

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
 Data File : VW025587.D
 Acq On : 19 Apr 2023 17:54
 Operator : SY/MD
 Sample : 02418-13
 Misc : 5.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z7

Quant Time: Apr 20 01:34:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 19 04:10:43 2023
 Response via : Initial Calibration

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

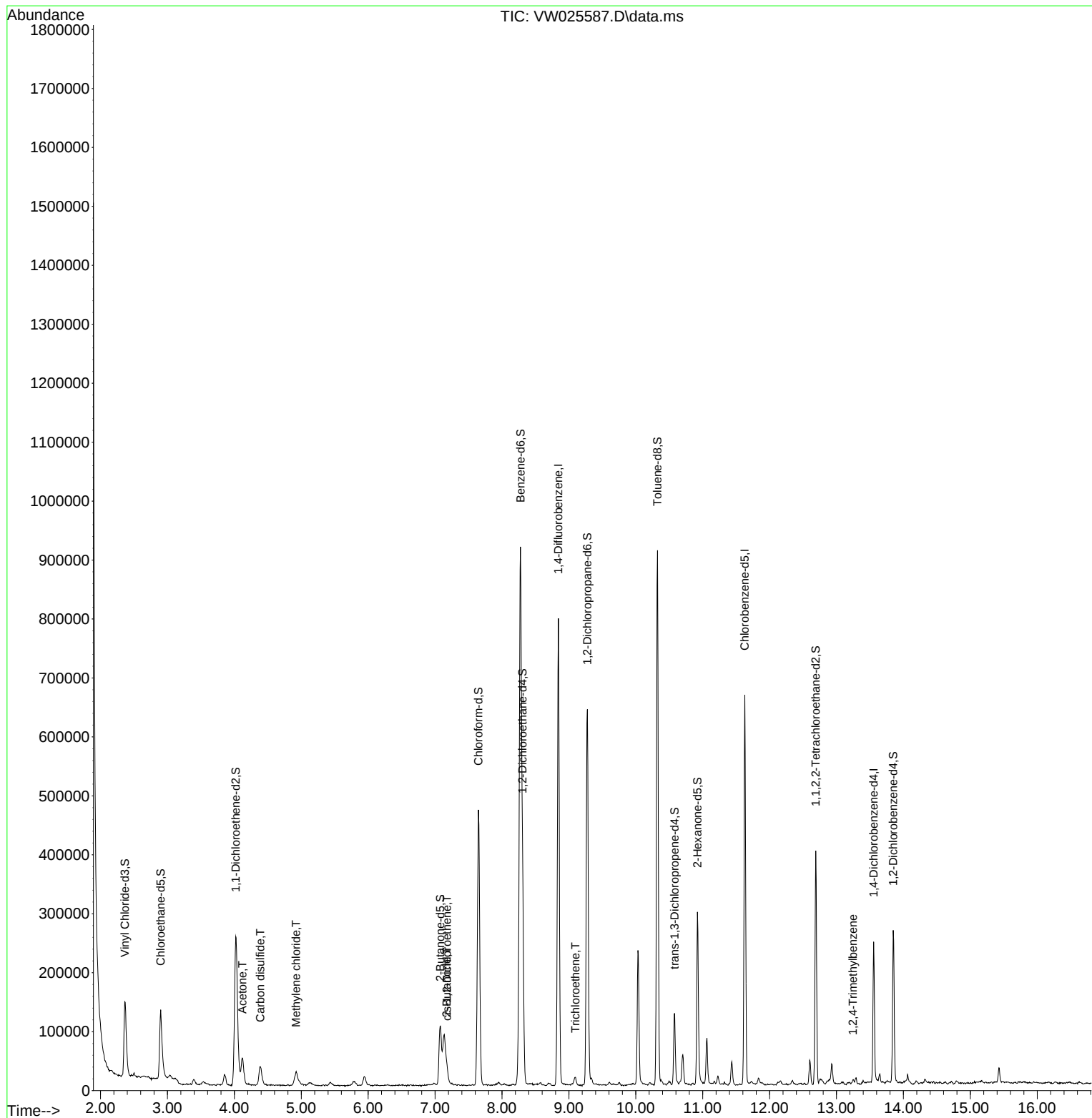
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	613308	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	331669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	56301	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	193258	19.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
7) Chloroethane-d5	2.899	69	175202	24.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	4.021	63	311927	15.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.800%
21) 2-Butanone-d5	7.075	46	187032	84.004	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.000%#
24) Chloroform-d	7.648	84	460156	26.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.306	65	257667	28.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.040%
32) Benzene-d6	8.276	84	873309	40.664	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	162.640%#
36) 1,2-Dichloropropane-d6	9.276	67	303703	45.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	181.400%#
41) Toluene-d8	10.324	98	572955	30.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.160%
43) trans-1,3-Dichloroprop...	10.580	79	66323	26.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.680%
47) 2-Hexanone-d5	10.922	63	94936	103.723	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.440%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	197594	43.719	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	174.880%#
66) 1,2-Dichlorobenzene-d4	13.848	152	63079	32.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.440%#
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	74137	39.343	ug/L	97
14) Carbon disulfide	4.386	76	34783	1.158	ug/L	100
16) Methylene chloride	4.923	84	17572	1.803	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	9154	0.972	ug/L #	88
22) 2-Butanone	7.172	43	29475	11.003	ug/L	93
34) Trichloroethene	9.099	95	4472	0.745	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	4367	0.651	ug/L	96

