

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029757.D
 Acq On : 26 Jul 2024 17:27
 Operator : SY/MD
 Sample : P3361-09
 Misc : 8.57g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20P1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 27 00:57:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	366882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114864	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49726	9.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	38.200%		
7) Chloroethane-d5	2.899	69	44969	12.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	48.360%		
11) 1,1-Dichloroethene-d2	4.021	65	25742	10.827	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	43.320%#		
21) 2-Butanone-d5	7.081	46	48525	33.991	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.980%		
24) Chloroform-d	7.648	84	144895	15.256	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	61.040%		
26) 1,2-Dichloroethane-d4	8.307	65	86441	15.979	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	63.920%#		
32) Benzene-d6	8.276	84	254075	15.309	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	61.240%		
36) 1,2-Dichloropropane-d6	9.270	67	87734	16.556	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	66.240%#		
41) Toluene-d8	10.325	98	205684	13.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	55.760%		
43) trans-1,3-Dichloroprop...	10.575	79	30867	14.395	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	57.560%		
47) 2-Hexanone-d5	10.922	63	30448	34.845	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.700%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73653	18.718	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.880%		
66) 1,2-Dichlorobenzene-d4	13.848	152	62176	17.433	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.720%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	159380	23.244	ug/L	96
12) 1,1-Dichloroethene	4.045	96	124356	24.811	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	16864	3.122	ug/L	93
20) cis-1,2-Dichloroethene	7.167	96	2227280	380.165	ug/L	94
34) Trichloroethene	9.093	95	23387644m	4239.115	ug/L	
45) 1,1,2-Trichloroethane	10.782	97	19936	5.145	ug/L	99
46) Tetrachloroethene	10.861	164	12213	3.046	ug/L	96

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

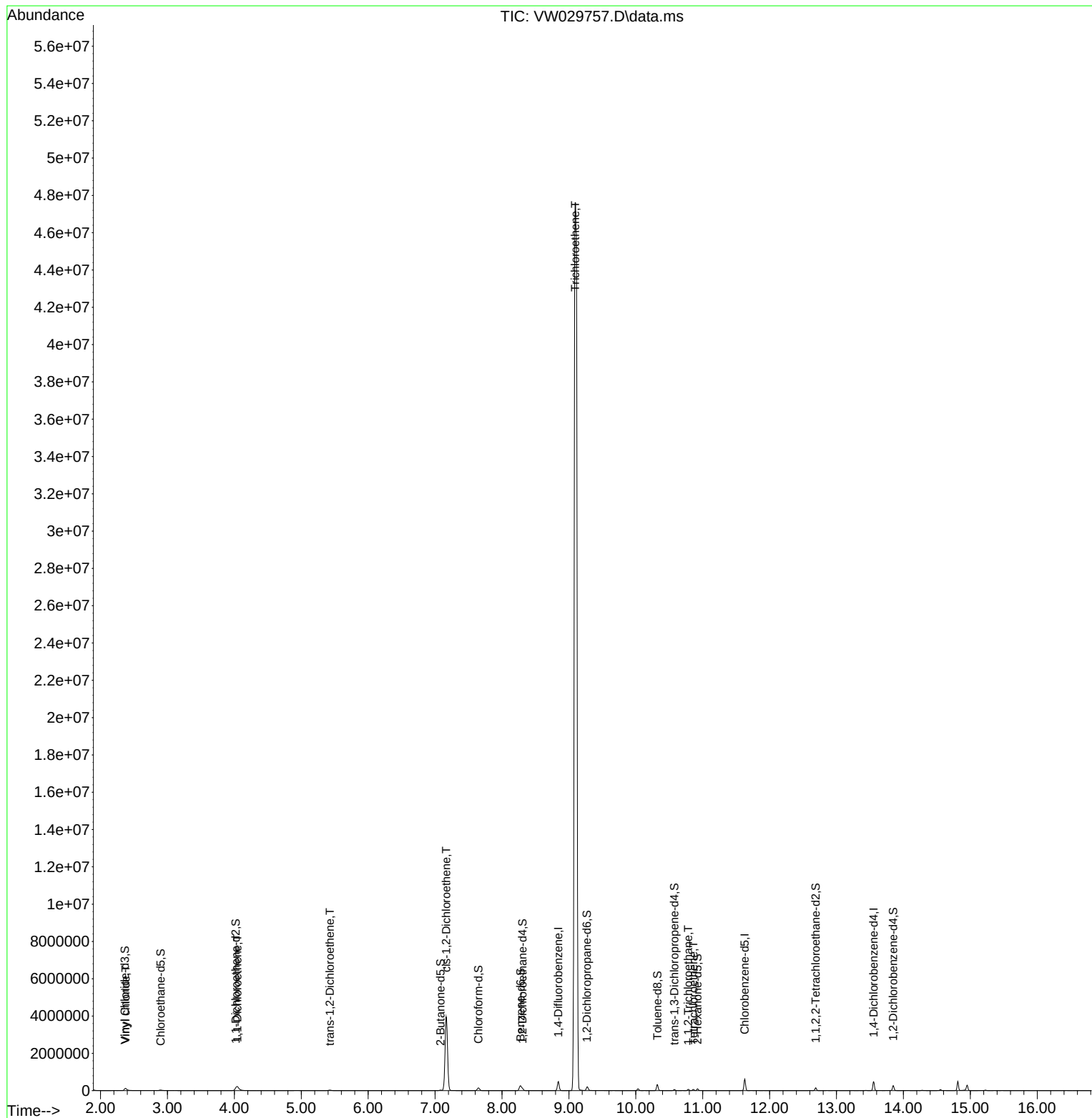
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
Data File : VW029757.D
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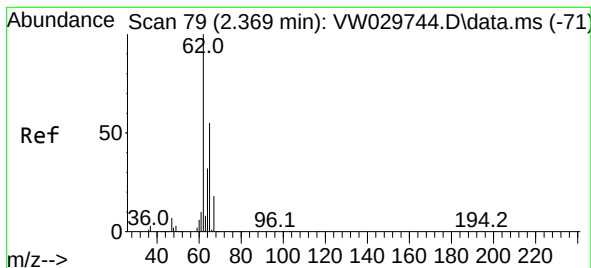
Instrument :
MSVOA_W
ClientSampleId :
E20P1

