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 Data File : VW027006.D
 Acq On : 07 Sep 2023 15:49
 Operator : SY/MD
 Sample : 04330-07RE
 Misc : 5.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

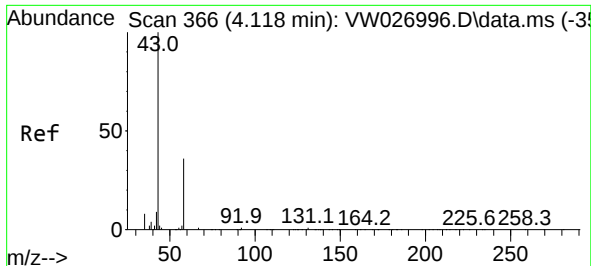
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 08 01:35:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 08 01:32:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1092742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	788887	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	216071	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	224123	11.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.920%
7) Chloroethane-d5	2.893	69	228555	14.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.040%
11) 1,1-Dichloroethene-d2	4.021	65	86996	12.091	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.360%
21) 2-Butanone-d5	7.075	46	172316	45.809	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.620%
24) Chloroform-d	7.648	84	544236	16.737	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.960%
26) 1,2-Dichloroethane-d4	8.435	65	168	0.010	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	1054171	20.373	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.480%
36) 1,2-Dichloropropane-d6	9.276	67	359544	23.668	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.680%
41) Toluene-d8	10.325	98	797646	17.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.120%
43) trans-1,3-Dichloroprop...	10.575	79	85500	14.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.000%
47) 2-Hexanone-d5	10.922	63	87172	61.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	295903	25.101	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	13.854	152	169042	22.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.480%
Target Compounds						Qvalue
13) Acetone	4.124	43	60419	18.344	ug/L	74
14) Carbon disulfide	4.387	76	231009	4.665	ug/L	97
16) Methylene chloride	4.929	84	42228	1.995	ug/L	92
20) cis-1,2-Dichloroethene	7.167	96	30141	1.621	ug/L	99
22) 2-Butanone	7.173	43	22275	4.203	ug/L	79
35) Methylcyclohexane	9.337	83	19911	0.845	ug/L #	86
52) Ethylbenzene	11.733	91	69878	1.135	ug/L	99
53) m,p-Xylene	11.836	106	55059	2.365	ug/L	96
54) o-Xylene	12.166	106	59252	2.720	ug/L	97
60) Isopropylbenzene	12.861	105	36317	1.227	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	48046	2.034	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	263047	11.391	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.446	75	2475	2.640	ug/L #	18
71) Naphthalene	15.360	128	47418	3.519	ug/L	96

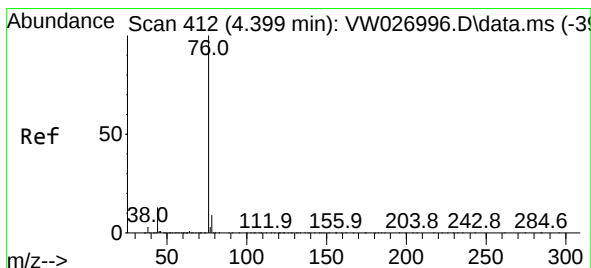
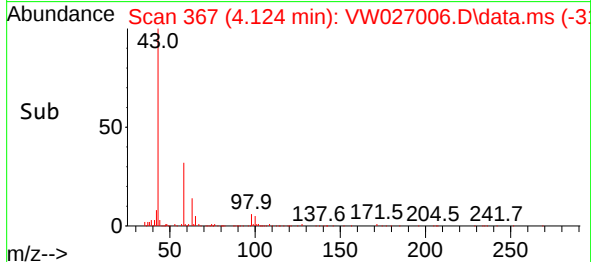
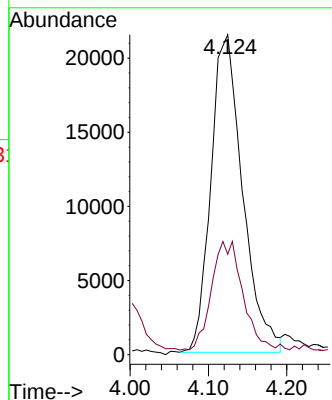
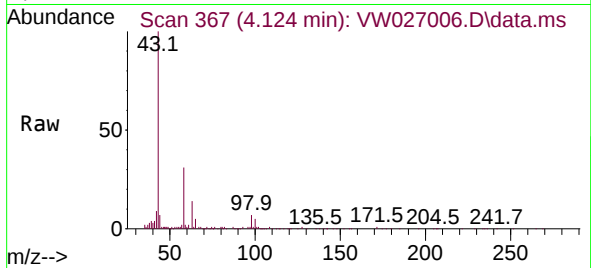
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 18.344 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

