

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
 Data File : VW022717.D
 Acq On : 29 Apr 2022 23:41
 Operator : SY/VA
 Sample : N2638-13
 Misc : 5.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 02:01:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 30 01:41:13 2022
 Response via : Initial Calibration

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

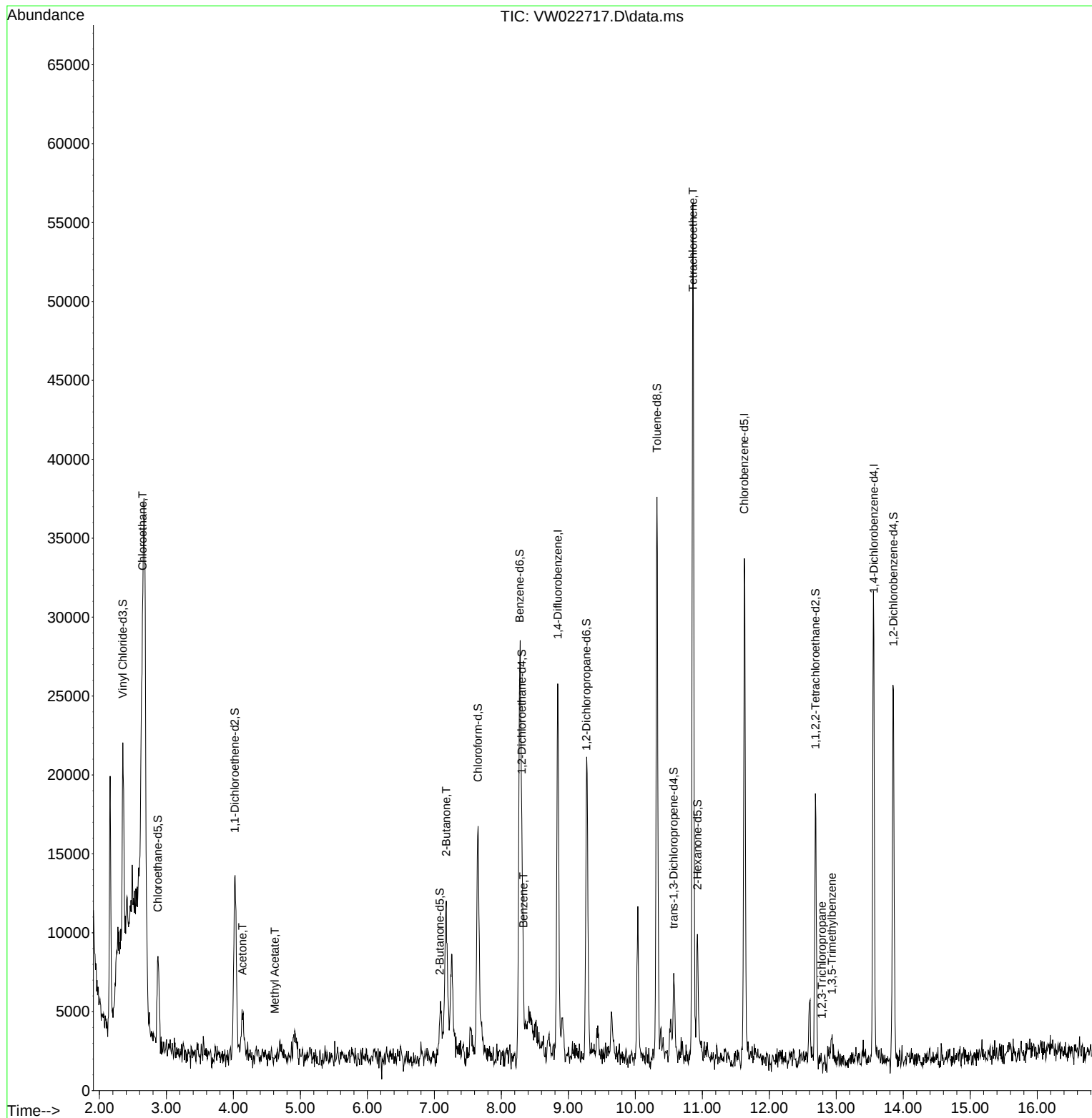
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	18665	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	15924	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	7043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10730	26.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.000%
7) Chloroethane-d5	2.873	69	6223	24.064	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
11) 1,1-Dichloroethene-d2	4.019	63	10882	20.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.320%
21) 2-Butanone-d5	7.080	46	2181	30.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.560%
24) Chloroform-d	7.653	84	14340	24.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	8.305	65	8480	25.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.760%
32) Benzene-d6	8.275	84	26047	26.773	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.080%
36) 1,2-Dichloropropane-d6	9.268	67	7507	26.664	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.640%
41) Toluene-d8	10.323	98	22372	23.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	10.573	79	2820	21.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.880%
47) 2-Hexanone-d5	10.927	63	2506	47.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.680%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	7586	31.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.760%#
66) 1,2-Dichlorobenzene-d4	13.853	152	5837	23.398	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
8) Chloroethane	2.642	64	619	2.970	ug/L	97
13) Acetone	4.135	43	3879	79.085	ug/L	87
15) Methyl Acetate	4.617	43	154	1.251	ug/L	95
22) 2-Butanone	7.177	43	13690	184.801	ug/L	89
33) Benzene	8.330	78	1073	0.992	ug/L	100
46) Tetrachloroethene	10.860	164	10816	50.830	ug/L	91
61) 1,2,3-Trichloropropane	12.786	75	105	0.701	ug/L #	39
62) 1,3,5-Trimethylbenzene	12.932	105	219	0.340	ug/L #	30