Quant Time: Jul 27 00:57:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 27 00:53:25 2024
Response via : Initial Calibration

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#5

Vinyl chloride

Concen: 23.244 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW029757.D

Acq: 26 Jul 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

E20P1

Tgt Ion: 62 Resp: 159380

Ion Ratio Lower Upper

62 100

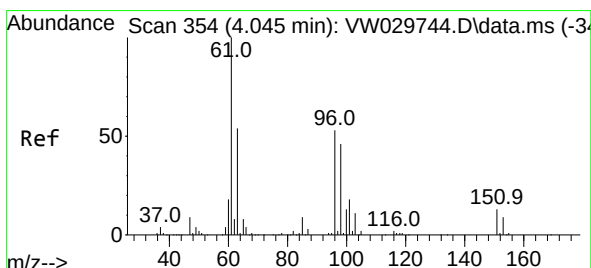
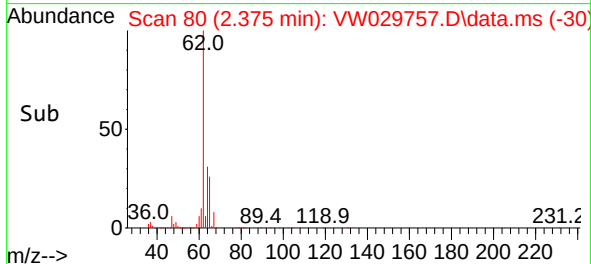
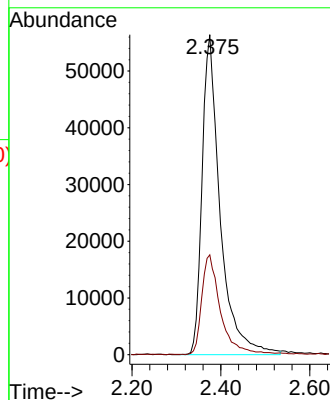
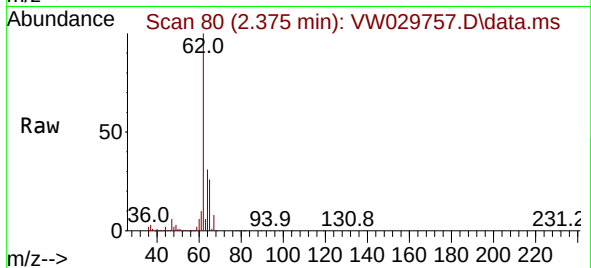
64 31.2 23.2 43.2

