

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025525.D
 Acq On : 31 Mar 2023 12:14
 Operator : SY/MD
 Sample : 02130-15RE
 Misc : 5.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 00:37:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:35:04 2023
 Response via : Initial Calibration

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

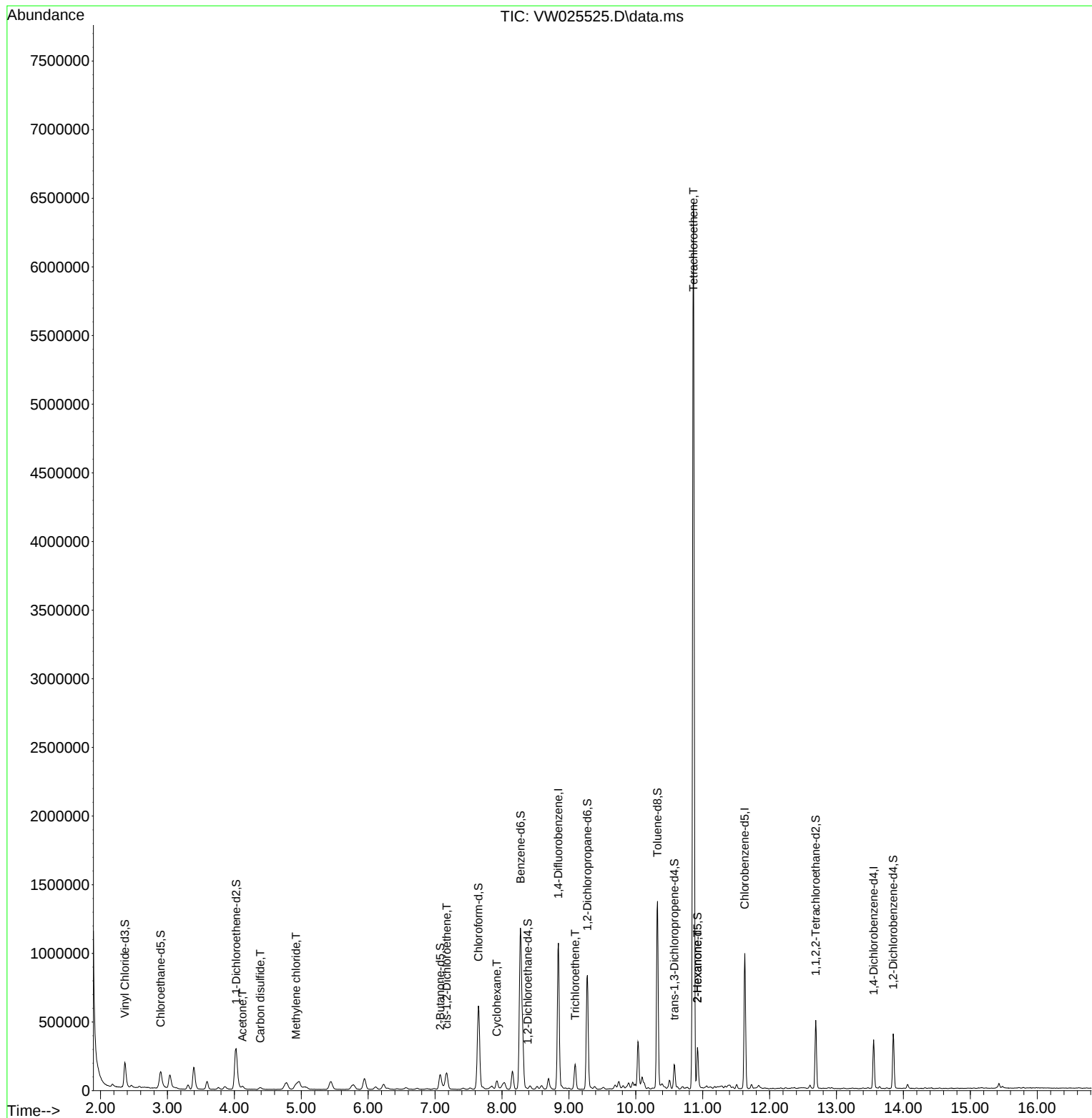
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	831752	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	494169	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86130	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	156733	11.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.320%
7) Chloroethane-d5	2.899	69	179568	18.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	4.027	63	359695	13.466	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.880%
21) 2-Butanone-d5	7.075	46	192146	56.604	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.200%
24) Chloroform-d	7.648	84	596517	24.877	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.386	65	241	0.019	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	1178017	34.887	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.560%#
36) 1,2-Dichloropropane-d6	9.276	67	399029	38.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.800%#
41) Toluene-d8	10.325	98	869171	29.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.800%
43) trans-1,3-Dichloroprop...	10.575	79	88583	21.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.200%
47) 2-Hexanone-d5	10.922	63	101860	67.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.620%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	246795	32.248	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.000%#
66) 1,2-Dichlorobenzene-d4	13.848	152	94531	29.514	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.040%
Target Compounds					Qvalue	
13) Acetone	4.118	43	33140	10.156	ug/L	98
14) Carbon disulfide	4.387	76	24394	0.756	ug/L	97
16) Methylene chloride	4.923	84	19750	1.705	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	66480	5.584	ug/L #	98
29) Cyclohexane	7.923	56	12133	0.870	ug/L #	38
34) Trichloroethene	9.093	95	62622	7.552	ug/L	95
46) Tetrachloroethene	10.861	164	1352310	229.194	ug/L	92
48) 2-Hexanone	10.922	43	14775	3.929	ug/L #	62