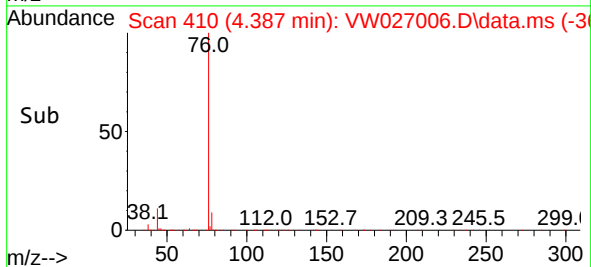
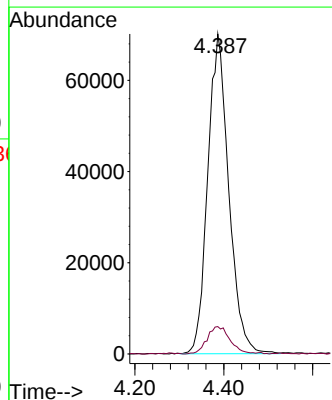
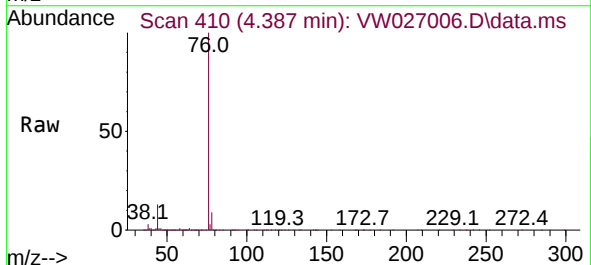
Instrument :
MSVOA_W
ClientSampleId :

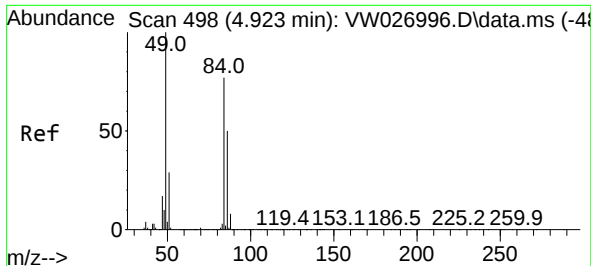
Tgt Ion: 43 Resp: 60419
Ion Ratio Lower Upper
43 100
58 18.6 0.0 66.4



#14
Carbon disulfide
Concen: 4.665 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Tgt Ion: 76 Resp: 231009
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8

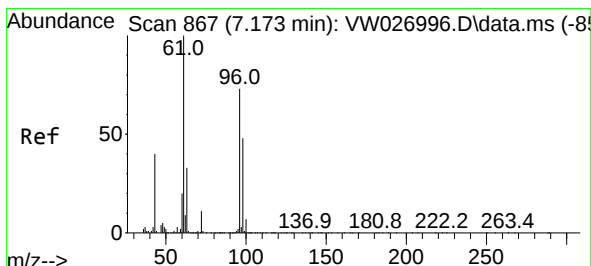
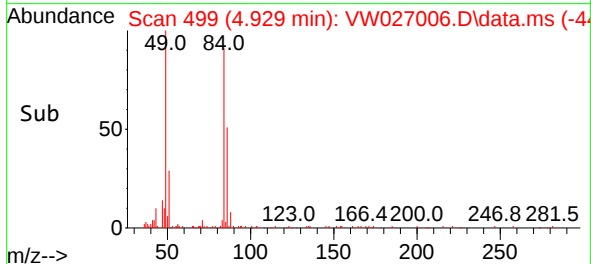
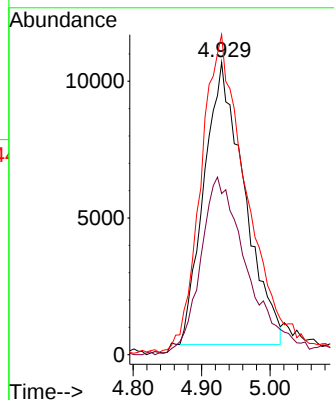
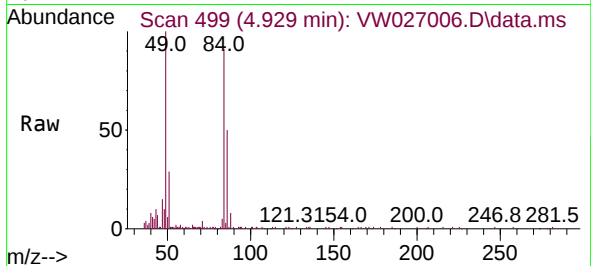




