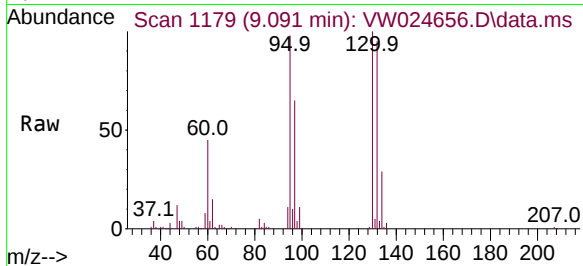




#34
Trichloroethene
Concen: 8.903 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

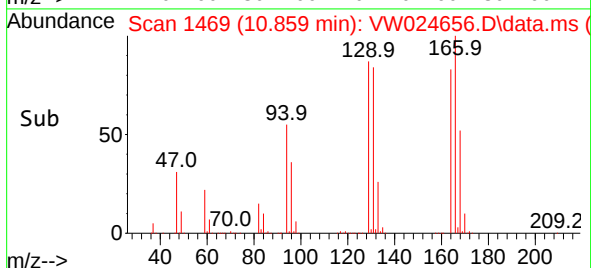
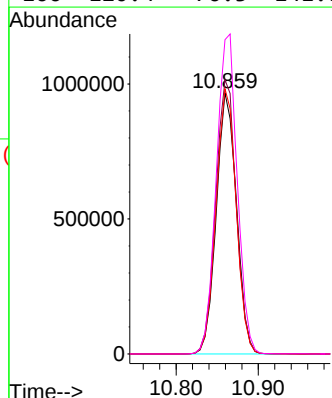
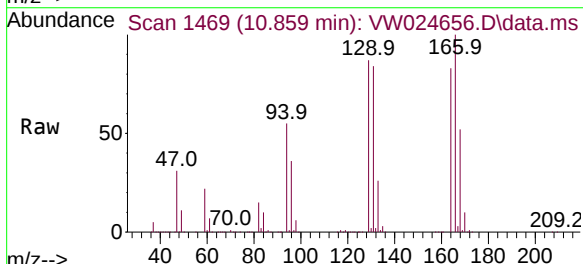
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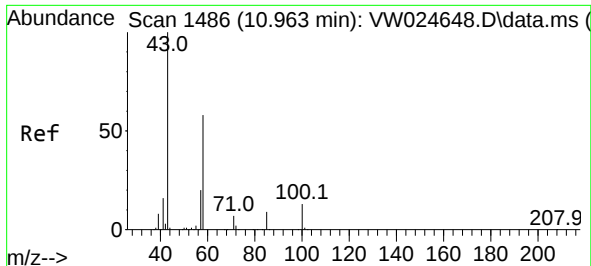
Tgt Ion: 95	Resp: 47399
Ion Ratio	Lower Upper
95 100	
97 66.2	43.5 80.9
132 97.2	61.2 113.8
130 102.4	68.5 127.1



#46
Tetrachloroethene
Concen: 456.677 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

Tgt	Ion:164	Resp:	1651906
Ion	Ratio	Lower	Upper
164	100		
129	105.0	74.1	137.5
131	101.6	71.5	132.7
166	120.4	76.3	141.7