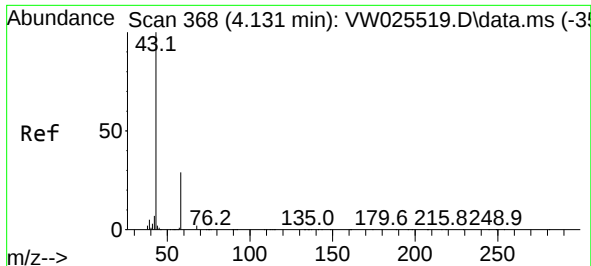
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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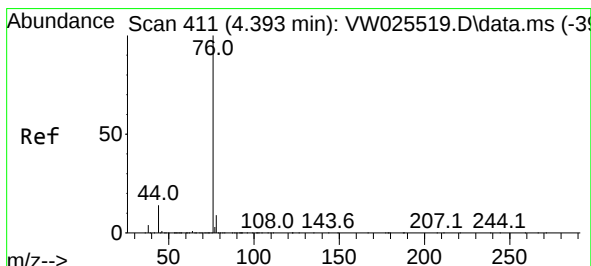
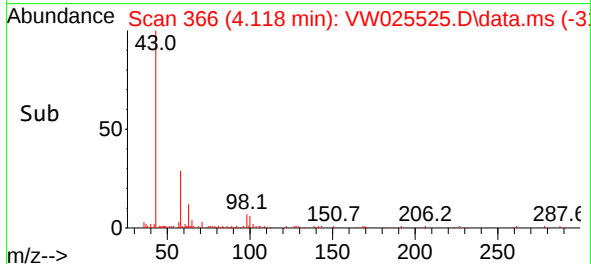
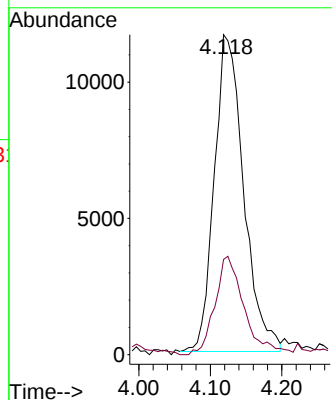
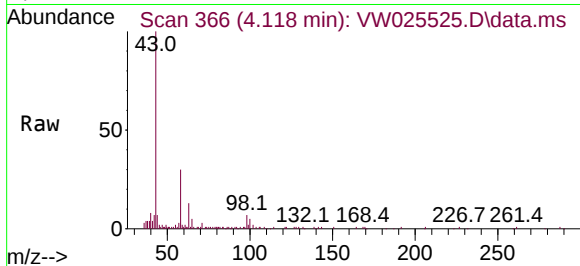




