

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027004.D
 Acq On : 07 Sep 2023 15:00
 Operator : SY/MD
 Sample : 04330-02RE
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 08 01:35:05 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	1064749	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	681475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	218693	11.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.000%
7) Chloroethane-d5	2.893	69	208521	13.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.320%
11) 1,1-Dichloroethene-d2	4.021	65	81788	11.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.680%
21) 2-Butanone-d5	7.081	46	174907	47.720	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.440%
24) Chloroform-d	7.648	84	400285	12.634	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	50.520%
26) 1,2-Dichloroethane-d4	8.307	65	255270	15.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	61.320%#
32) Benzene-d6	8.276	84	919013	20.560	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.240%
36) 1,2-Dichloropropane-d6	9.270	67	304658	23.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	10.325	98	640604	15.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.320%
43) trans-1,3-Dichloroprop...	10.581	79	96783	19.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.922	63	92362	75.390	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.780%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161568	15.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	102690	17.276	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.120%#
Target Compounds						Qvalue
13) Acetone	4.125	43	99860	31.116	ug/L	93
14) Carbon disulfide	4.393	76	280337	5.810	ug/L	100
22) 2-Butanone	7.173	43	37017	7.168	ug/L	96
25) Chloroform	7.673	83	76155	2.502	ug/L	96
29) Cyclohexane	7.923	56	43891	2.470	ug/L #	89
33) Benzene	8.325	78	132613	2.845	ug/L	100
35) Methylcyclohexane	9.337	83	53030	2.606	ug/L #	74
42) Toluene	10.386	91	784539	16.358	ug/L	96
45) 1,1,2-Trichloroethane	10.764	97	12633	1.475	ug/L #	26
48) 2-Hexanone	10.928	43	23639	5.649	ug/L #	35
52) Ethylbenzene	11.727	91	186057	3.499	ug/L	98
53) m,p-Xylene	11.837	106	371478	18.469	ug/L	99
54) o-Xylene	12.166	106	339153	18.021	ug/L	92
55) Styrene	12.166	104	24506	0.763	ug/L #	1
60) Isopropylbenzene	12.897	105	244645	10.391	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	435024	23.155	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	850856	46.324	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.458	75	1779	2.386	ug/L #	18
71) Naphthalene	15.360	128	3607427	336.547	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027004.D
Acq On : 07 Sep 2023 15:00
Operator : SY/MD
Sample : 04330-02RE
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 08 01:35:05 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

