

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027156.D
 Acq On : 19 Sep 2023 18:39
 Operator : SY/MD
 Sample : 04472-16RE
 Misc : 6.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 01:39:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 20 01:34:37 2023
 Response via : Initial Calibration

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

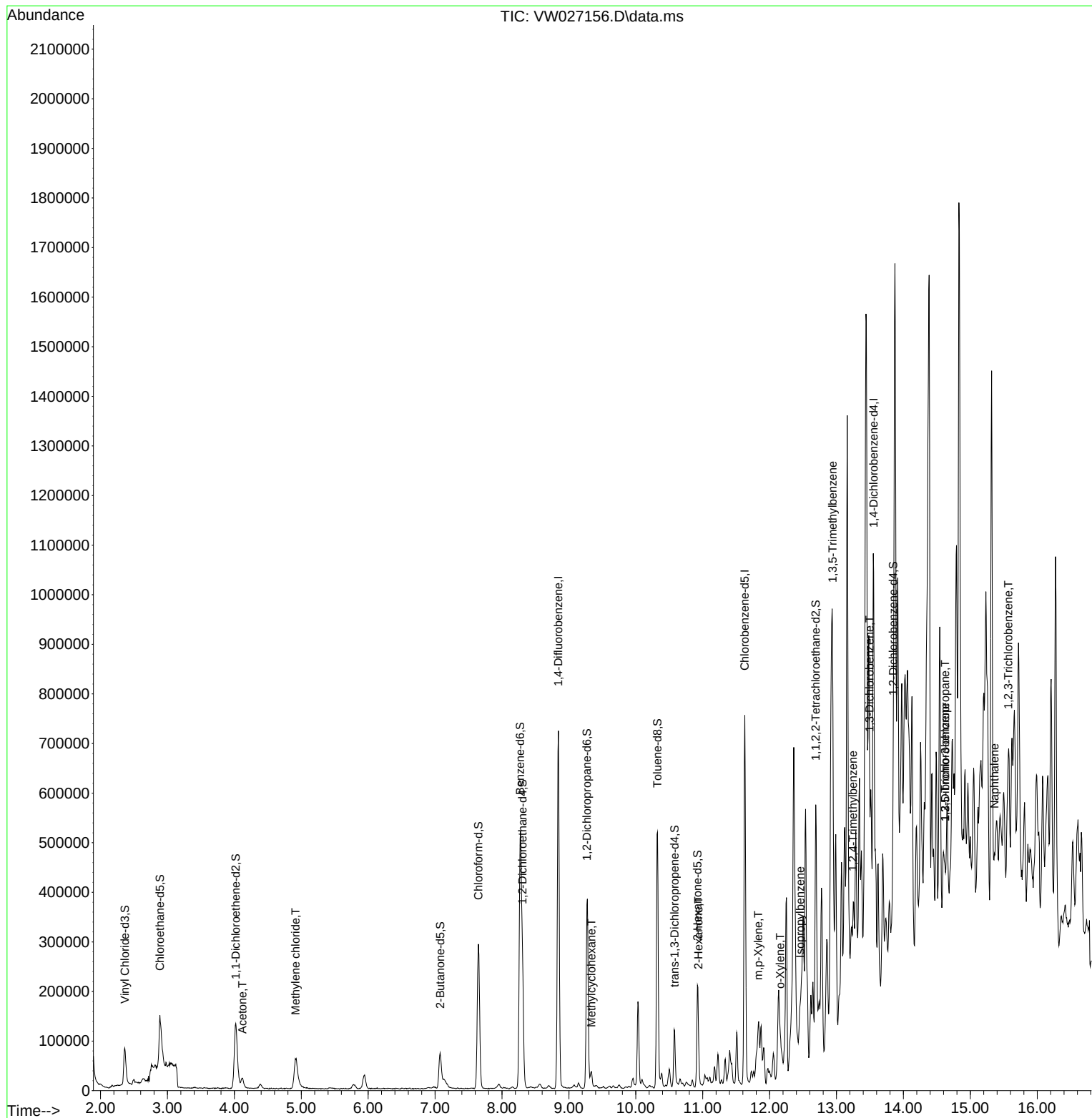
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	634754	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	436972	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143130	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	112399	11.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.040%
7) Chloroethane-d5	2.887	69	155731	19.746	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	4.021	65	48916	11.172	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.680%#
21) 2-Butanone-d5	7.075	46	118611	62.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.440%
24) Chloroform-d	7.648	84	311352	16.327	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.320%
26) 1,2-Dichloroethane-d4	8.306	65	184312	19.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.240%
32) Benzene-d6	8.270	84	576103	20.415	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.640%
36) 1,2-Dichloropropane-d6	9.270	67	190406	23.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	10.324	98	347061	13.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.280%
43) trans-1,3-Dichloroprop...	10.580	79	67356	20.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.480%
47) 2-Hexanone-d5	10.922	63	65236	67.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.600%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	212034	33.140	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.560%#
66) 1,2-Dichlorobenzene-d4	13.848	152	69488	13.595	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	54.360%#
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	30207	16.908	ug/L	100
16) Methylene chloride	4.917	84	62805	5.201	ug/L	92
35) Methylcyclohexane	9.337	83	12506	0.961	ug/L	96
48) 2-Hexanone	10.934	43	20319	8.765	ug/L #	37
53) m,p-Xylene	11.830	106	23281	1.815	ug/L	84
54) o-Xylene	12.159	106	11850	0.970	ug/L	95
60) Isopropylbenzene	12.458	105	16153	0.842	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.940	105	32103	2.092	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	64395	4.331	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	20997	2.316	ug/L #	53
68) 1,2-Dibromo-3-chloropr...	14.622	75	1578	2.669	ug/L #	12
69) 1,3,5-Trichlorobenzene	14.622	180	6861	1.051	ug/L	91
71) Naphthalene	15.360	128	100192	11.642	ug/L	97
72) 1,2,3-Trichlorobenzene	15.567	180	3055	0.654	ug/L #	1

