

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027202.D
 Acq On : 03 Oct 2023 15:31
 Operator : SY/MD
 Sample : 04707-09
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 01:40:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 01:37:43 2023
 Response via : Initial Calibration

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

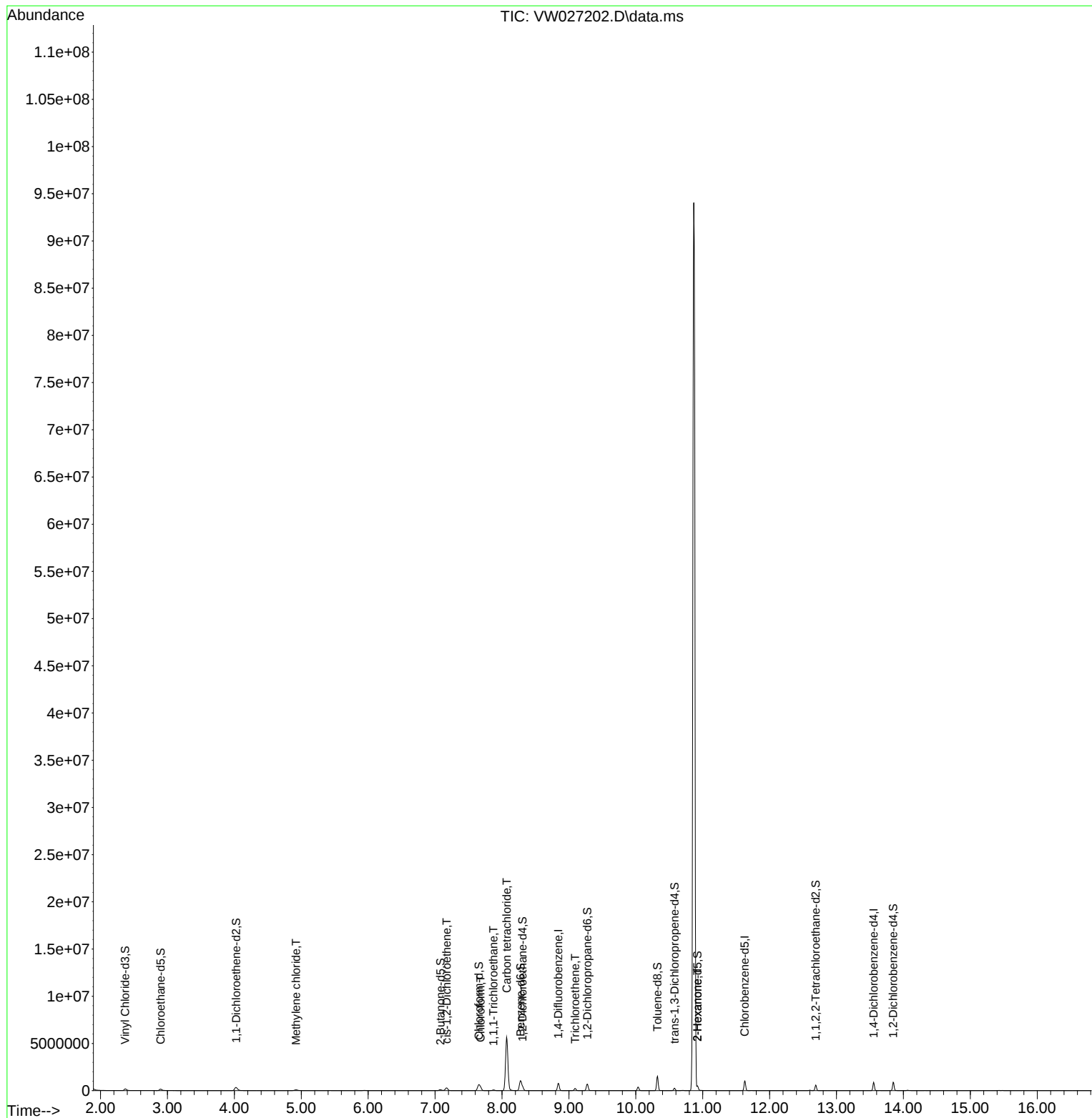
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	693009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	297120	27.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.160%	
7) Chloroethane-d5	2.899	69	238846	27.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.000%	
11) 1,1-Dichloroethene-d2	4.027	65	124471	27.515	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.040%#	
21) 2-Butanone-d5	7.081	46	178876	79.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 158.940%#	
24) Chloroform-d	7.654	84	568348	28.022	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 112.080%	
26) 1,2-Dichloroethane-d4	8.307	65	297834	30.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 122.560%	
32) Benzene-d6	8.276	84	1151079	31.070	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 124.280%	
36) 1,2-Dichloropropane-d6	9.276	67	357370	32.220	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 128.880%#	
41) Toluene-d8	10.325	98	1014433	31.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 124.120%	
43) trans-1,3-Dichloroprop...	10.581	79	151576	34.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 139.280%#	
47) 2-Hexanone-d5	10.922	63	160541	94.619	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 189.240%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	302532	35.640	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 142.560%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	245975	30.823	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 123.280%#	
Target Compounds						
					Qvalue	
16) Methylene chloride	4.923	84	85444	6.298	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	178768	14.538	ug/L	95
25) Chloroform	7.679	83	319512	15.228	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	66032	4.394	ug/L	99
31) Carbon tetrachloride	8.069	117	4473227	315.158	ug/L	100
34) Trichloroethene	9.093	95	83815	7.512	ug/L	94
48) 2-Hexanone	10.922	43	15204	3.631	ug/L #	64