#13
Acetone
Concen: 10.156 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14

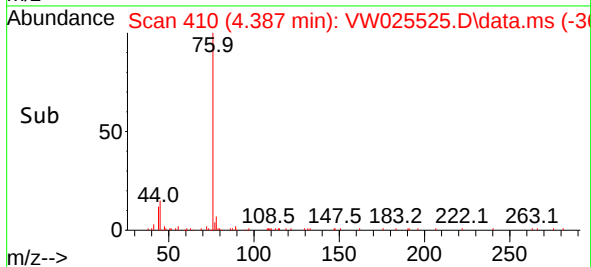
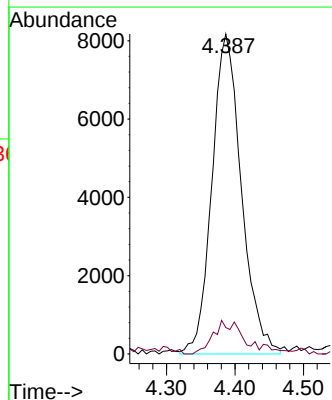
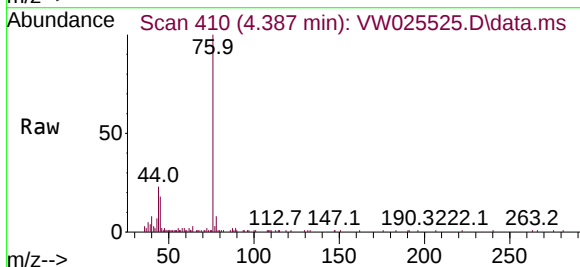
Instrument :
MSVOA_W
ClientSampleId :

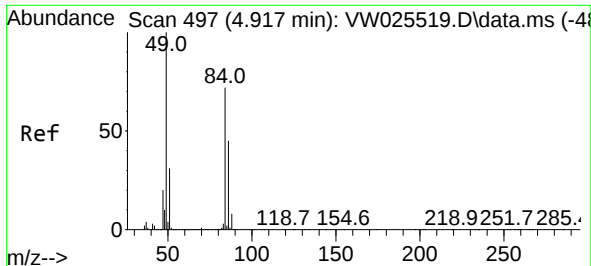
Tgt Ion: 43 Resp: 33140
Ion Ratio Lower Upper
43 100
58 31.0 0.0 60.0



#14
Carbon disulfide
Concen: 0.756 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14

Tgt Ion: 76 Resp: 24394
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4

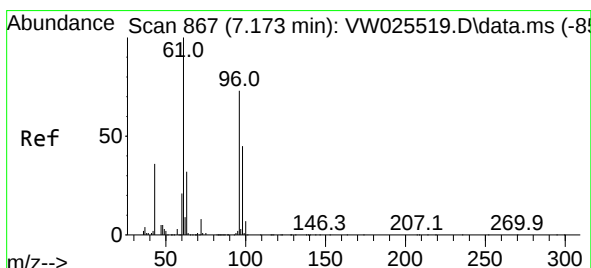
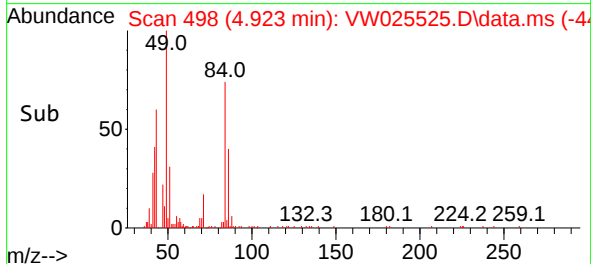
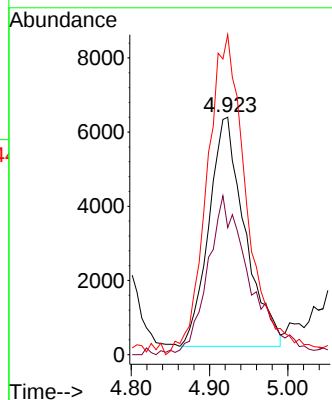
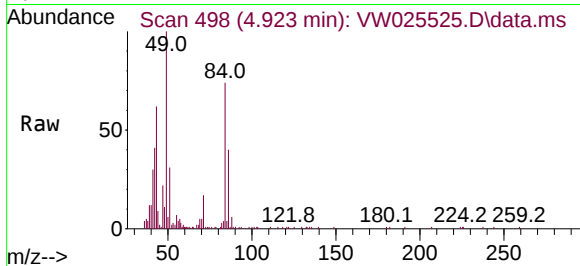