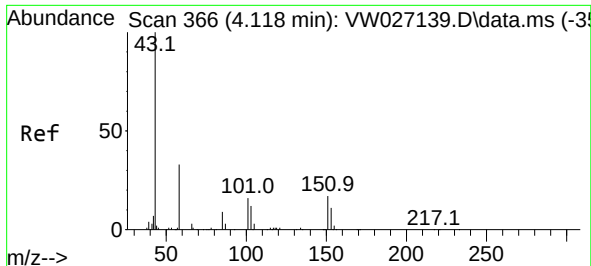
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

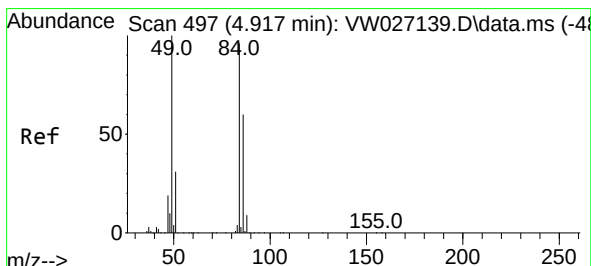
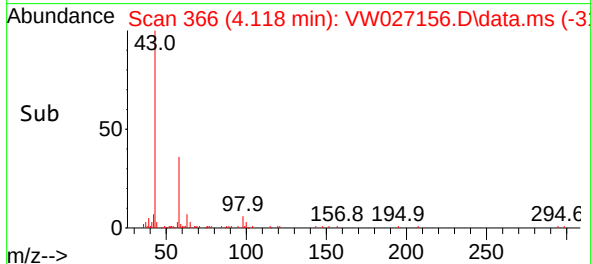
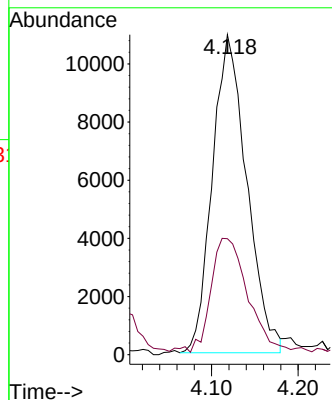
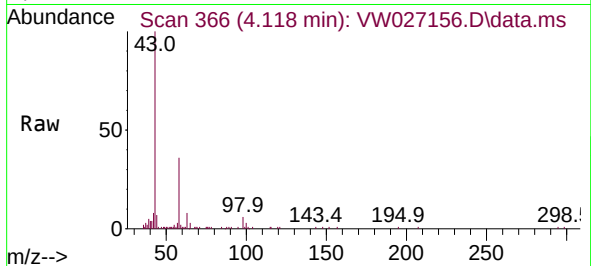




#13
Acetone
Concen: 16.908 ug/L
RT: 4.118 min Scan# 30207
Delta R.T. -0.000 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