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 24.811 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029757.D

Acq: 26 Jul 2024 17:27

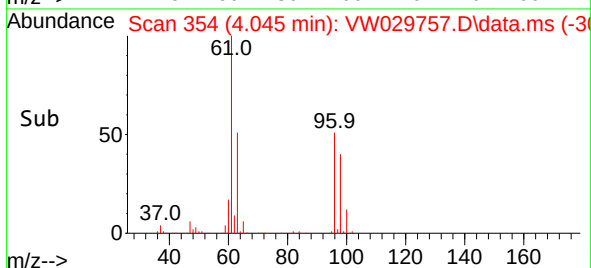
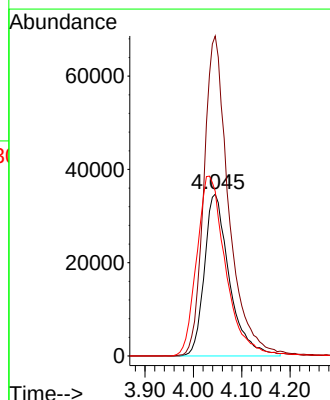
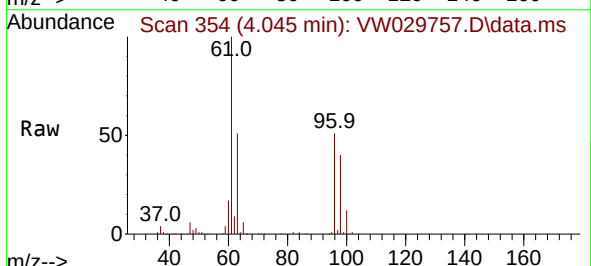
Tgt Ion: 96 Resp: 124356

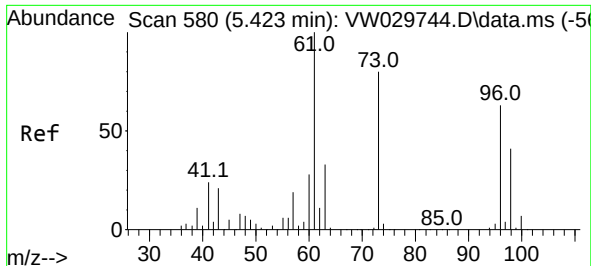
Ion Ratio Lower Upper

96 100

61 197.8 138.3 256.9

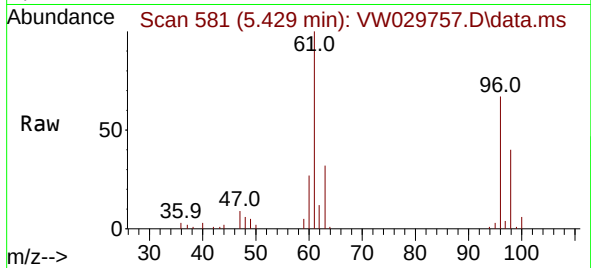
63 101.7 89.0 165.4





#17
trans-1,2-Dichloroethene
Concen: 3.122 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW029757.D
Acq: 26 Jul 2024 17:27

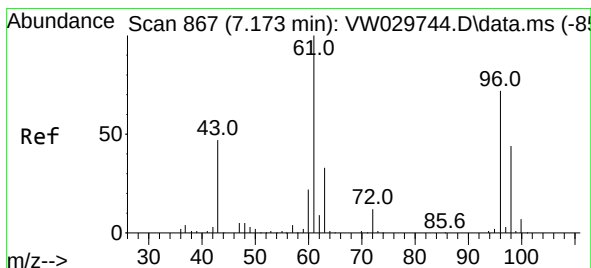
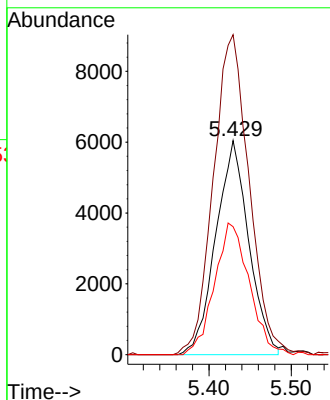
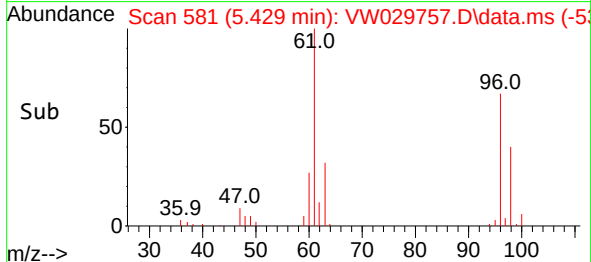
Instrument :
MSVOA_W
ClientSampleId :
E20P1