#16
Methylene chloride
Concen: 1.995 ug/L
RT: 4.929 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

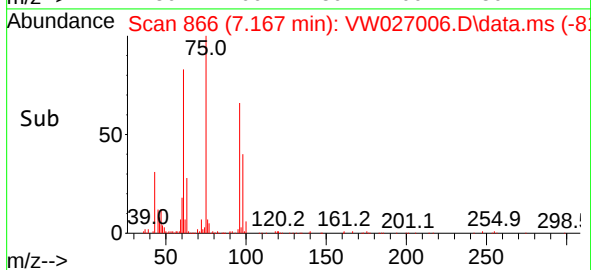
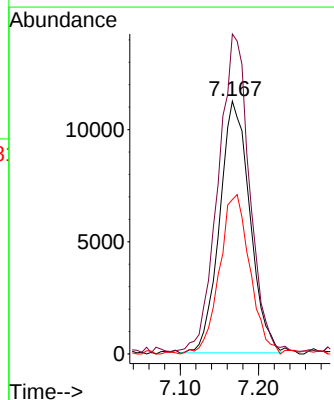
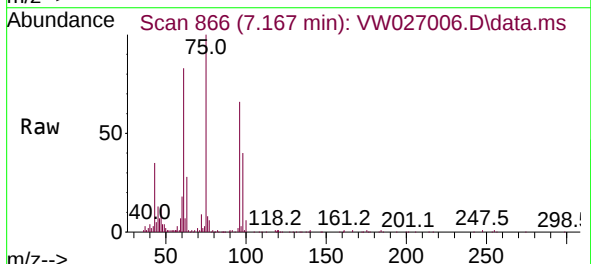
Instrument :
MSVOA_W
ClientSampleId :

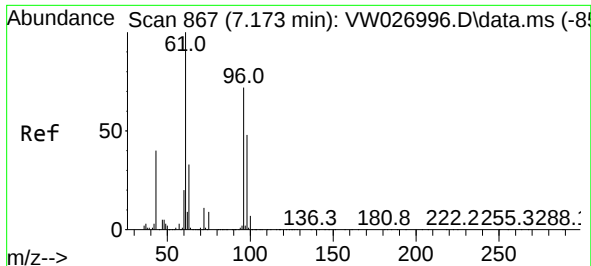
Tgt Ion: 84	Resp: 42228
Ion Ratio	Lower Upper
84 100	
86 55.1	44.1 81.9
49 109.4	82.1 152.5



#20
cis-1,2-Dichloroethene
Concen: 1.621 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Tgt Ion: 96	Resp: 30141
Ion Ratio	Lower Upper
96 100	
61 126.6	89.0 165.4
98 61.1	43.6 81.0