#16
Methylene chloride
Concen: 1.705 ug/L
RT: 4.923 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14

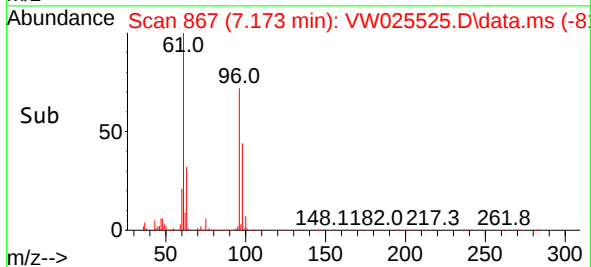
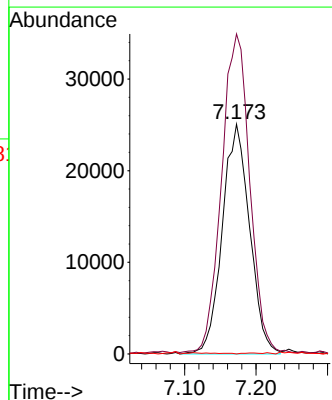
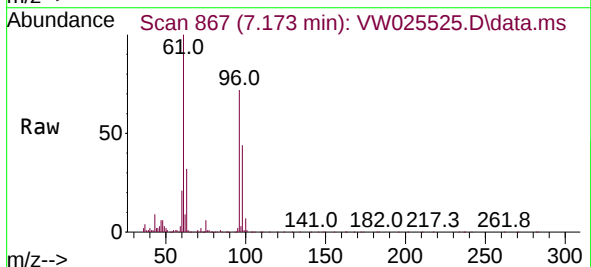
Instrument :
MSVOA_W
ClientSampleId :

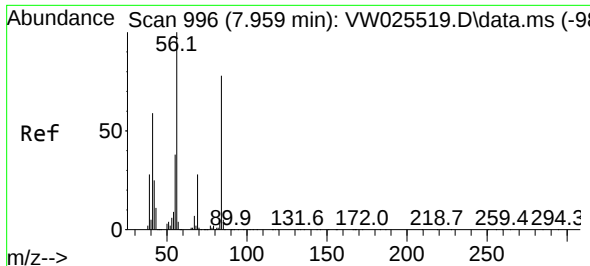
Tgt Ion: 84 Resp: 19750
Ion Ratio Lower Upper
84 100
86 53.5 45.1 83.7
49 134.8 94.7 175.9



#20
cis-1,2-Dichloroethene
Concen: 5.584 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14

Tgt Ion: 96 Resp: 66480
Ion Ratio Lower Upper
96 100
61 139.2 95.5 177.4
68 0.0 0.1 0.1#

