

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026975.D
 Acq On : 31 Aug 2023 14:14
 Operator : SY/MD
 Sample : 04235-09RE
 Misc : 5.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 01 00:47:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 01 00:44:05 2023
 Response via : Initial Calibration

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

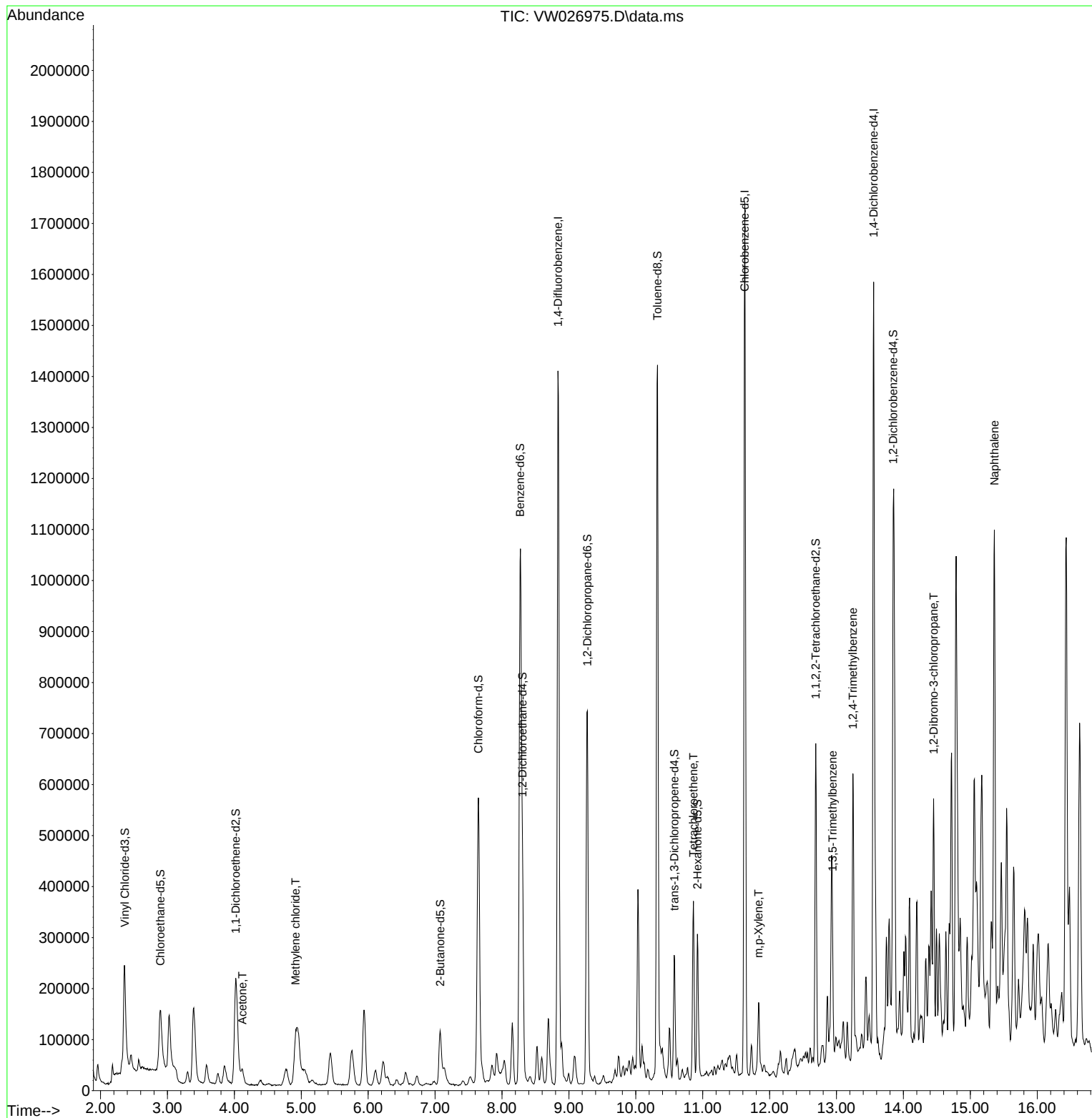
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1173506	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	936183	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	384254	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194291	10.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.280%
7) Chloroethane-d5	2.893	69	210350	14.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.640%
11) 1,1-Dichloroethene-d2	4.021	65	91212	9.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.440%#
21) 2-Butanone-d5	7.075	46	176733	31.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.740%
24) Chloroform-d	7.648	84	575663	14.616	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.480%
26) 1,2-Dichloroethane-d4	8.307	65	311693	14.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	57.360%#
32) Benzene-d6	8.270	84	1136818	17.619	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.480%
36) 1,2-Dichloropropane-d6	9.276	67	369209	18.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.480%
41) Toluene-d8	10.325	98	960582	17.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.360%
43) trans-1,3-Dichloroprop...	10.575	79	130166	15.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.760%
47) 2-Hexanone-d5	10.922	63	99920	47.315	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	322477	20.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	275741	20.049	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.200%
Target Compounds					Qvalue	
13) Acetone	4.118	43	41692	7.562	ug/L	92
16) Methylene chloride	4.917	84	96743	4.262	ug/L	88
46) Tetrachloroethene	10.861	164	81051	6.425	ug/L	98
53) m,p-Xylene	11.836	106	20317	0.709	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	78275	1.733	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	306843	6.934	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.452	75	2805	1.248	ug/L #	16
71) Naphthalene	15.360	128	817745	30.122	ug/L	100