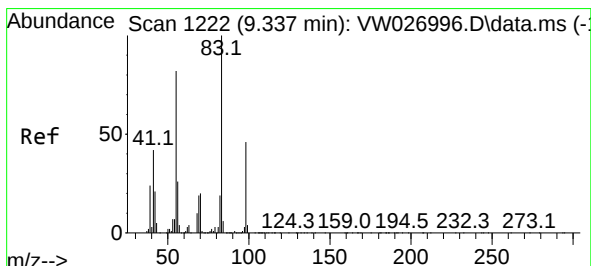
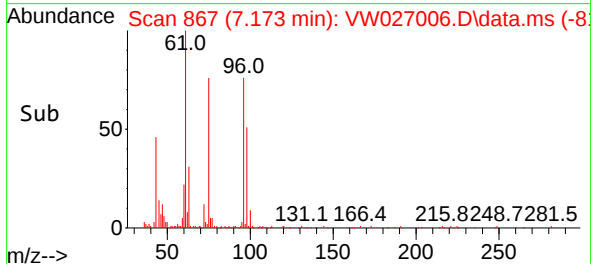
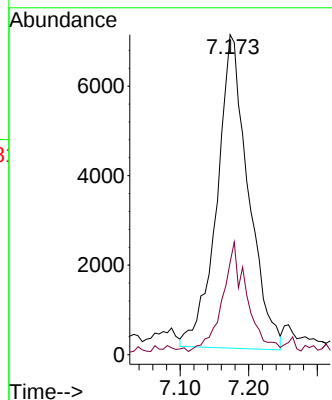
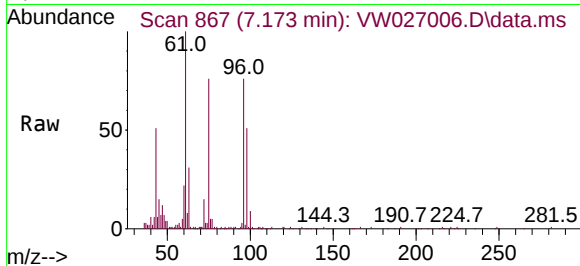




#22
2-Butanone
Concen: 4.203 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

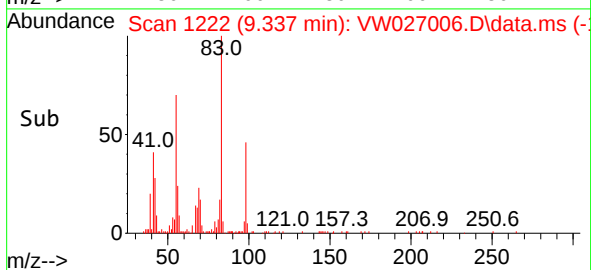
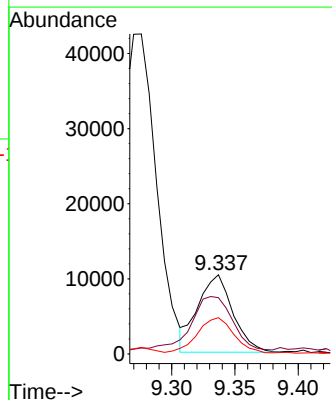
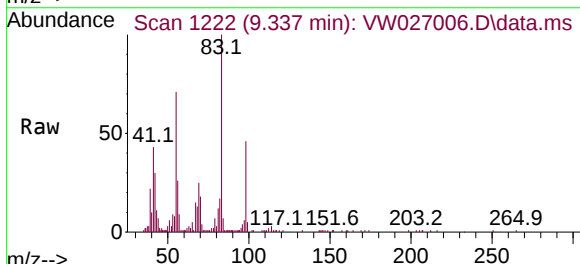
Instrument :
MSVOA_W
ClientSampleId :

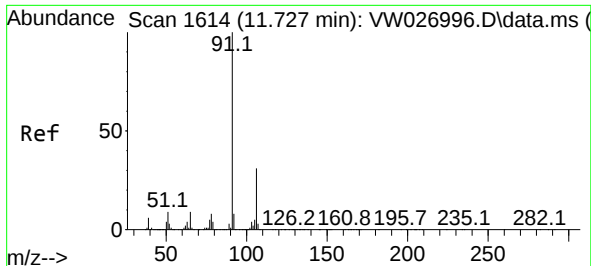
Tgt Ion: 43 Resp: 22275
Ion Ratio Lower Upper
43 100
72 17.3 14.4 43.0



#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Tgt Ion: 83 Resp: 19911
Ion Ratio Lower Upper
83 100
55 96.7 61.7 92.5#
98 48.5 38.3 57.5