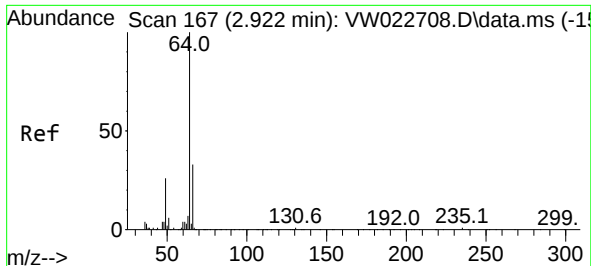
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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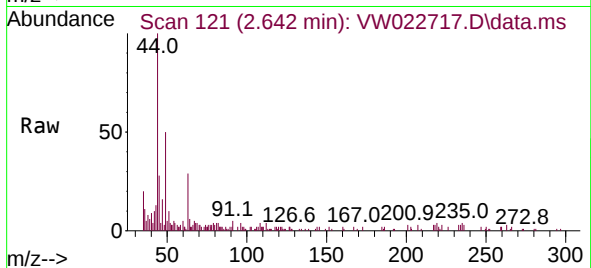
Quant Time: Apr 30 02:01:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
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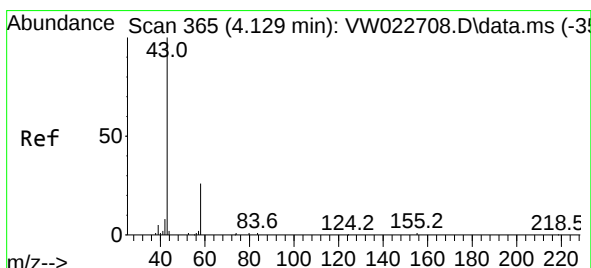
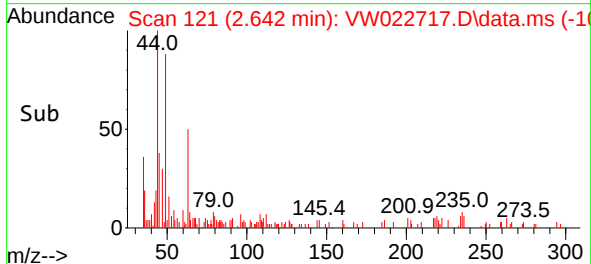
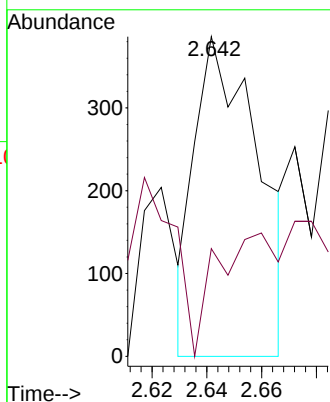