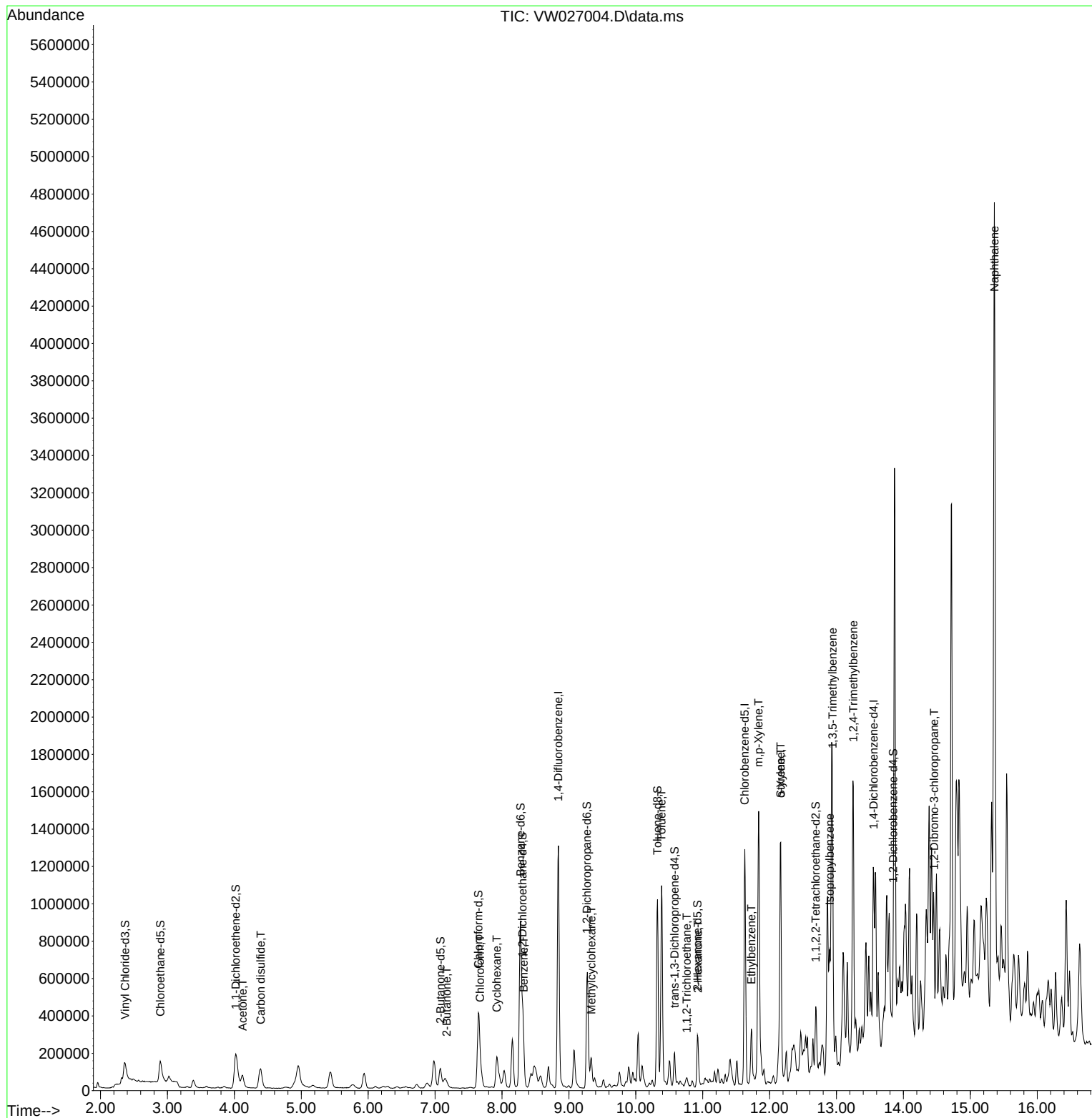
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

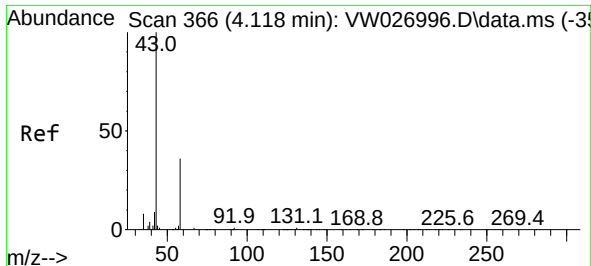
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027004.D
Acq On : 07 Sep 2023 15:00
Operator : SY/MD
Sample : 04330-02RE
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 08 01:35:05 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

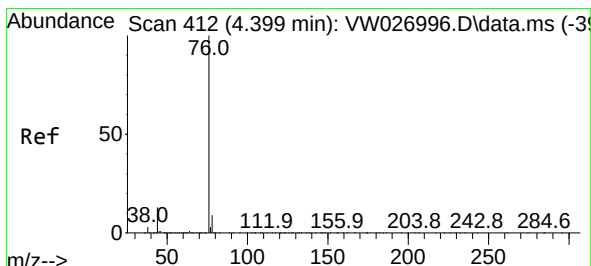
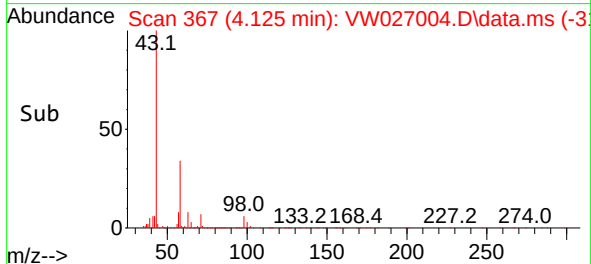
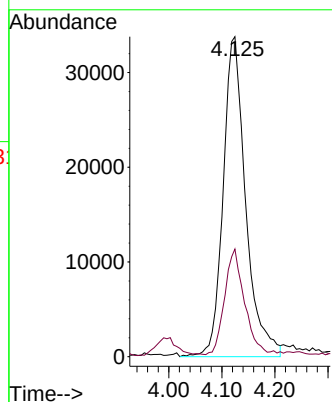
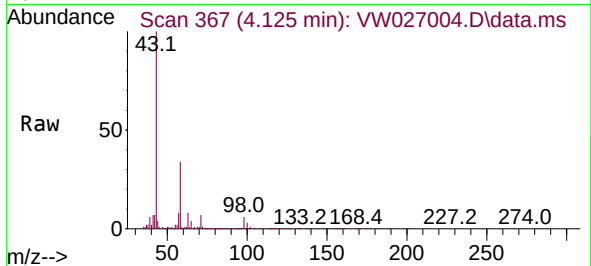