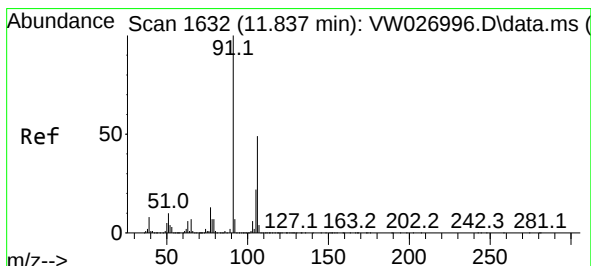
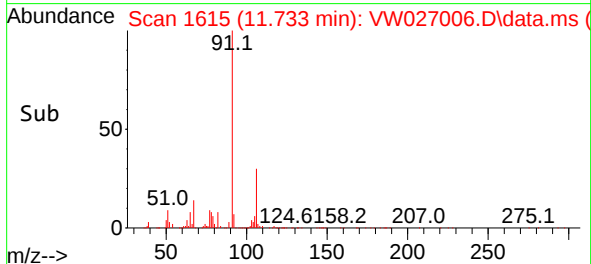
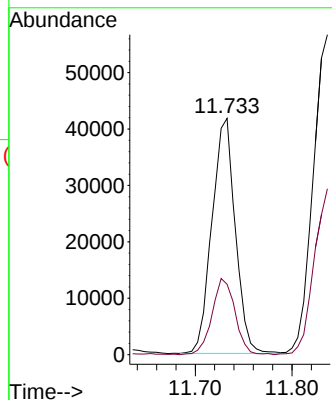
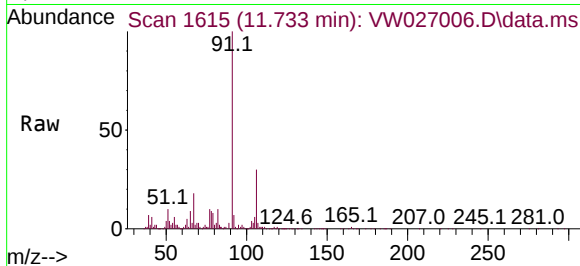




#52
Ethylbenzene
Concen: 1.135 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

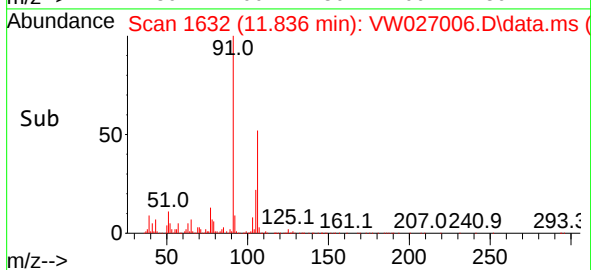
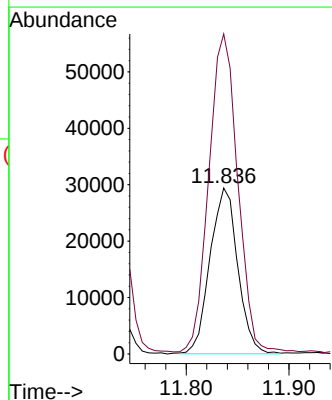
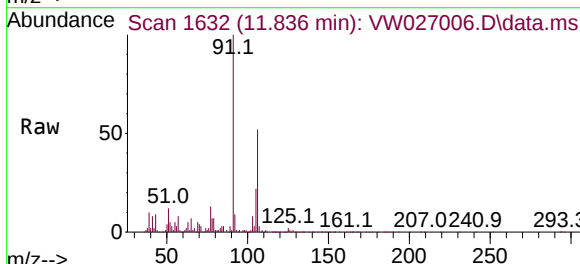
Instrument :
MSVOA_W
ClientSampleId :

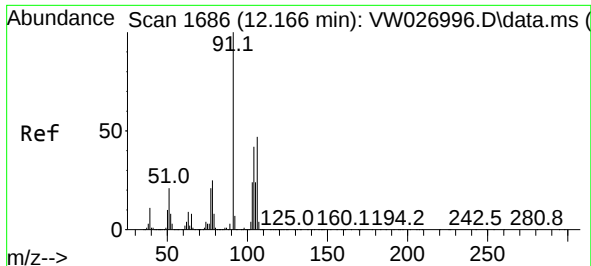
Tgt Ion: 91 Resp: 69878
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.3