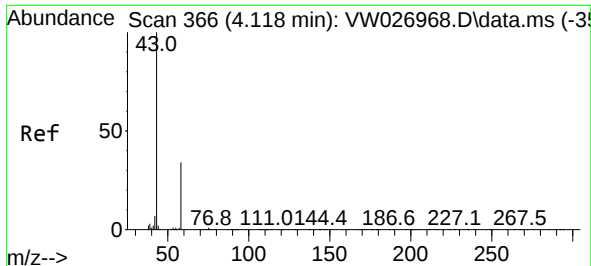
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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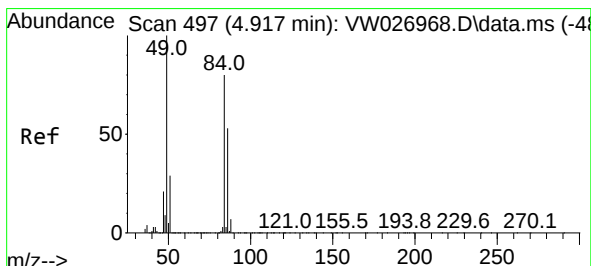
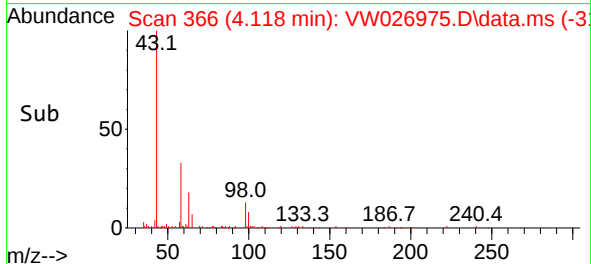
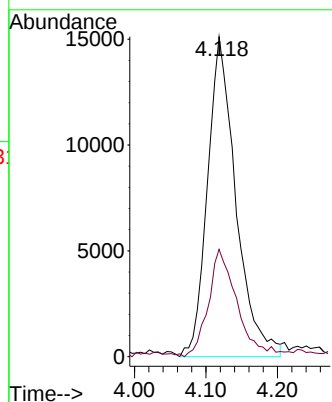
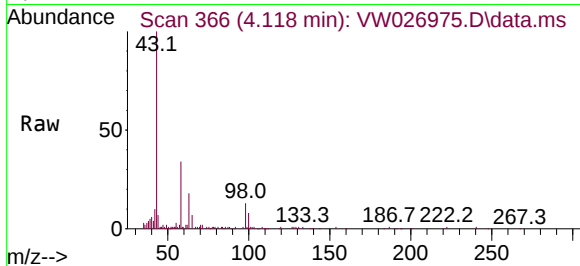




#13
Acetone
Concen: 7.562 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14

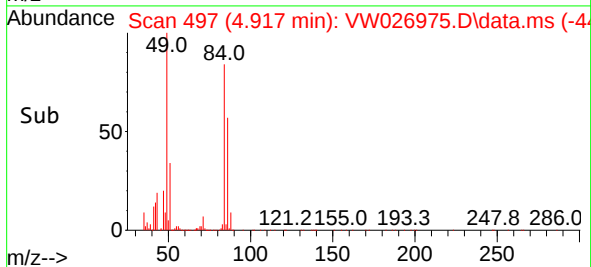
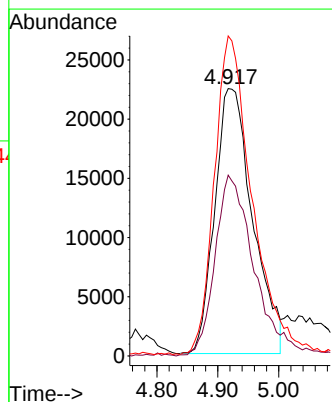
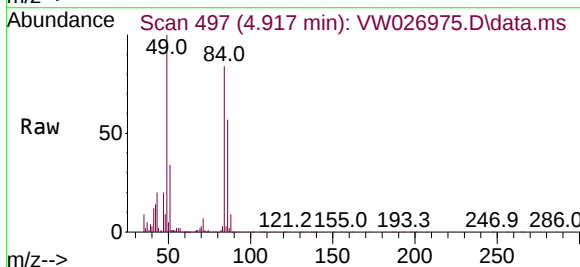
Instrument :
MSVOA_W
ClientSampleId :