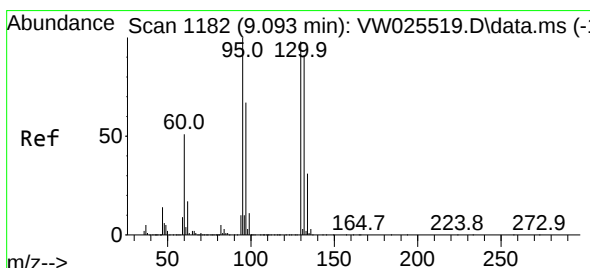
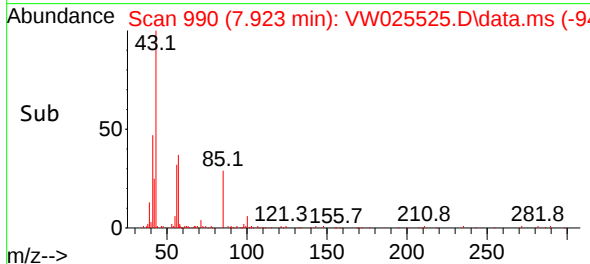
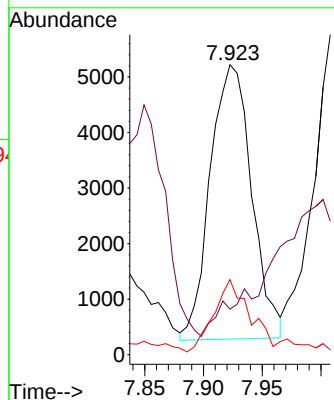
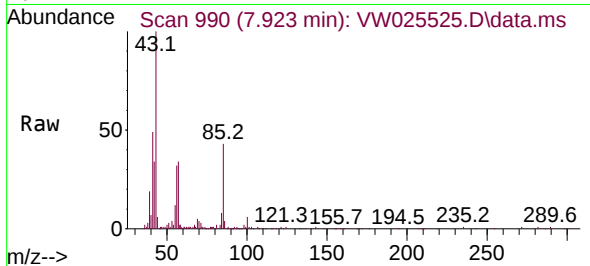




#29
Cyclohexane
Concen: 0.870 ug/L
RT: 7.923 min Scan# 996
Delta R.T. -0.037 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14

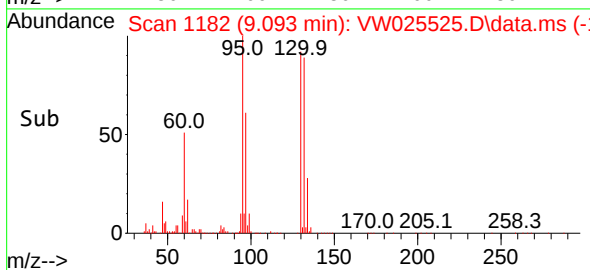
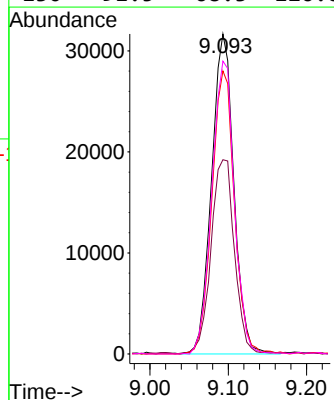
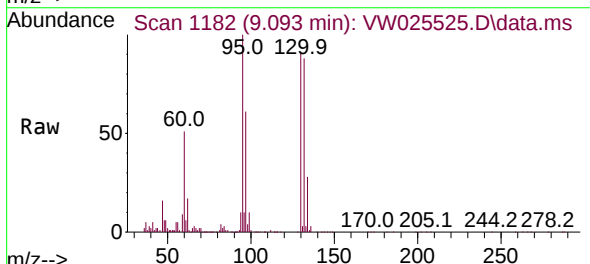
Instrument :
MSVOA_W
ClientSampleId :

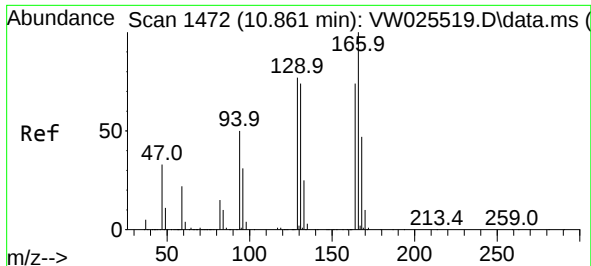
Tgt Ion: 56 Resp: 12133
Ion Ratio Lower Upper
56 100
69 6.4 23.1 34.7#
84 19.4 63.9 95.9#