#8
Chloroethane
Concen: 2.970 ug/L
RT: 2.642 min Scan# 11
Delta R.T. -0.280 min
Lab File: VW022717.D
Acq: 29 Apr 2022 23:41

Instrument :
MSVOA_W
ClientSampleId :

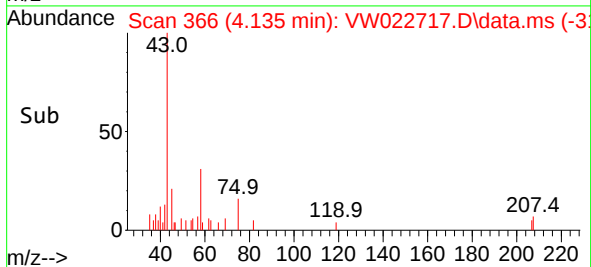
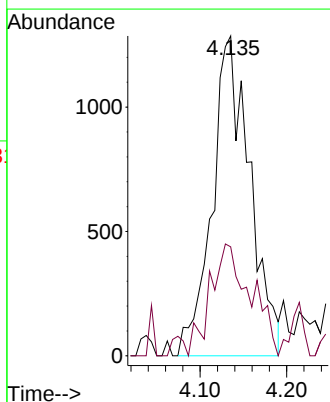
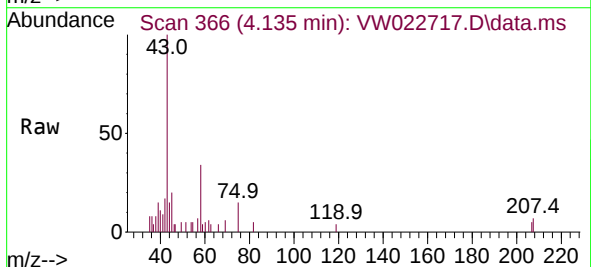


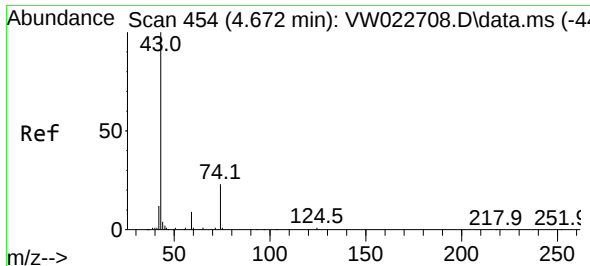
Tgt Ion: 64 Resp: 619
Ion Ratio Lower Upper
64 100
66 33.7 22.3 41.5



#13
Acetone
Concen: 79.085 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW022717.D
Acq: 29 Apr 2022 23:41