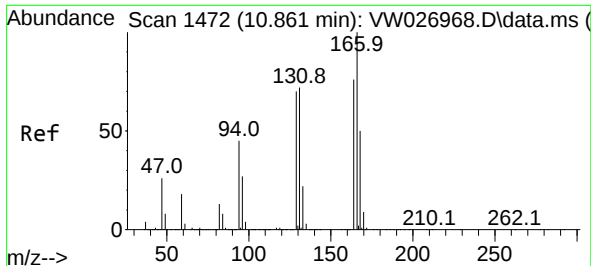
Tgt Ion: 43 Resp: 41692
Ion Ratio Lower Upper
43 100
58 32.9 0.0 57.4



#16
Methylene chloride
Concen: 4.262 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14

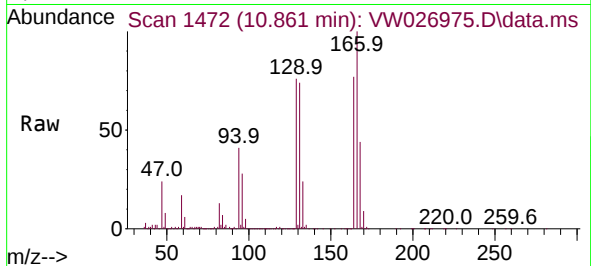
Tgt Ion: 84 Resp: 96743
Ion Ratio Lower Upper
84 100
86 67.7 43.5 80.9
49 119.7 96.0 178.2



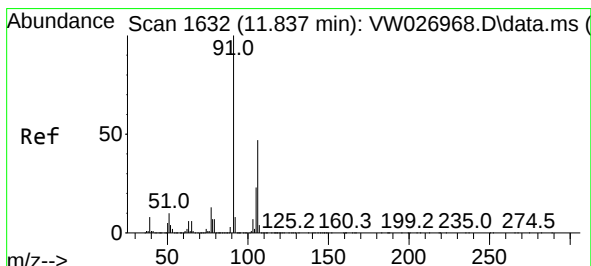
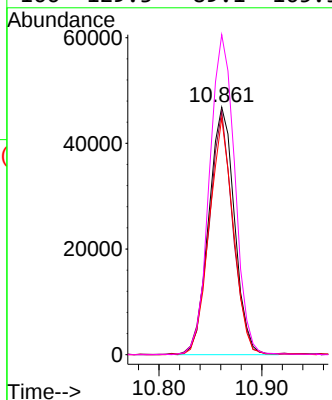
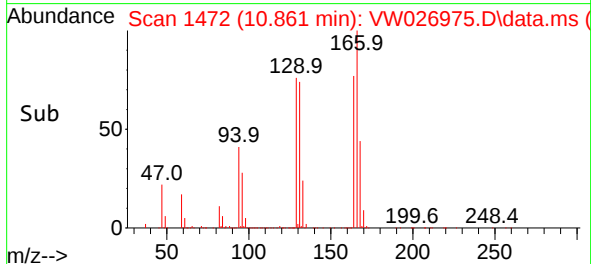


#46
Tetrachloroethene
Concen: 6.425 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14

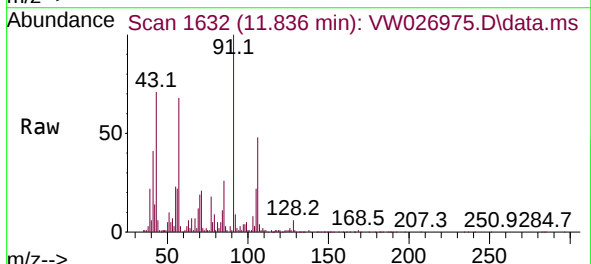
Instrument :
MSVOA_W
ClientSampleId :