#34
Trichloroethene
Concen: 7.552 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14

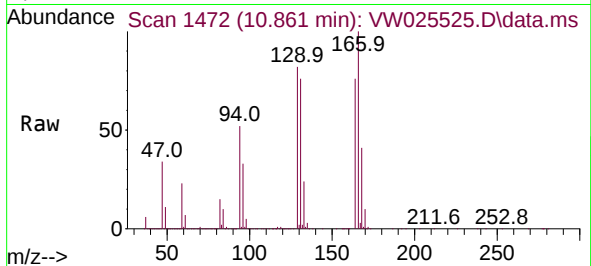
Tgt Ion: 95 Resp: 62622
Ion Ratio Lower Upper
95 100
97 60.7 43.8 81.4
132 88.4 65.9 122.3
130 91.5 68.3 126.8





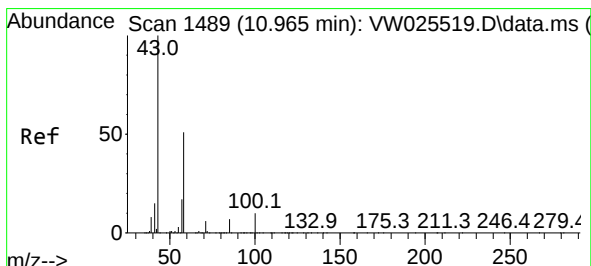
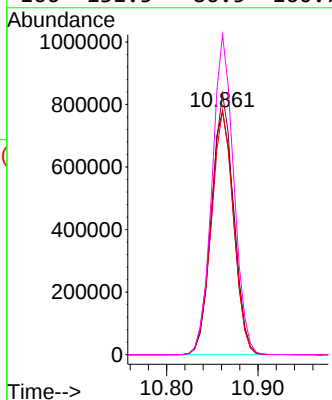
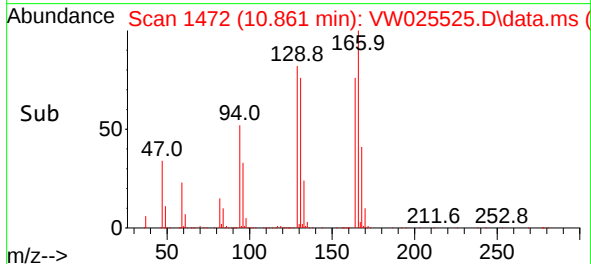
#46
Tetrachloroethene
Concen: 229.194 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14

Instrument :
MSVOA_W
ClientSampleId :

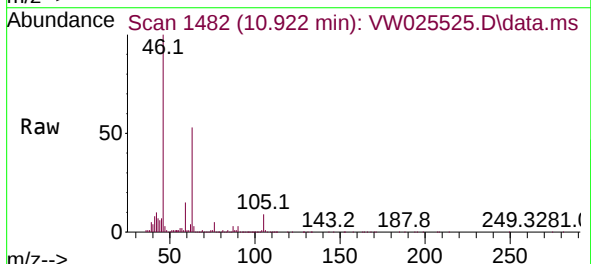


Tgt Ion:164 Resp: 1352310

Ion	Ratio	Lower	Upper
164	100		
129	107.4	67.7	125.7
131	100.5	67.0	124.4
166	131.5	86.5	160.7



#48
2-Hexanone
Concen: 3.929 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW025525.D
Acq: 31 Mar 2023 12:14



Tgt Ion: 43 Resp: 14775

Ion	Ratio	Lower	Upper
43	100		
58	21.7	41.2	61.8#
57	32.1	14.2	21.4#
100	2.0	8.5	12.7#