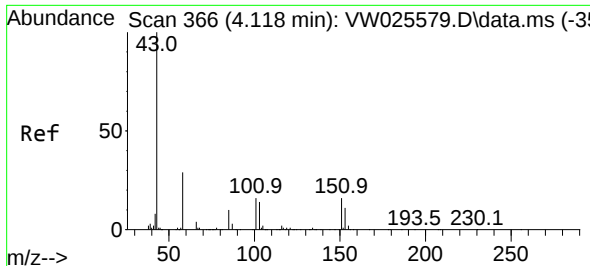
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.343 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

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Instrument :

MSVOA_W

ClientSampleId :

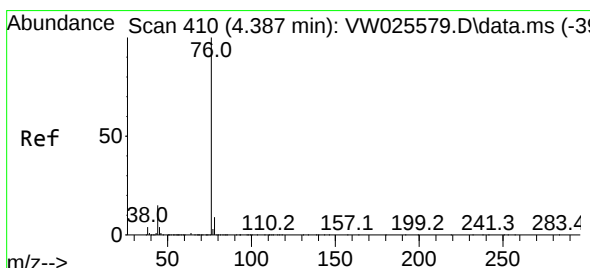
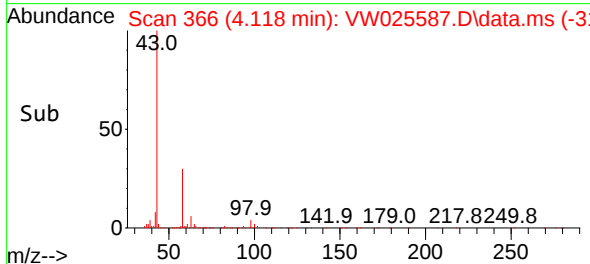
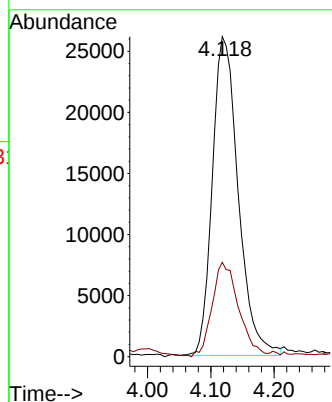
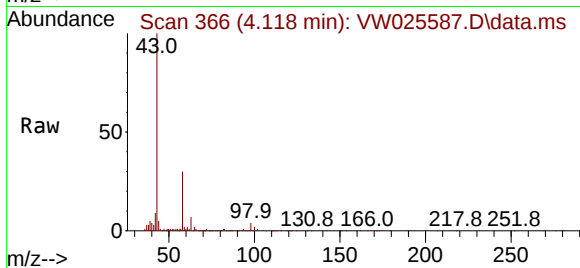
EW8Z7