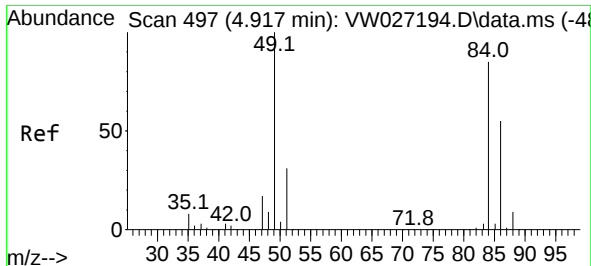
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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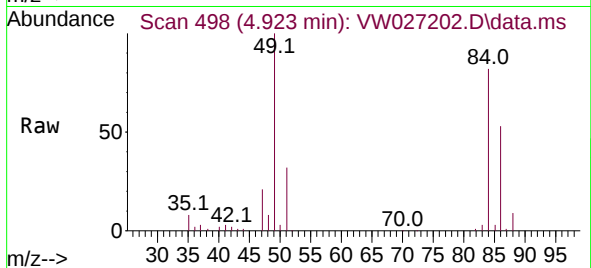
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Quant Title : SFAM01.0
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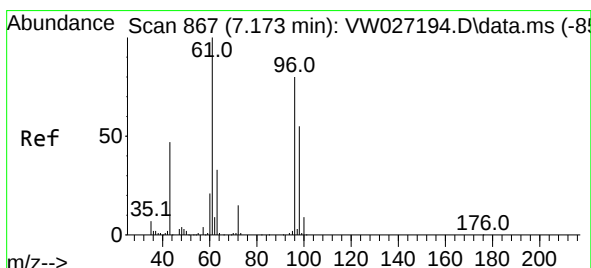
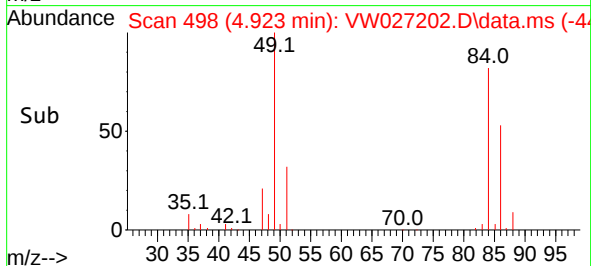
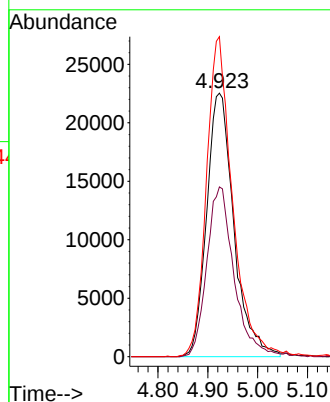