#53
m,p-Xylene
Concen: 2.365 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Tgt Ion: 106 Resp: 55059
Ion Ratio Lower Upper
106 100
91 192.9 139.6 259.2

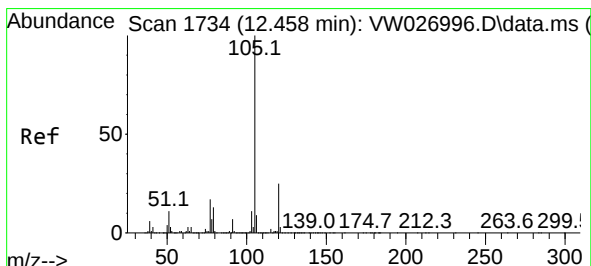
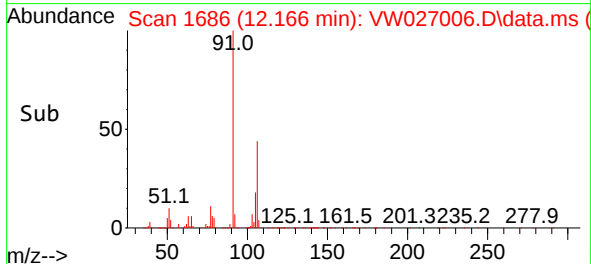
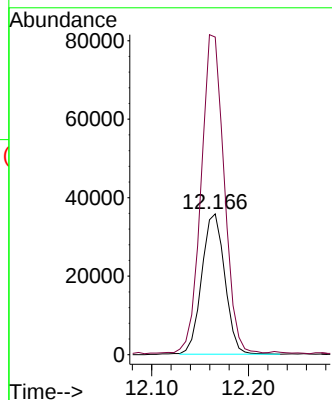
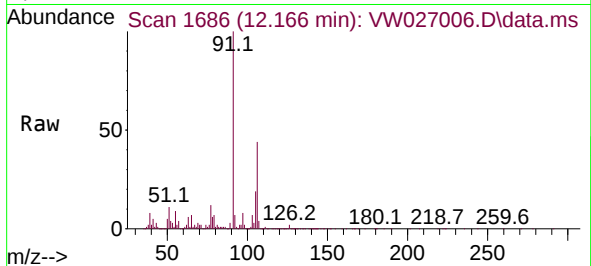




#54
o-Xylene
Concen: 2.720 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

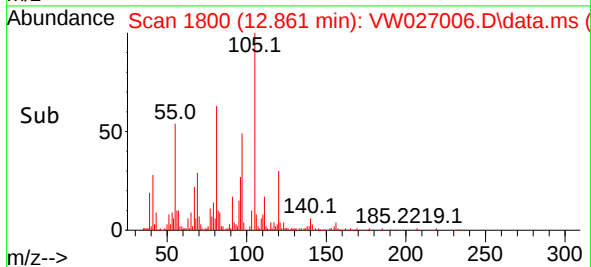
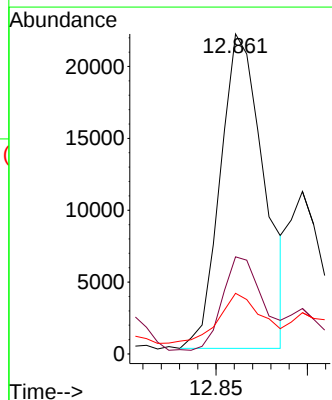
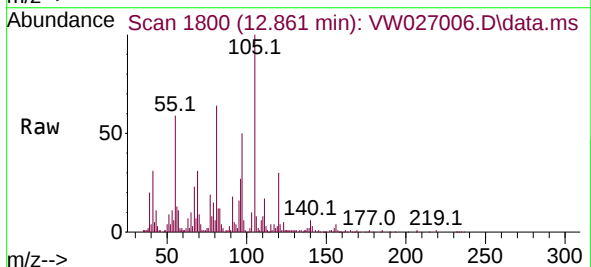
Instrument :
MSVOA_W
ClientSampleId :