Tgt Ion: 43 Resp: 74137

Ion Ratio Lower Upper

43 100

58 30.3 0.0 57.4



#14

Carbon disulfide

Concen: 1.158 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.007 min

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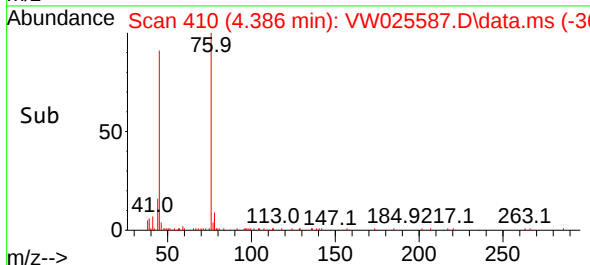
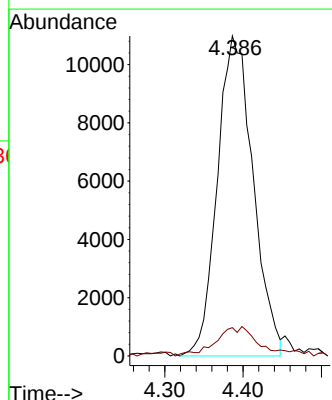
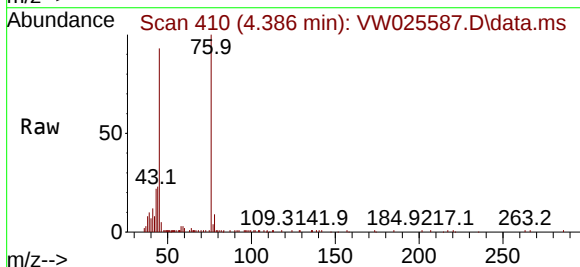
Acq: 19 Apr 2023 17:54

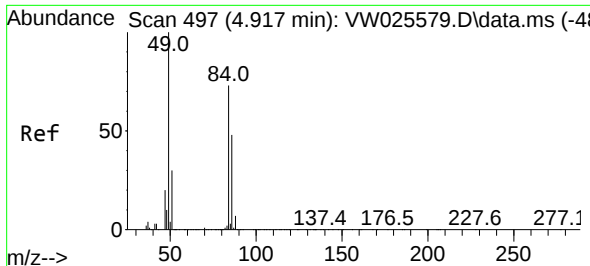
Tgt Ion: 76 Resp: 34783

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

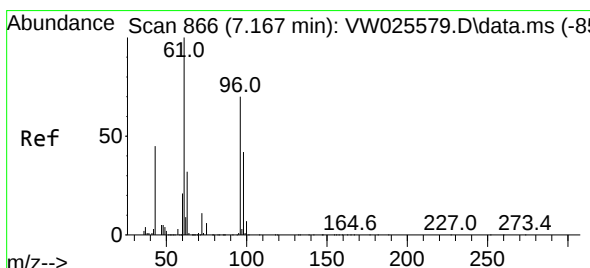
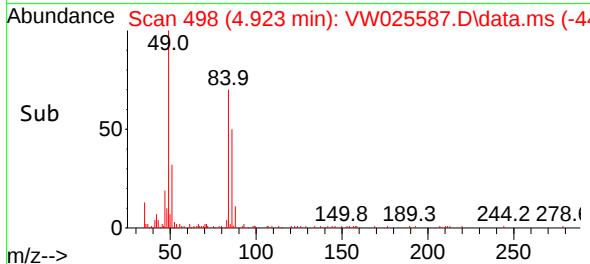
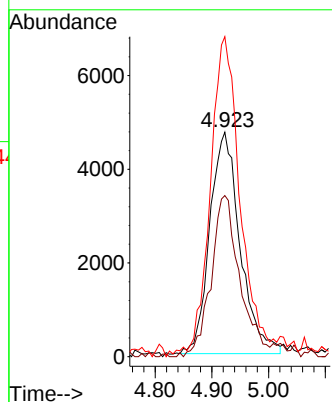
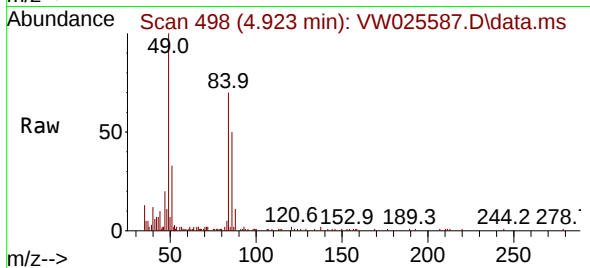