#16
Methylene chloride
Concen: 6.298 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027202.D
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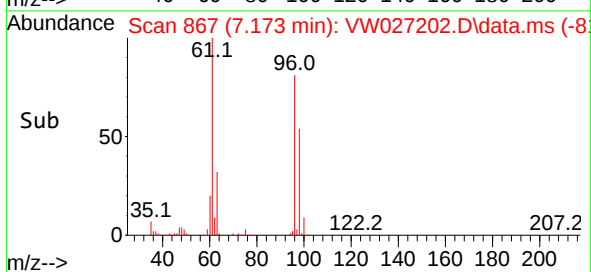
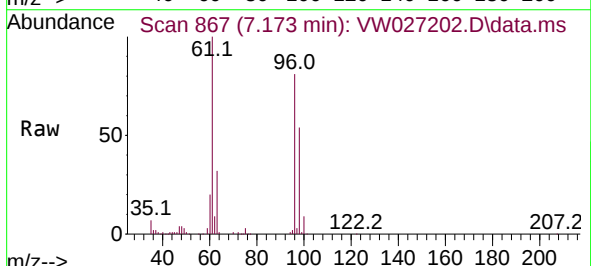
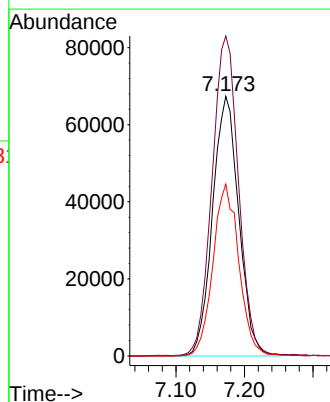


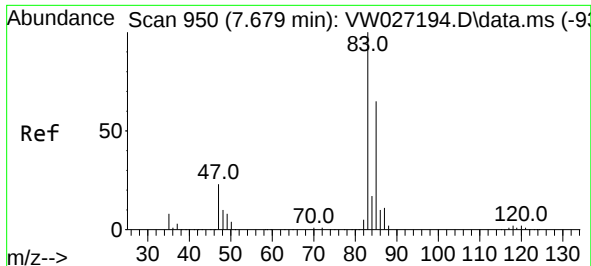
Tgt Ion: 84 Resp: 85444
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.9
49 121.4 80.9 150.3



#20
cis-1,2-Dichloroethene
Concen: 14.538 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027202.D
Acq: 03 Oct 2023 15:31

Tgt Ion: 96 Resp: 178768
Ion Ratio Lower Upper
96 100
61 123.2 82.7 153.5
98 66.2 43.0 80.0

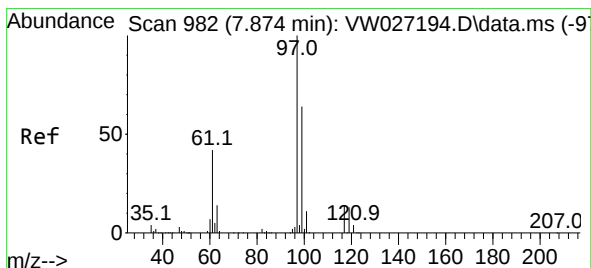
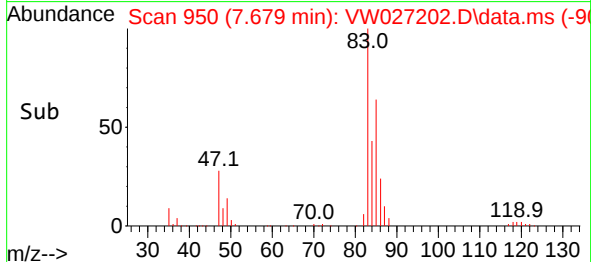
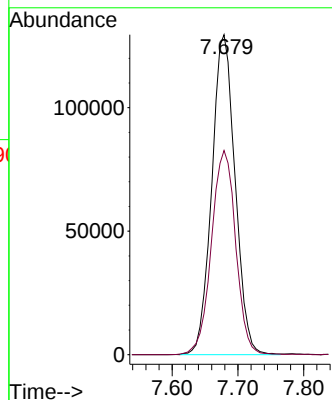
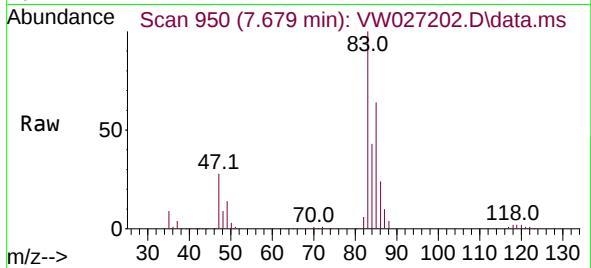