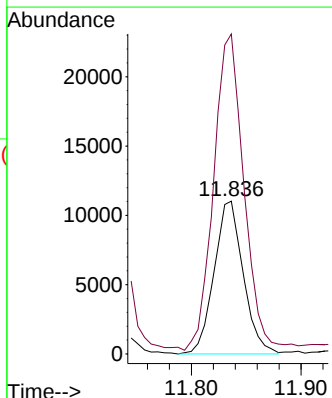
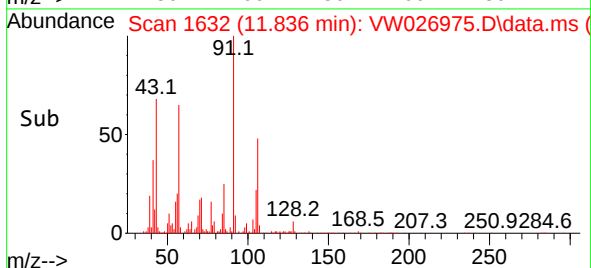
Tgt Ion:	164	Resp:	81051
Ion Ratio	Lower	Upper	
164	100		
129	98.4	68.1	126.5
131	95.7	65.5	121.7
166	129.3	89.1	165.5

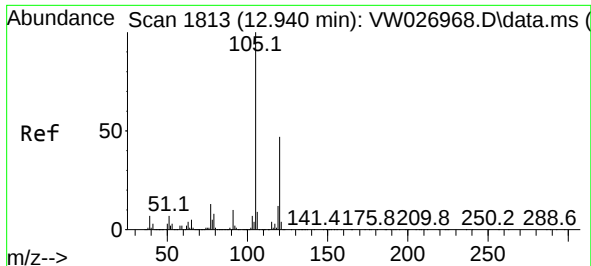


#53
m,p-Xylene
Concen: 0.709 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14



Tgt Ion:	106	Resp:	20317
Ion Ratio	Lower	Upper	
106	100		
91	209.4	152.9	284.1

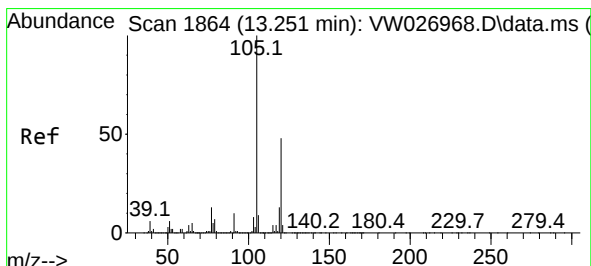
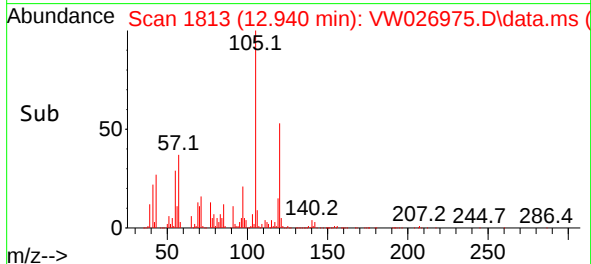
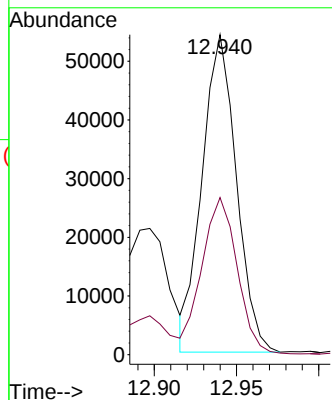
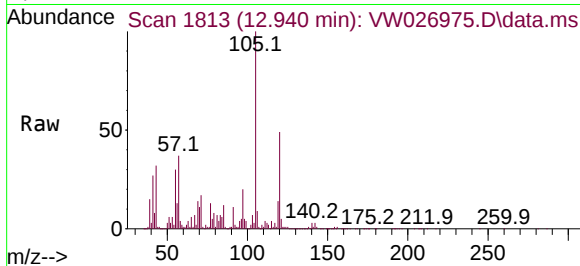




#62
1,3,5-Trimethylbenzene
Concen: 1.733 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14