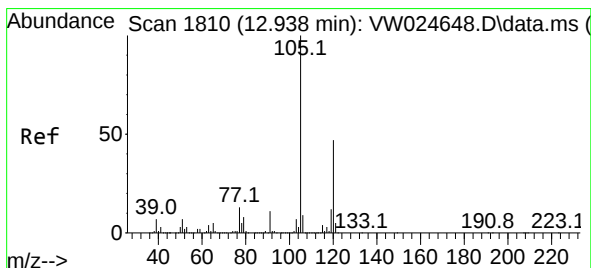
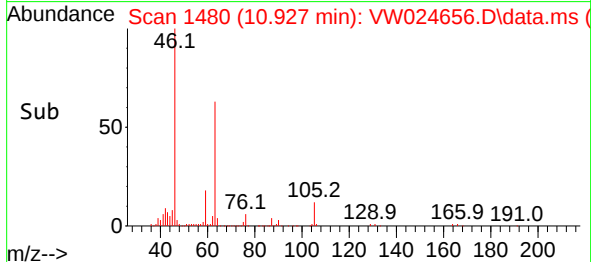
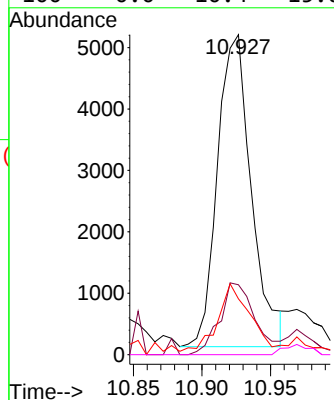
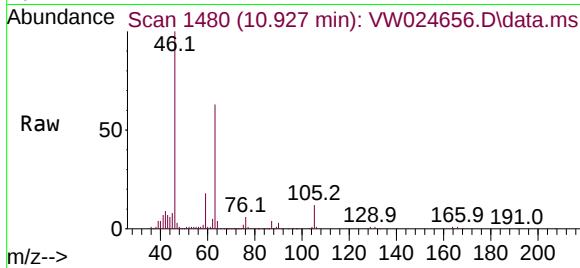




#48
2-Hexanone
Concen: 4.207 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.036 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

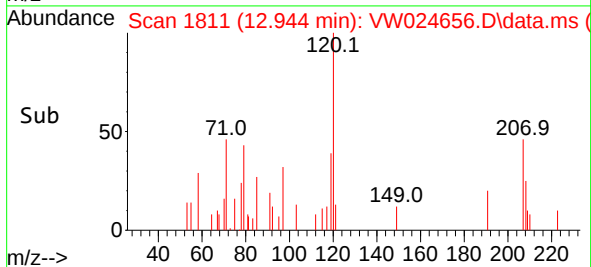
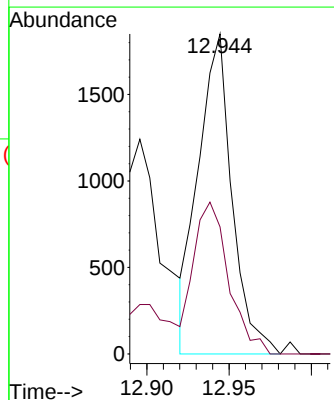
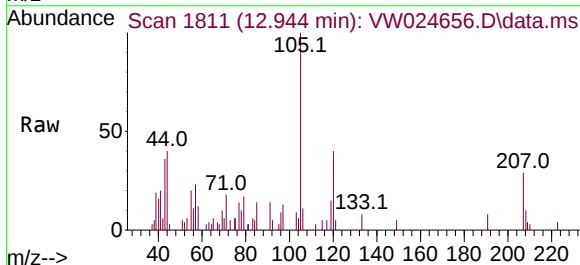
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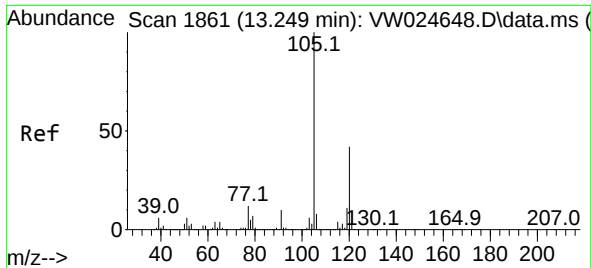
Tgt Ion: 43	Resp: 8732
Ion Ratio	Lower Upper
43 100	
58 24.3	45.3 67.9#
57 22.5	16.3 24.5
100 0.0	10.4 15.6#



#62
1,3,5-Trimethylbenzene
Concen: 0.354 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW024656.D
Acq: 28 Sep 2022 14:18

Tgt Ion:105	Resp: 2634		
Ion Ratio	Lower	Upper	
105 100			
120 49.5	38.8	58.2	





#63
 1,2,4-Trimethylbenzene
 Concen: 1.226 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024656.D
 Acq: 28 Sep 2022 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:105 Resp: 8939
 Ion Ratio Lower Upper
 105 100
 120 41.2 35.2 52.8