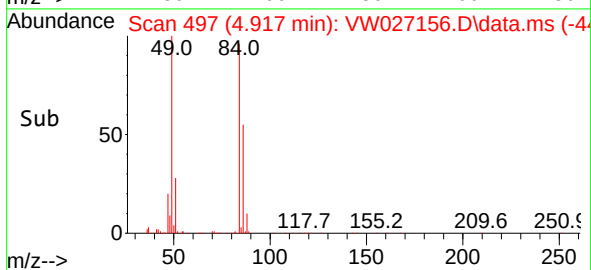
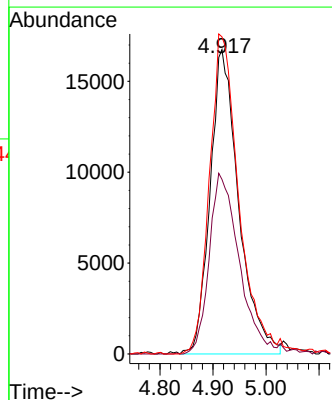
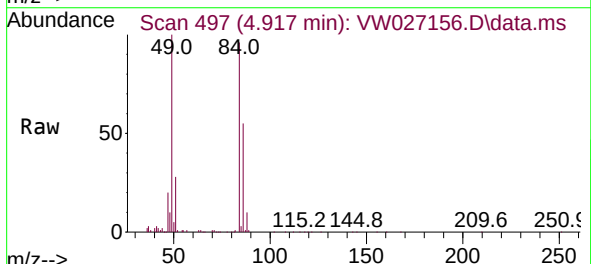
Instrument :
MSVOA_W
ClientSampleId :

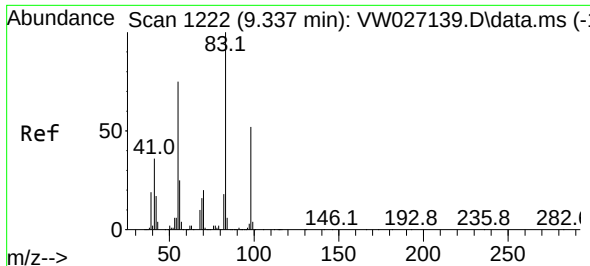
Tgt Ion: 43 Resp: 30207
Ion Ratio Lower Upper
43 100
58 38.8 0.0 77.4



#16
Methylene chloride
Concen: 5.201 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

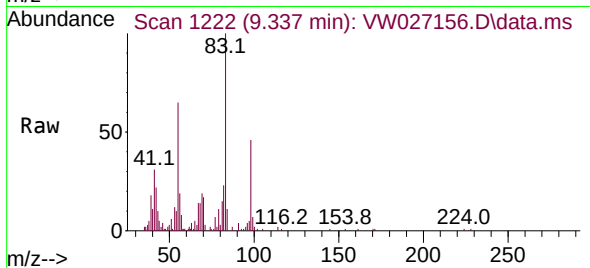
Tgt Ion: 84 Resp: 62805
Ion Ratio Lower Upper
84 100
86 57.4 46.7 86.7
49 104.2 77.1 143.1



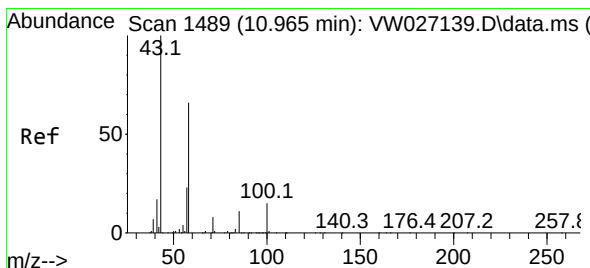
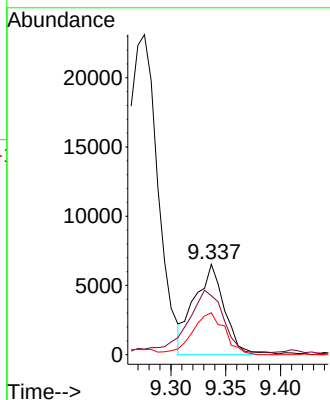
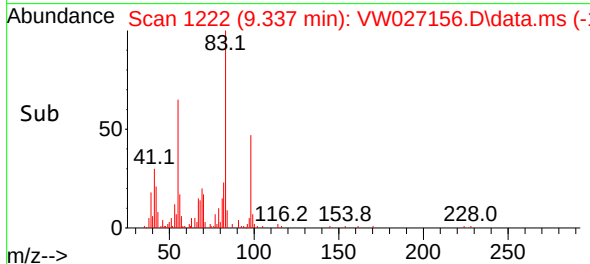


#35
Methylcyclohexane
Concen: 0.961 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

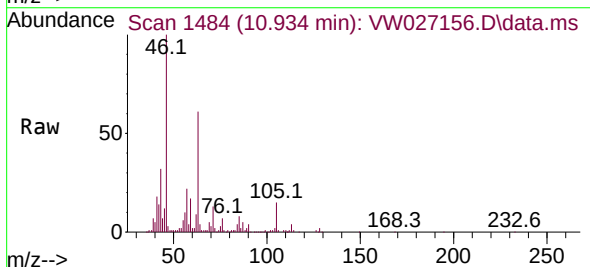
Instrument :
MSVOA_W
ClientSampleId :