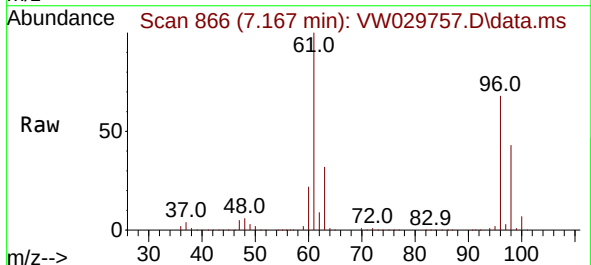
Tgt Ion: 96 Resp: 16864
Ion Ratio Lower Upper
96 100
61 149.5 111.2 206.6
98 59.8 45.0 83.6

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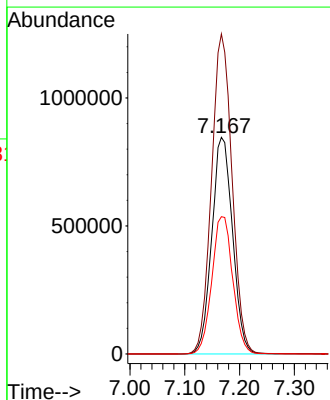
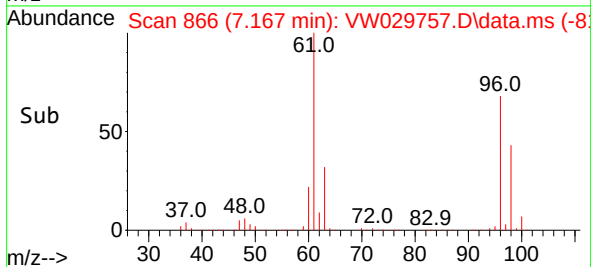
Reviewed By :Mahesh Dadoda 07/31/2024
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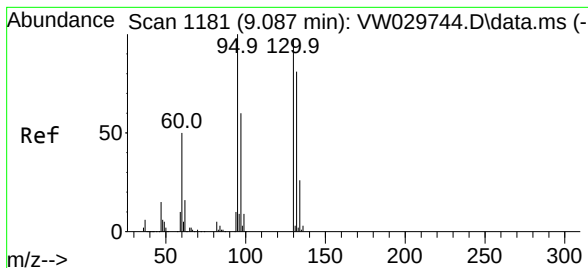


#20
cis-1,2-Dichloroethene
Concen: 380.165 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029757.D
Acq: 26 Jul 2024 17:27



Tgt Ion: 96 Resp: 2227280
Ion Ratio Lower Upper
96 100
61 147.7 98.2 182.4
98 63.4 41.9 77.9





#34

Trichloroethene

Concen: 4239.115 ug/L m

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029757.D

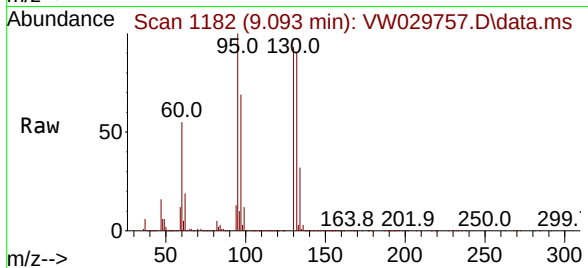
Acq: 26 Jul 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