Tgt Ion: 43 Resp: 3879
Ion Ratio Lower Upper
43 100
58 21.8 0.0 57.0

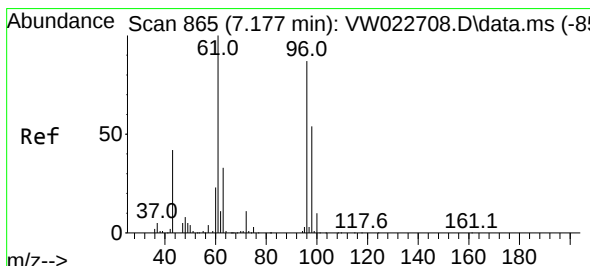
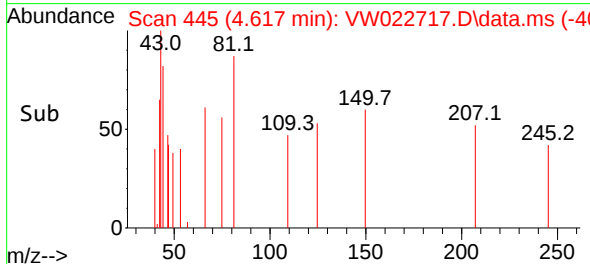
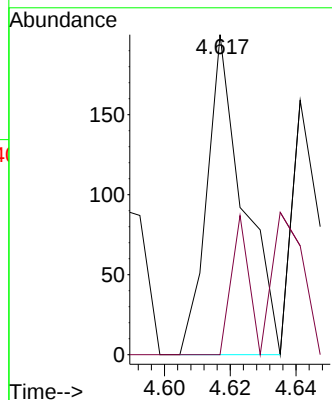
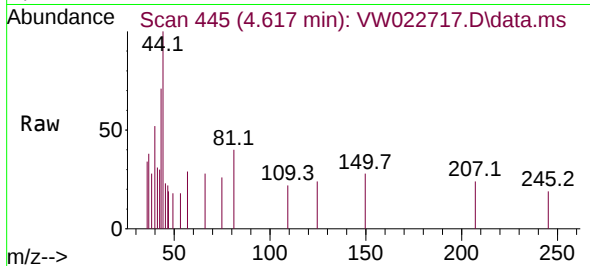




#15
Methyl Acetate
Concen: 1.251 ug/L
RT: 4.617 min Scan# 445
Delta R.T. -0.055 min
Lab File: VW022717.D
Acq: 29 Apr 2022 23:41

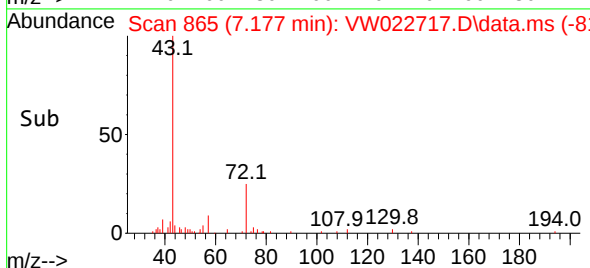
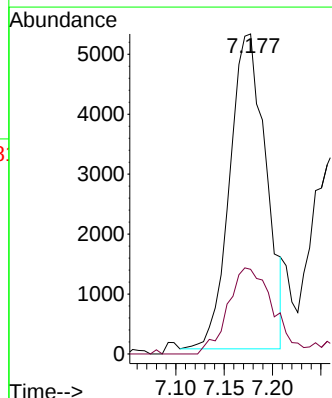
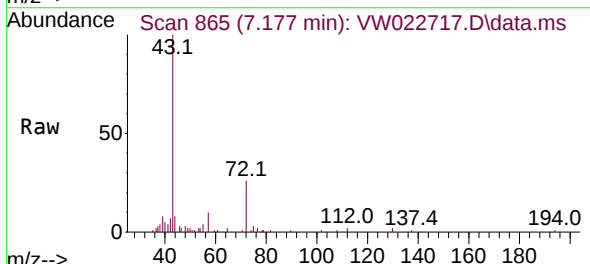
Instrument :
MSVOA_W
ClientSampleId :

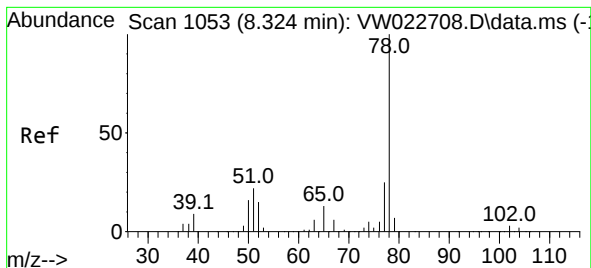
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
74 20.8 18.5 27.7