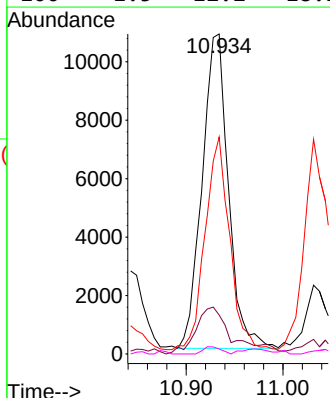
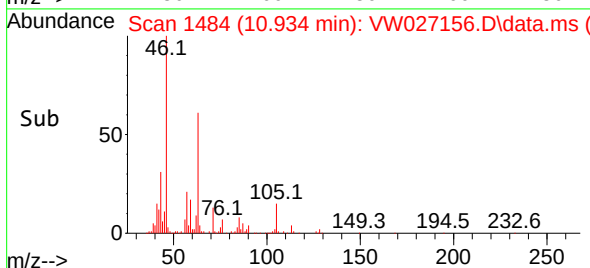
Tgt Ion: 83 Resp: 12506
Ion Ratio Lower Upper
83 100
55 76.4 58.0 87.0
98 50.2 38.5 57.7

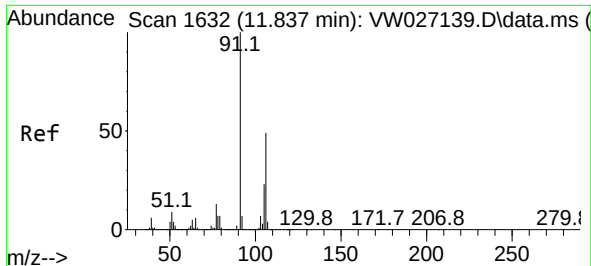


#48
2-Hexanone
Concen: 8.765 ug/L
RT: 10.934 min Scan# 1484
Delta R.T. -0.031 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39



Tgt Ion: 43 Resp: 20319
Ion Ratio Lower Upper
43 100
58 15.9 51.4 77.0#
57 62.9 17.2 25.8#
100 1.5 12.2 18.2#

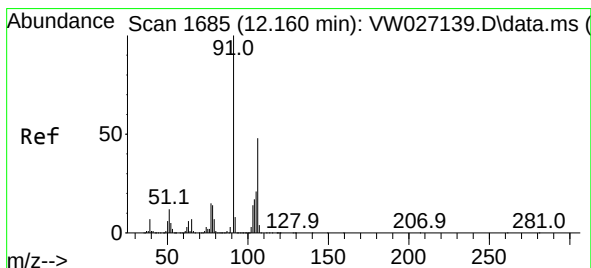
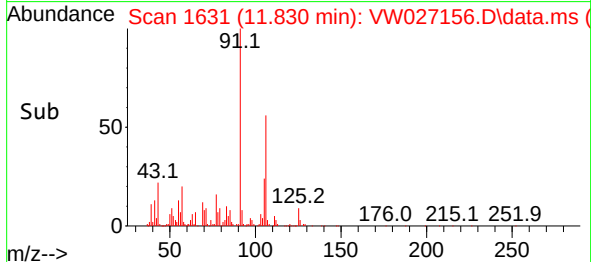
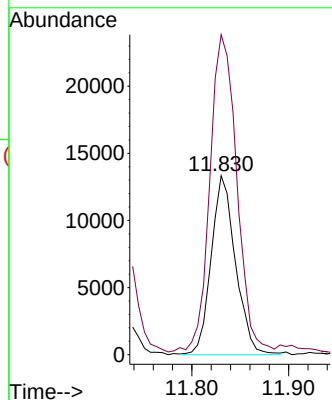
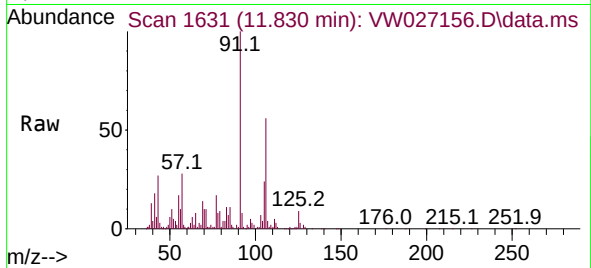




#53
m,p-Xylene
Concen: 1.815 ug/L
RT: 11.830 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