E20P1



Tgt Ion: 95 Resp: 2338764

Ion Ratio Lower Upper

95 100

97 69.2 45.6 84.8

132 90.0 65.2 121.0

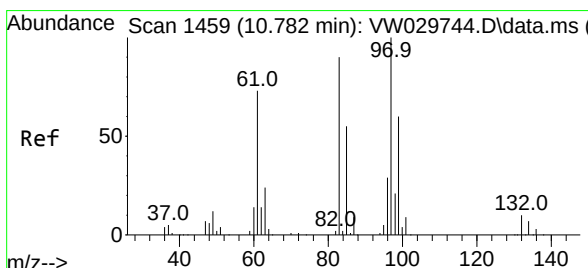
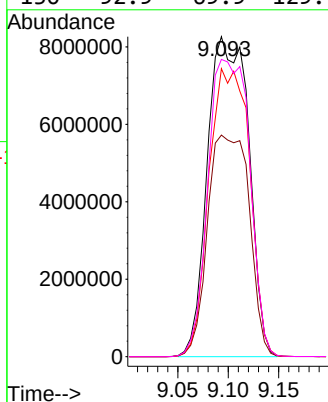
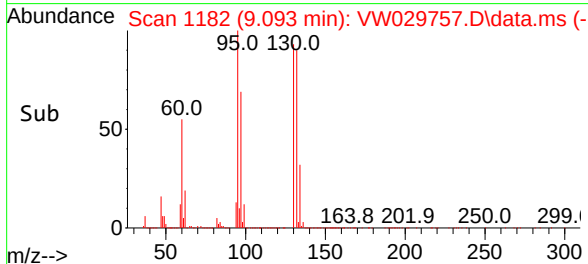
130 92.9 69.9 129.7

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#45

1,1,2-Trichloroethane

Concen: 5.145 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029757.D

Acq: 26 Jul 2024 17:27

Tgt Ion: 97 Resp: 19936

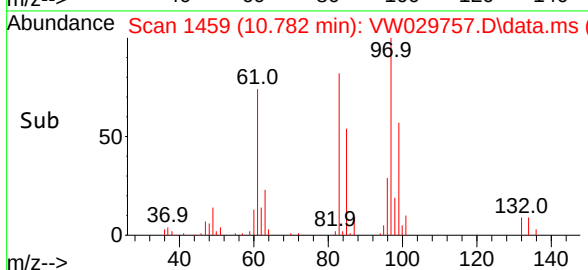
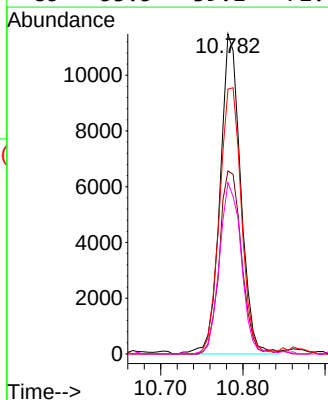
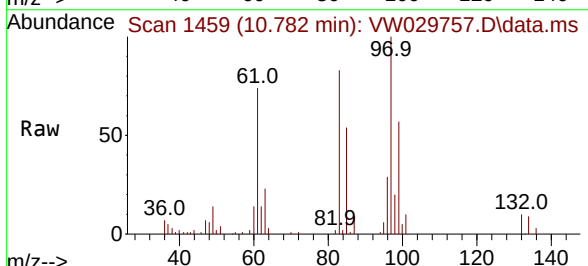
Ion Ratio Lower Upper

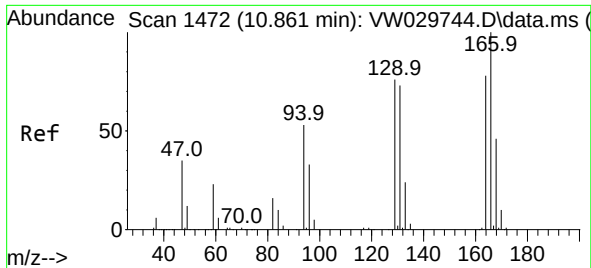
97 100

99 57.2 40.1 74.5

83 82.8 58.5 108.7

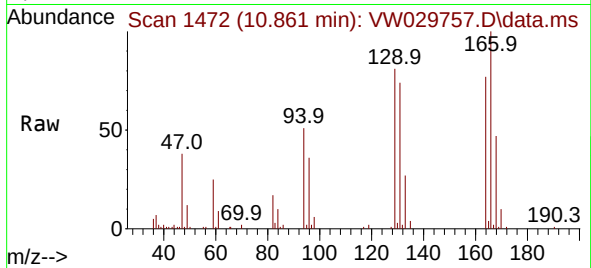
85 53.5 39.1 72.7





#46
Tetrachloroethene
Concen: 3.046 ug/L
RT: 10.861 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW029757.D
Acq: 26 Jul 2024 17:27

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
164	100		
129	105.4	77.8	144.6
131	95.3	70.9	131.7
166	129.4	91.5	169.9

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