#16
Methylene chloride
Concen: 1.803 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW025587.D
Acq: 19 Apr 2023 17:54

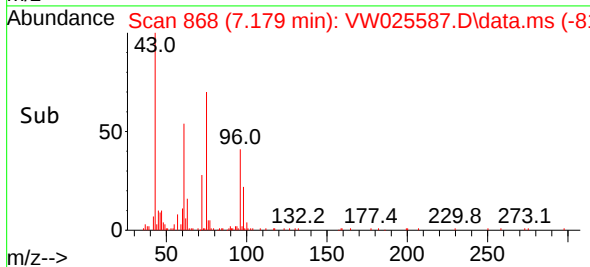
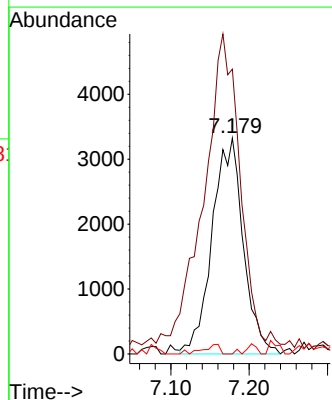
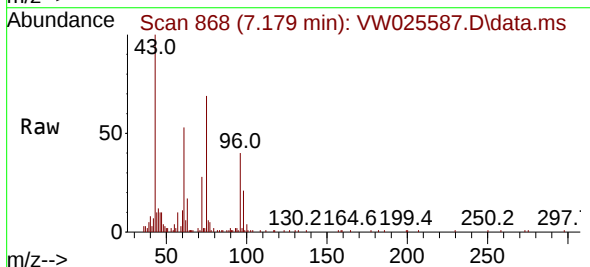
Instrument :
MSVOA_W
ClientSampleId :
EW8Z7

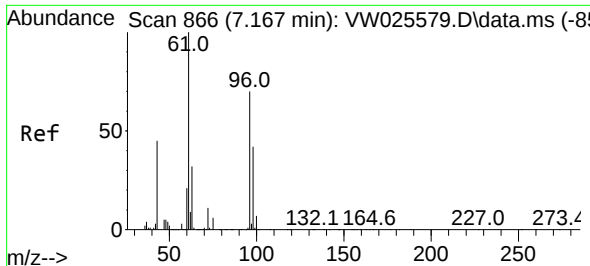
Tgt Ion: 84 Resp: 17572
Ion Ratio Lower Upper
84 100
86 71.8 44.9 83.3
49 142.6 101.4 188.4



#20
cis-1,2-Dichloroethene
Concen: 0.972 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW025587.D
Acq: 19 Apr 2023 17:54

Tgt Ion: 96 Resp: 9154
Ion Ratio Lower Upper
96 100
61 131.9 102.6 190.6
68 0.0 0.1 0.1#

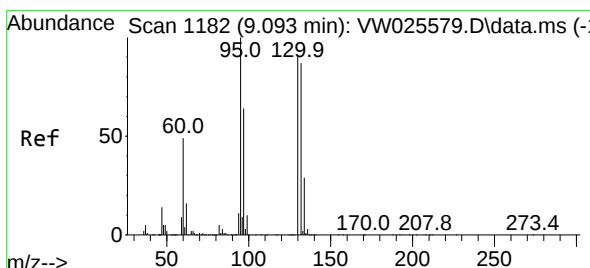
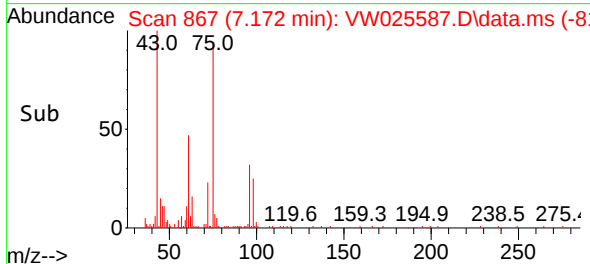
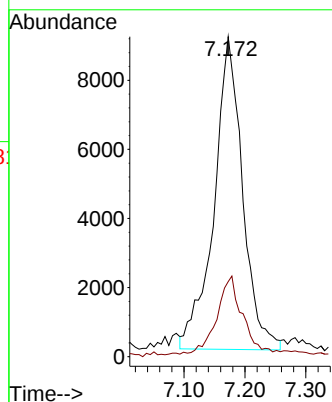
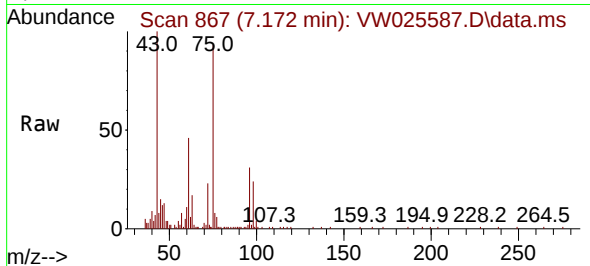