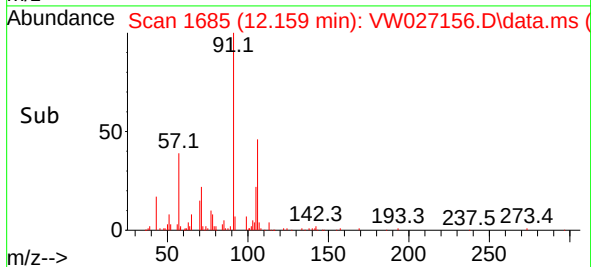
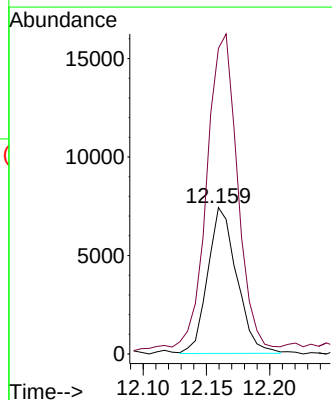
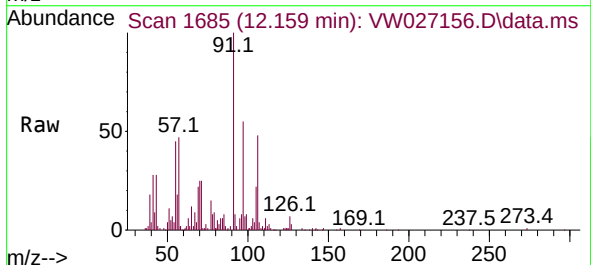
Instrument :
MSVOA_W
ClientSampleId :

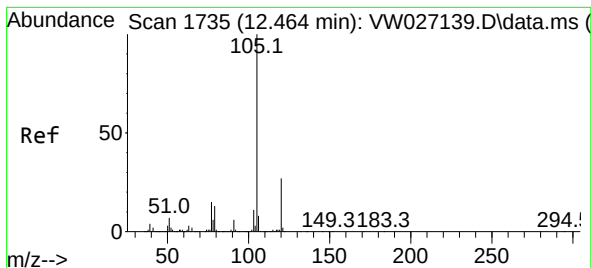
Tgt Ion:106 Resp: 23281
Ion Ratio Lower Upper
106 100
91 178.9 142.7 265.1



#54
o-Xylene
Concen: 0.970 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

Tgt Ion:106 Resp: 11850
Ion Ratio Lower Upper
106 100
91 208.8 140.6 261.0





#60

Isopropylbenzene

Concen: 0.842 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027156.D

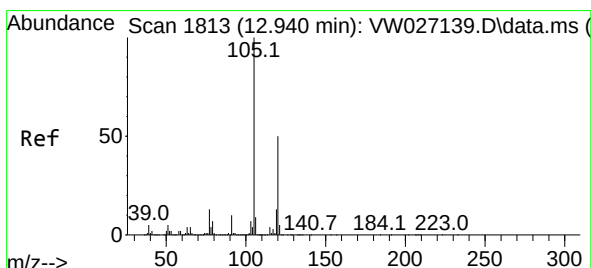
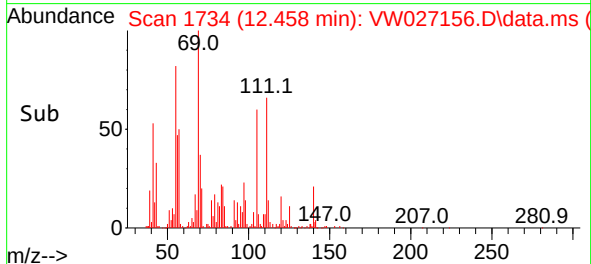
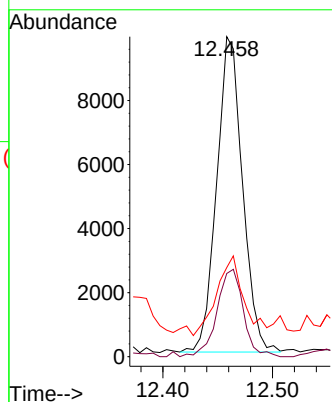
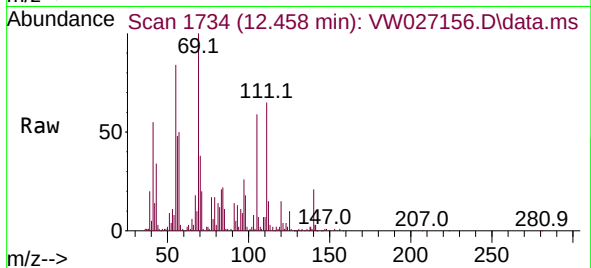
Acq: 19 Sep 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	16153
Ion Ratio	Lower	Upper	
105	100		
120	28.2	21.0	31.4
77	26.2	12.0	18.0#