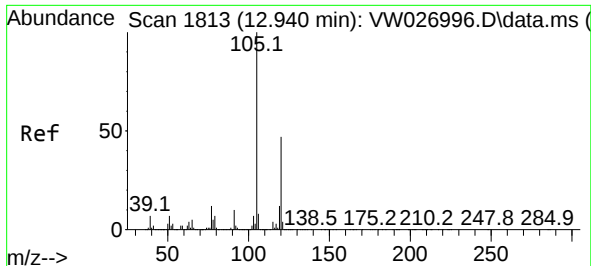
Tgt Ion:106 Resp: 59252
Ion Ratio Lower Upper
106 100
91 225.4 154.0 286.0



#60
Isopropylbenzene
Concen: 1.227 ug/L
RT: 12.861 min Scan# 1800
Delta R.T. 0.402 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

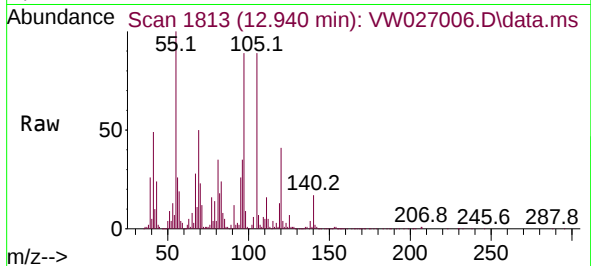
Tgt Ion:105 Resp: 36317
Ion Ratio Lower Upper
105 100
120 27.6 21.4 32.0
77 15.9 12.8 19.2



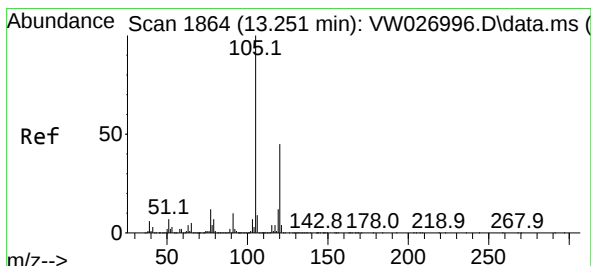
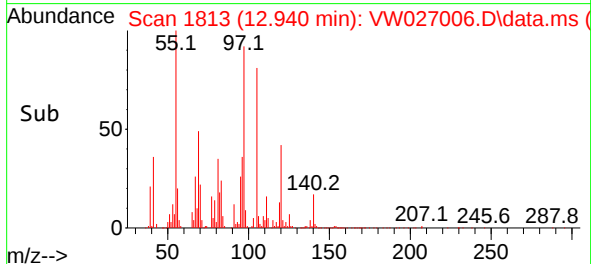
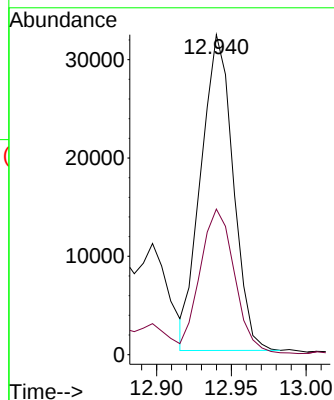


#62
1,3,5-Trimethylbenzene
Concen: 2.034 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Instrument :
MSVOA_W
ClientSampleId :

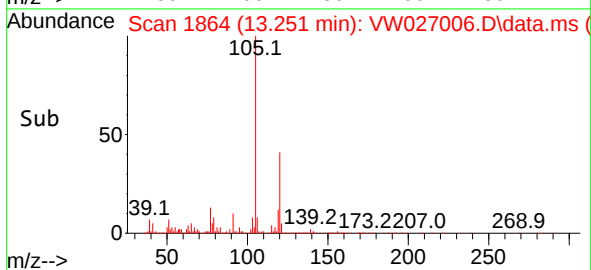
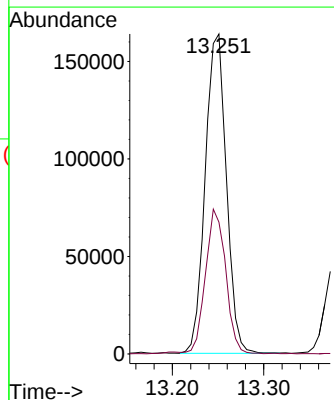
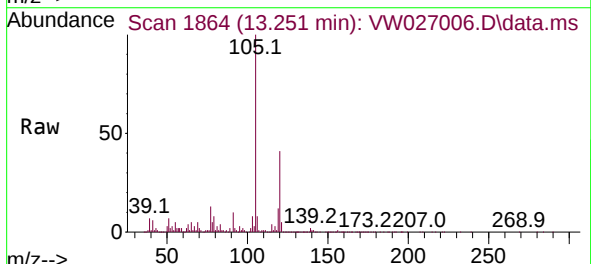