#22
2-Butanone
Concen: 11.003 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025587.D
Acq: 19 Apr 2023 17:54

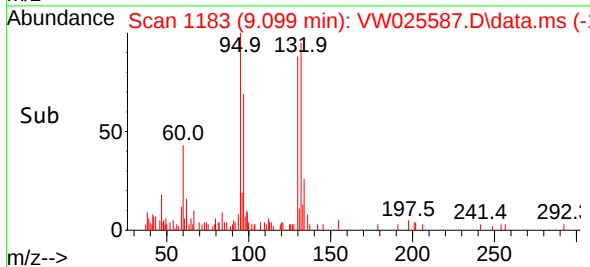
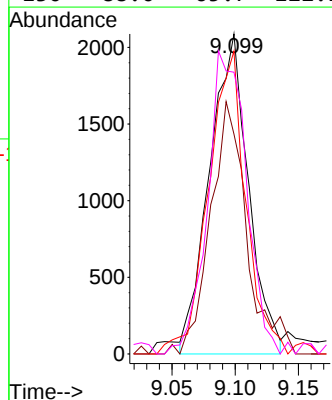
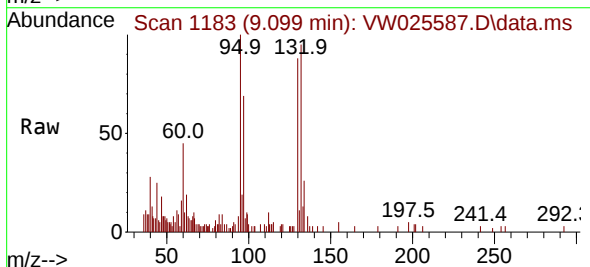
Instrument :
MSVOA_W
ClientSampleId :
EW8Z7

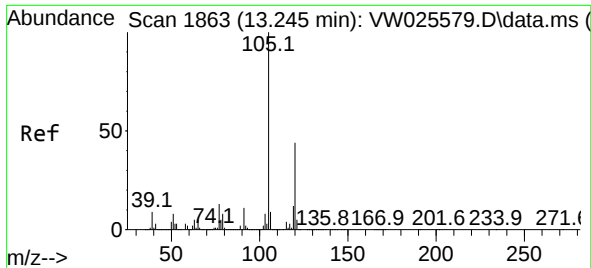
Tgt Ion: 43 Resp: 29475
Ion Ratio Lower Upper
43 100
72 20.8 12.0 36.0



#34
Trichloroethene
Concen: 0.745 ug/L
RT: 9.099 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VW025587.D
Acq: 19 Apr 2023 17:54

Tgt Ion: 95 Resp: 4472
Ion Ratio Lower Upper
95 100
97 68.7 42.5 78.9
132 94.6 59.8 111.1
130 88.0 65.7 122.1





#63
1,2,4-Trimethylbenzene
Concen: 0.651 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025587.D
Acq: 19 Apr 2023 17:54

Instrument :
MSVOA_W
ClientSampleId :
EW8Z7

Tgt Ion:105 Resp: 4367
Ion Ratio Lower Upper
105 100
120 40.9 34.8 52.2