#62

1,3,5-Trimethylbenzene

Concen: 2.092 ug/L

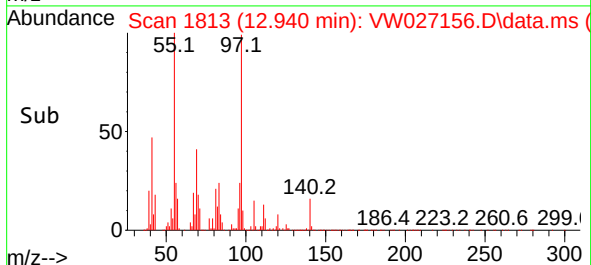
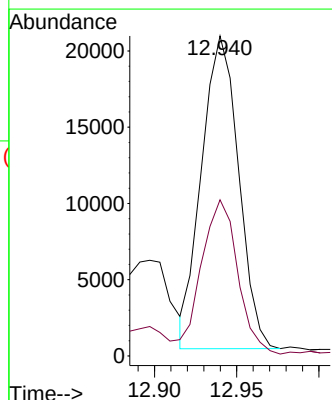
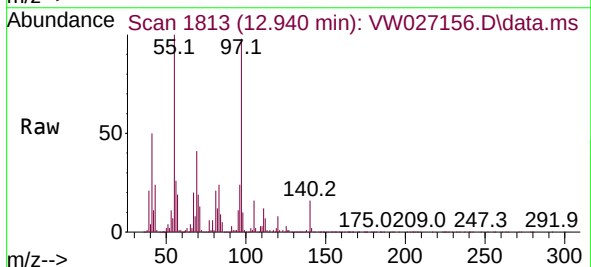
RT: 12.940 min Scan# 1813

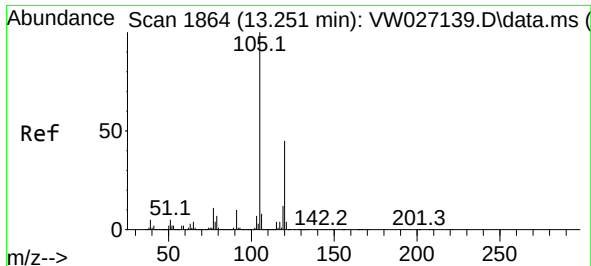
Delta R.T. -0.000 min

Lab File: VW027156.D

Acq: 19 Sep 2023 18:39

Tgt Ion:	105	Resp:	32103
Ion Ratio	Lower	Upper	
105	100		
120	48.7	40.5	60.7

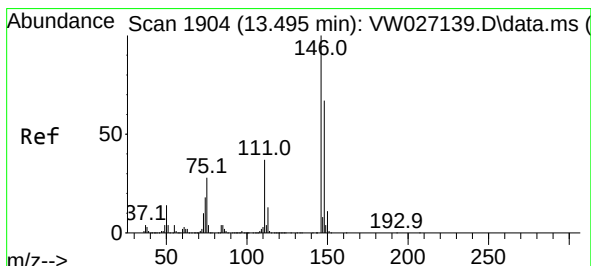
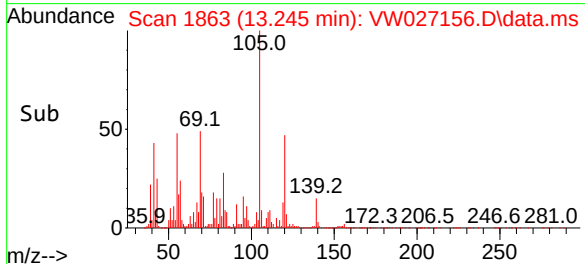
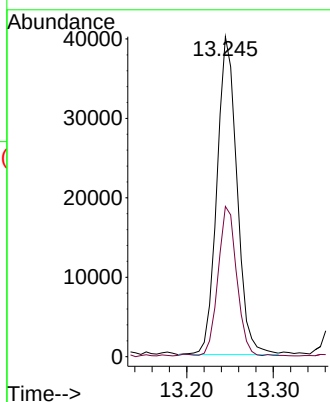
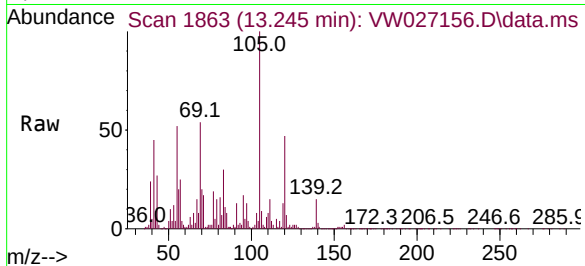




#63
1,2,4-Trimethylbenzene
Concen: 4.331 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