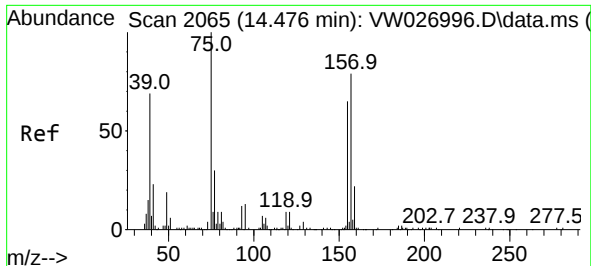
Tgt Ion:105 Resp: 48046
Ion Ratio Lower Upper
105 100
120 49.0 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 11.391 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Tgt Ion:105 Resp: 263047
Ion Ratio Lower Upper
105 100
120 43.1 36.3 54.5

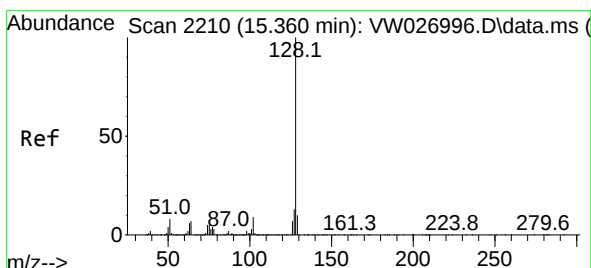
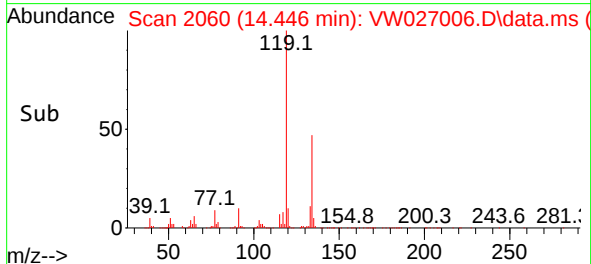
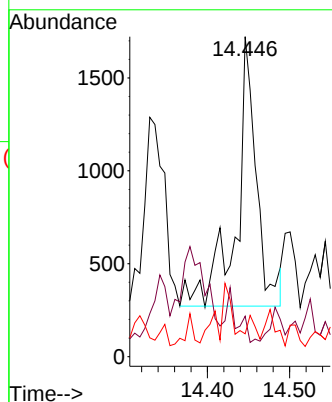
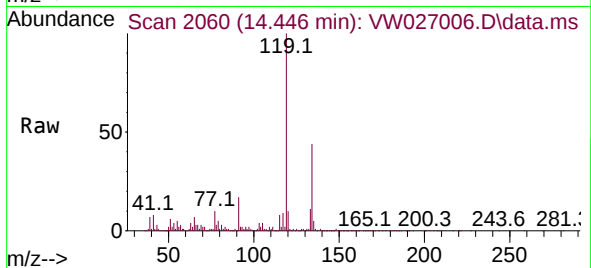




#68
1,2-Dibromo-3-chloropropane
Concen: 2.640 ug/L
RT: 14.446 min Scan# 2065
Delta R.T. -0.031 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2475
Ion Ratio Lower Upper
75 100
155 12.7 65.9 98.9#
157 7.1 68.7 103.1#



#71
Naphthalene
Concen: 3.519 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027006.D
Acq: 07 Sep 2023 15:49

Tgt Ion:128 Resp: 47418
Ion Ratio Lower Upper
128 100
127 12.4 10.9 16.3
129 9.1 8.9 13.3