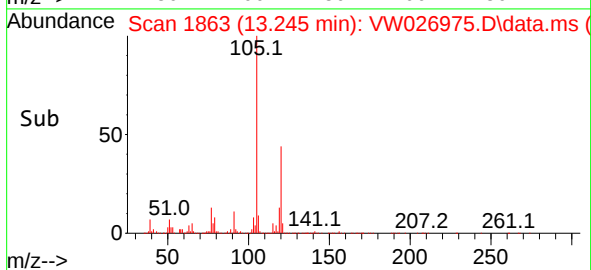
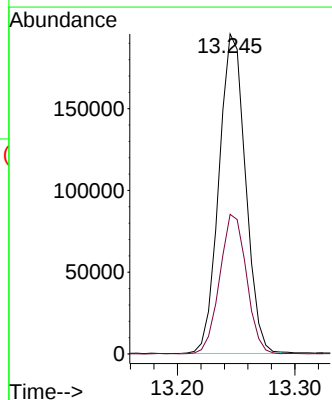
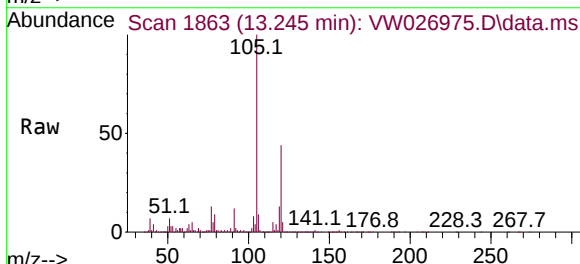
Instrument :
MSVOA_W
ClientSampleId :

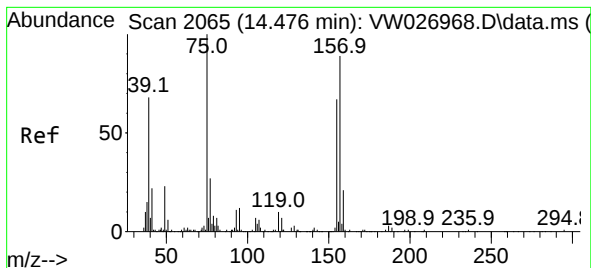
Tgt Ion:105 Resp: 78275
Ion Ratio Lower Upper
105 100
120 50.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 6.934 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14

Tgt Ion:105 Resp: 306843
Ion Ratio Lower Upper
105 100
120 43.9 36.2 54.4

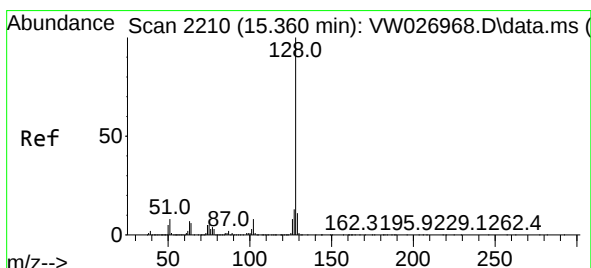
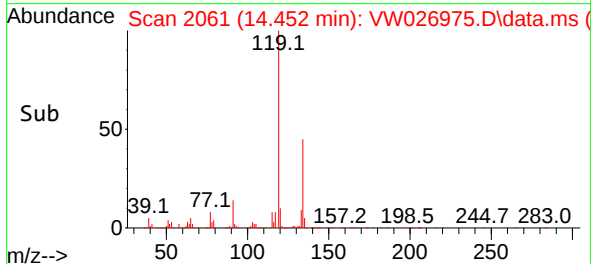
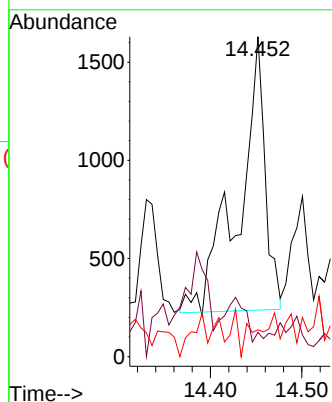
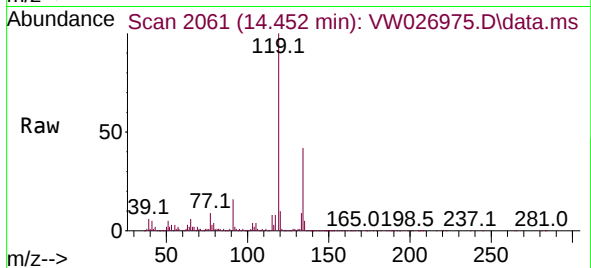




#68
1,2-Dibromo-3-chloropropane
Concen: 1.248 ug/L
RT: 14.452 min Scan# 2061
Delta R.T. -0.024 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2805
Ion Ratio Lower Upper
75 100
155 7.6 55.0 82.6#
157 8.4 77.8 116.6#



#71
Naphthalene
Concen: 30.122 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026975.D
Acq: 31 Aug 2023 14:14

Tgt Ion: 128 Resp: 817745
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.3 9.0 13.4