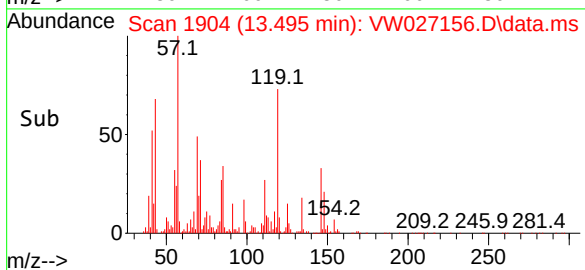
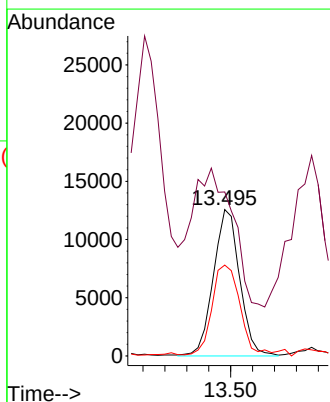
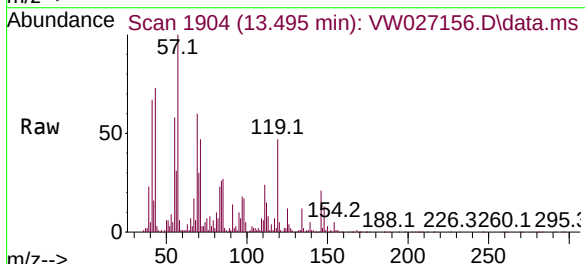
Instrument :
MSVOA_W
ClientSampleId :

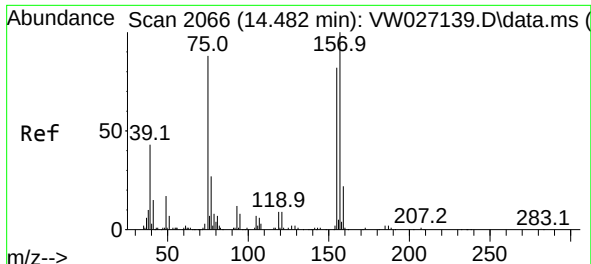
Tgt Ion:105 Resp: 64395
Ion Ratio Lower Upper
105 100
120 43.2 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 2.316 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

Tgt Ion:146 Resp: 20997
Ion Ratio Lower Upper
146 100
111 112.0 27.6 51.4#
148 62.0 46.0 85.4





#68

1,2-Dibromo-3-chloropropane

Concen: 2.669 ug/L

RT: 14.622 min Scan# 2066

Delta R.T. 0.140 min

Lab File: VW027156.D

Acq: 19 Sep 2023 18:39

Instrument :

MSVOA_W

ClientSampleId :

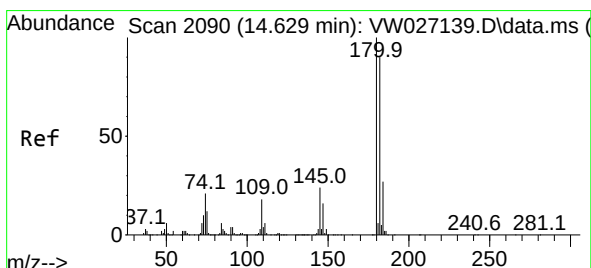
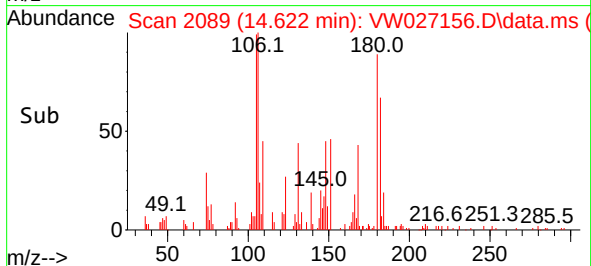
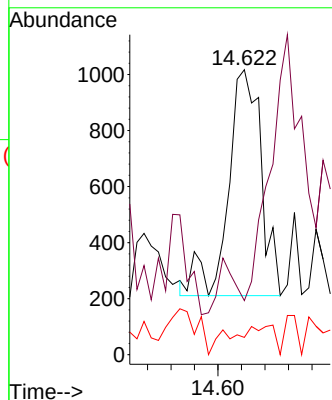
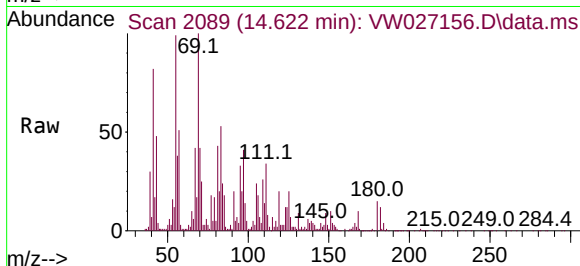
Tgt Ion: 75 Resp: 1578