#22
2-Butanone
Concen: 184.801 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW022717.D
Acq: 29 Apr 2022 23:41

Tgt Ion: 43 Resp: 13690
Ion Ratio Lower Upper
43 100
72 33.6 14.0 42.0





#33

Benzene

Concen: 0.992 ug/L

RT: 8.330 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW022717.D

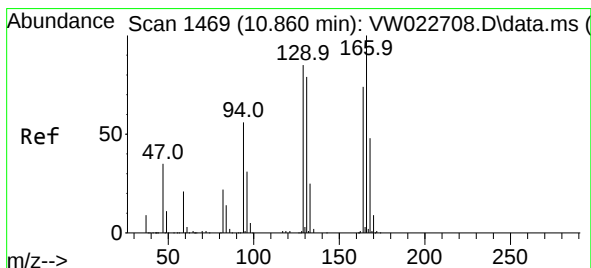
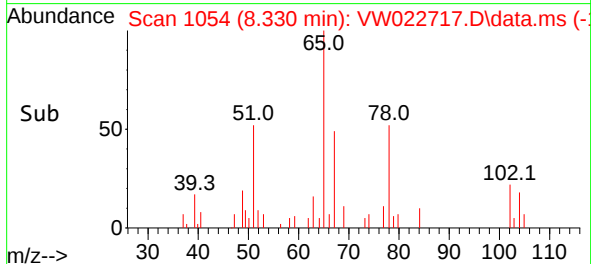
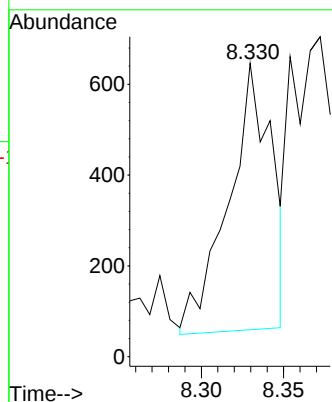
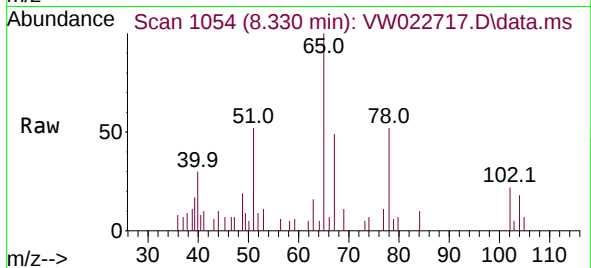
Acq: 29 Apr 2022 23:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 1073



#46

Tetrachloroethene

Concen: 50.830 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022717.D

Acq: 29 Apr 2022 23:41

Tgt Ion:164 Resp: 10816

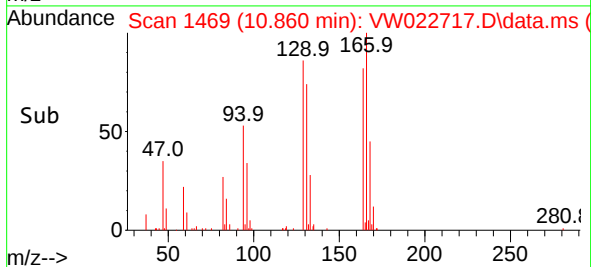
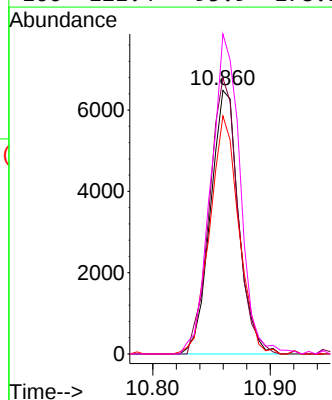
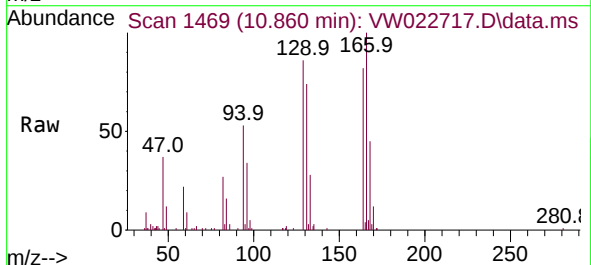
Ion Ratio Lower Upper