#25
Chloroform
Concen: 15.228 ug/L
RT: 7.679 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW027202.D
Acq: 03 Oct 2023 15:31

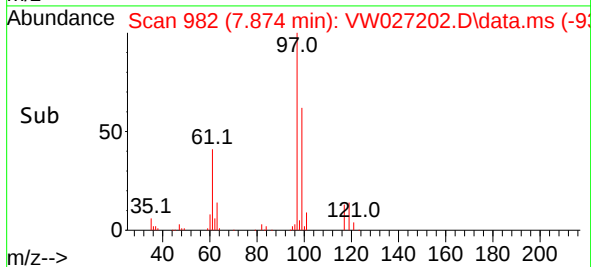
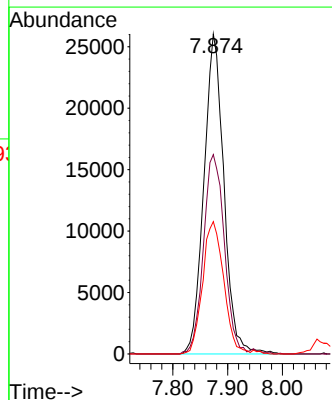
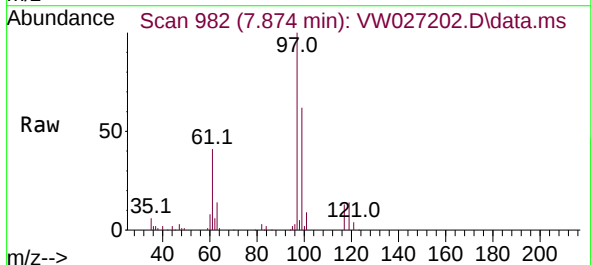
Instrument :
MSVOA_W
ClientSampleId :

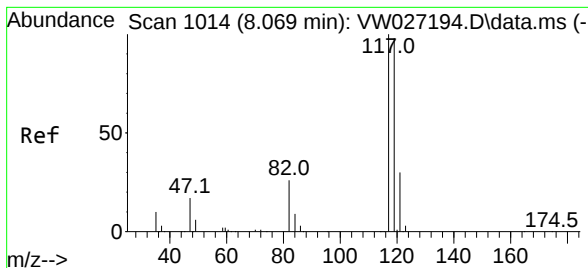
Tgt Ion: 83 Resp: 319512
Ion Ratio Lower Upper
83 100
85 63.8 47.7 88.5



#30
1,1,1-Trichloroethane
Concen: 4.394 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027202.D
Acq: 03 Oct 2023 15:31

Tgt Ion: 97 Resp: 66032
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 43.6 34.6 52.0

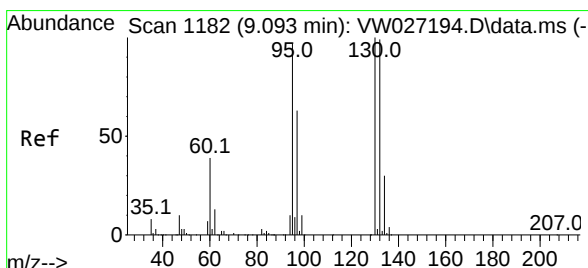
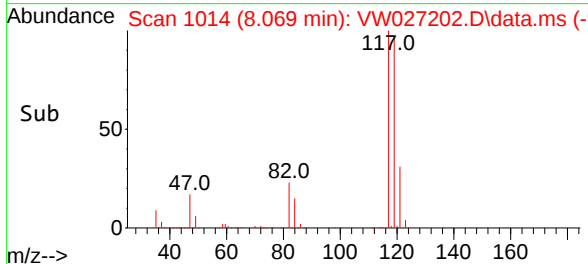
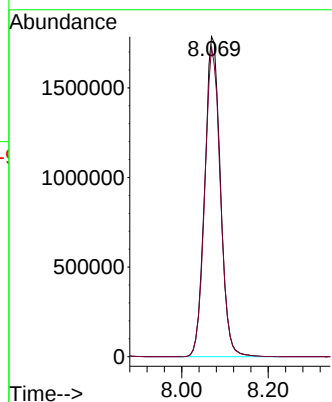
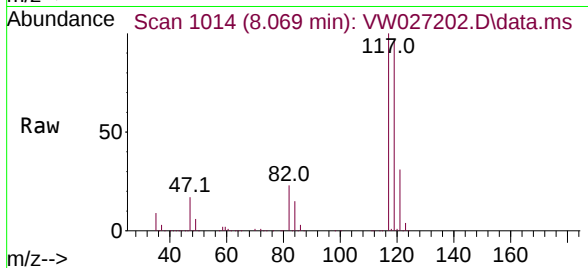