#13
Acetone
Concen: 31.116 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

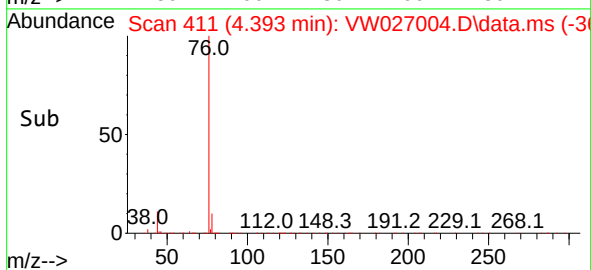
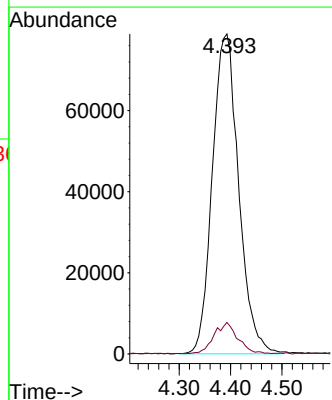
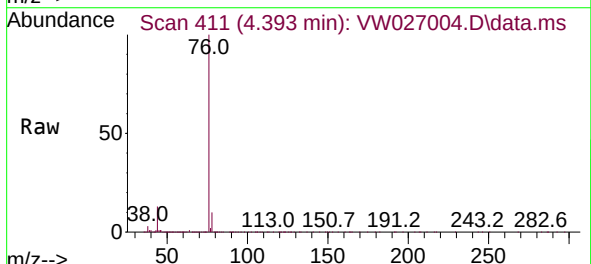
Instrument :
MSVOA_W
ClientSampleId :

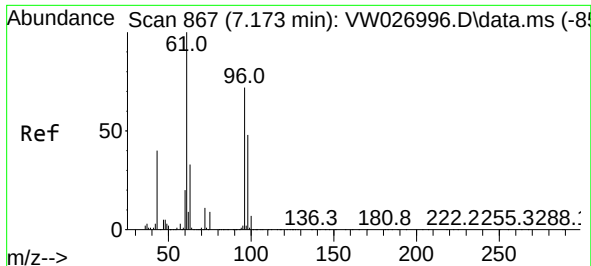
Tgt Ion: 43 Resp: 99860
Ion Ratio Lower Upper
43 100
58 29.2 0.0 66.4



#14
Carbon disulfide
Concen: 5.810 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

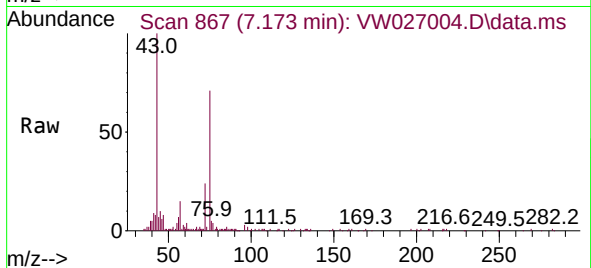
Tgt Ion: 76 Resp: 280337
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8