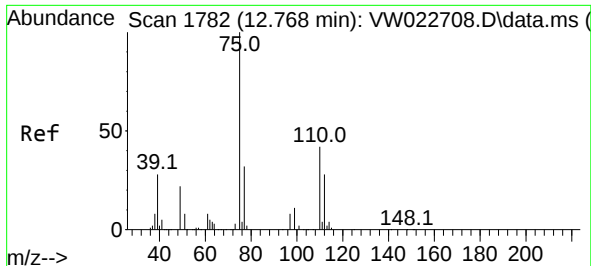
164 100

129 104.7 74.1 137.7

131 90.3 71.4 132.6

166 121.4 95.9 178.1





#61

1,2,3-Trichloropropane

Concen: 0.701 ug/L

RT: 12.786 min Scan# 11

Delta R.T. 0.018 min

Lab File: VW022717.D

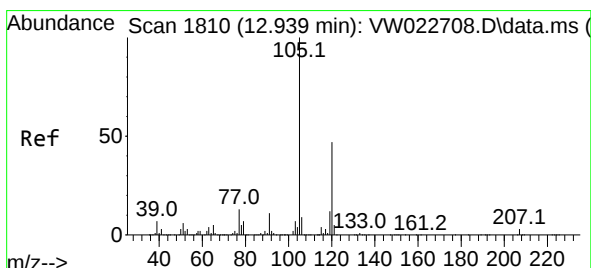
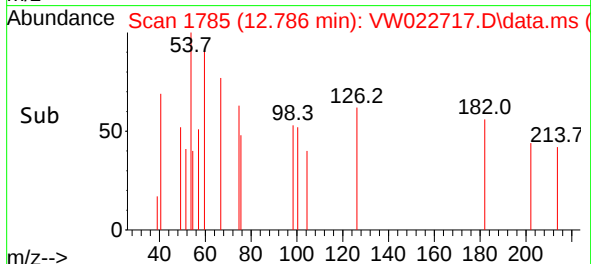
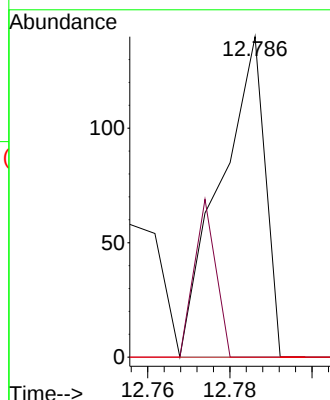
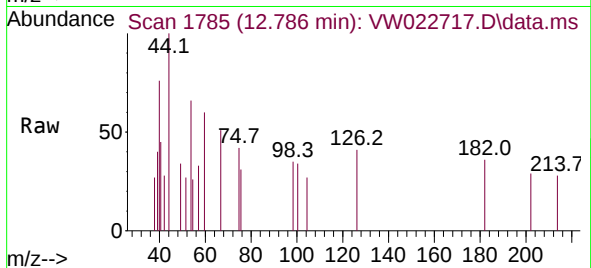
Acq: 29 Apr 2022 23:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp:	105
Ion Ratio	Lower	Upper
75	100	
77	0.0	25.7 38.5#
110	0.0	31.8 47.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.340 ug/L

RT: 12.932 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VW022717.D

Acq: 29 Apr 2022 23:41

Tgt Ion: 105	Resp:	219
Ion Ratio	Lower	Upper
105	100	
120	0.0	37.5 56.3#