Ion Ratio Lower Upper

75 100

155 19.0 58.7 88.1#

157 6.1 95.9 143.9#



#69

1,3,5-Trichlorobenzene

Concen: 1.051 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.006 min

Lab File: VW027156.D

Acq: 19 Sep 2023 18:39

Tgt Ion:180 Resp: 6861

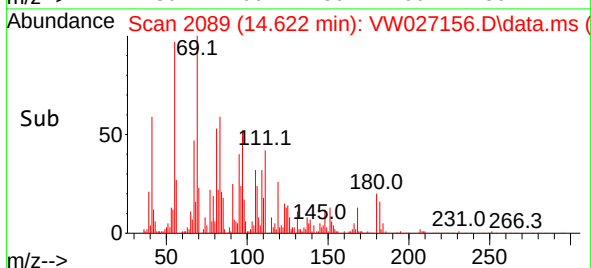
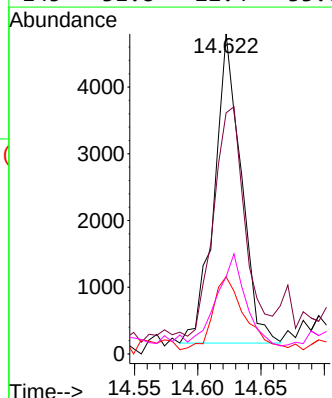
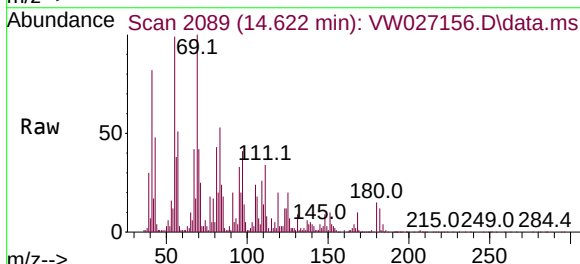
Ion Ratio Lower Upper

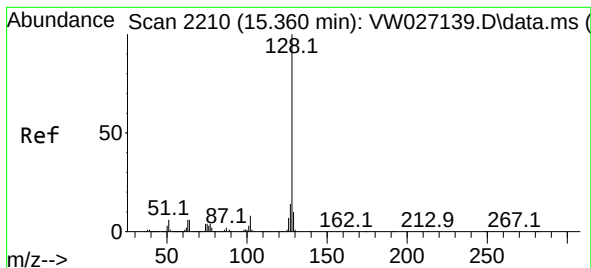
180 100

182 85.7 76.6 115.0

184 32.4 23.8 35.8

145 31.8 22.4 33.6

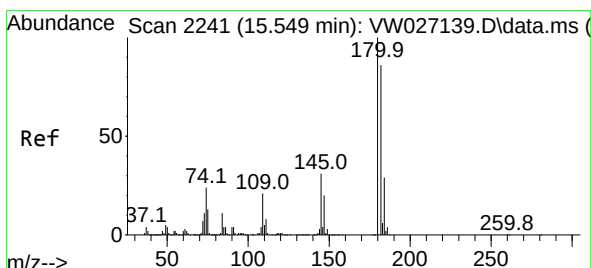
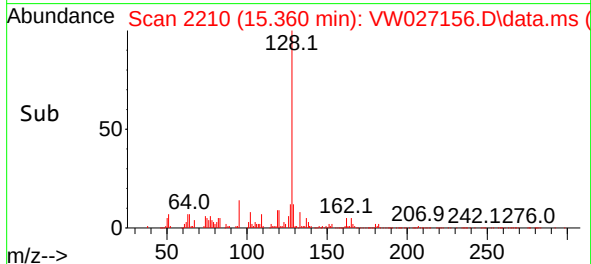
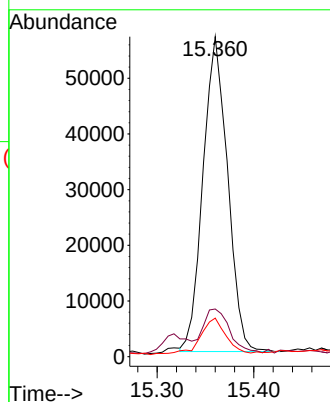
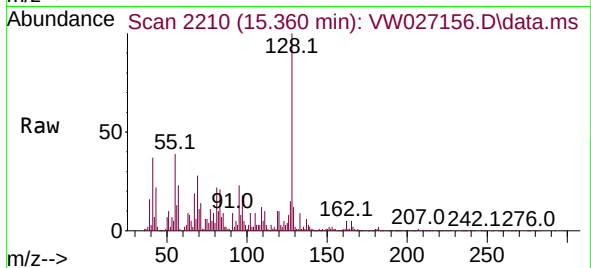




#71
Naphthalene
Concen: 11.642 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 100192
Ion Ratio Lower Upper
128 100
127 15.1 10.7 16.1
129 10.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.654 ug/L
RT: 15.567 min Scan# 2244
Delta R.T. 0.018 min
Lab File: VW027156.D
Acq: 19 Sep 2023 18:39

Tgt Ion:180 Resp: 3055
Ion Ratio Lower Upper
180 100
182 109.8 79.0 118.6
145 344.5 25.4 38.2#