#31
Carbon tetrachloride
Concen: 315.158 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027202.D
Acq: 03 Oct 2023 15:31

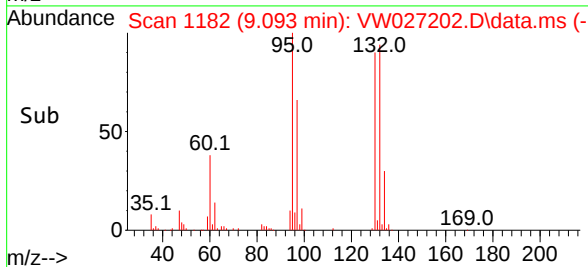
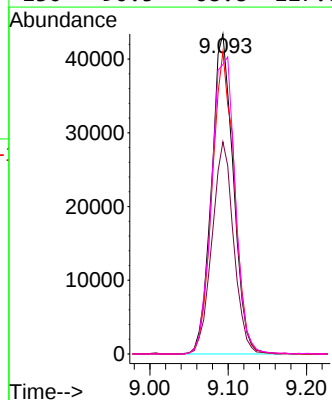
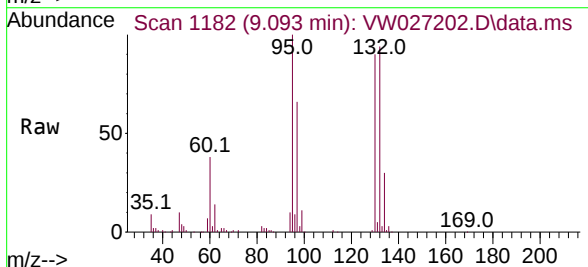
Instrument :
MSVOA_W
ClientSampleId :

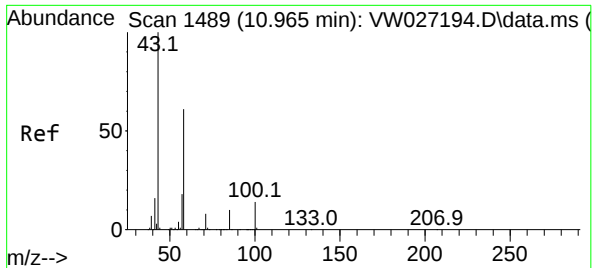
Tgt Ion:117 Resp: 4473227
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#34
Trichloroethene
Concen: 7.512 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027202.D
Acq: 03 Oct 2023 15:31

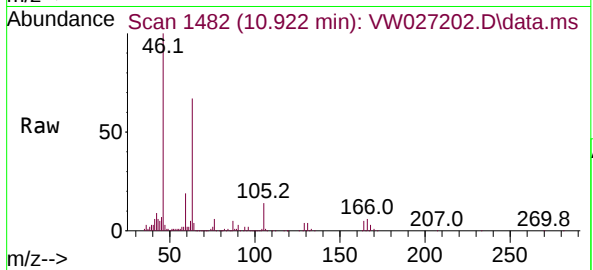
Tgt Ion: 95 Resp: 83815
Ion Ratio Lower Upper
95 100
97 66.3 46.1 85.7
132 94.4 71.5 132.9
130 90.5 68.8 127.8





#48
 2-Hexanone
 Concen: 3.631 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW027202.D
 Acq: 03 Oct 2023 15:31

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	15204
Ion	Ratio	Lower Upper
43	100	
58	27.9	47.2 70.8#
57	29.1	15.9 23.9#
100	0.3	10.4 15.6#