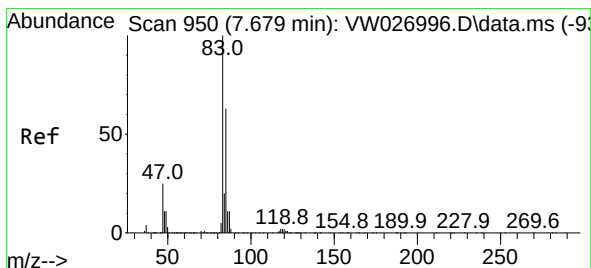
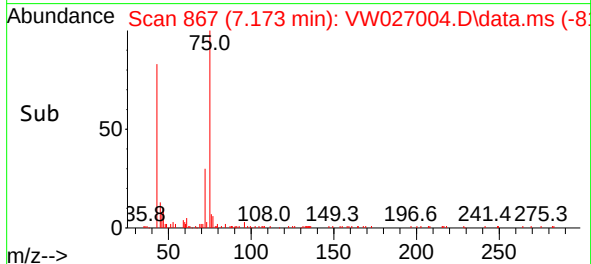
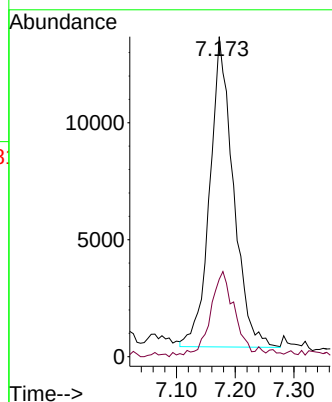


#22
2-Butanone
Concen: 7.168 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

Instrument :
MSVOA_W
ClientSampleId :

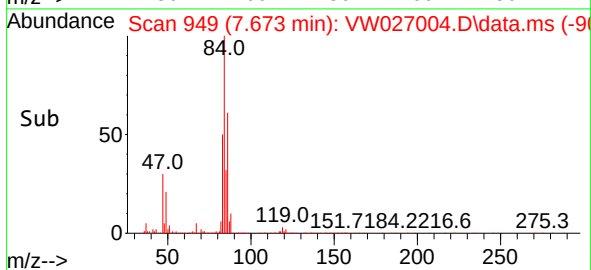
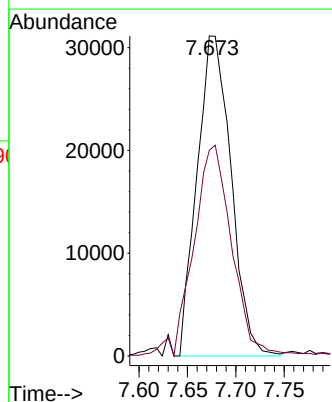
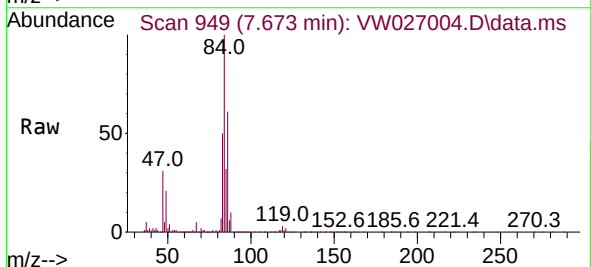


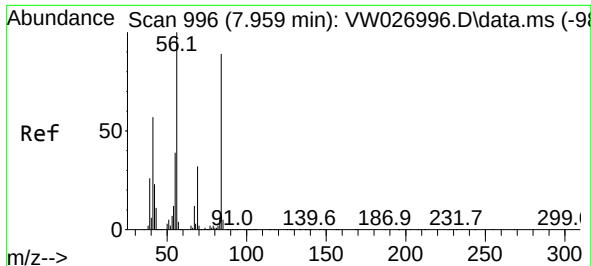
Tgt Ion: 43 Resp: 37017
Ion Ratio Lower Upper
43 100
72 26.5 14.4 43.0



#25
Chloroform
Concen: 2.502 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

Tgt Ion: 83 Resp: 76155
Ion Ratio Lower Upper
83 100
85 64.3 47.3 87.9





#29

Cyclohexane

Concen: 2.470 ug/L

RT: 7.923 min Scan# 996

Delta R.T. -0.037 min

Lab File: VW027004.D

Acq: 07 Sep 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

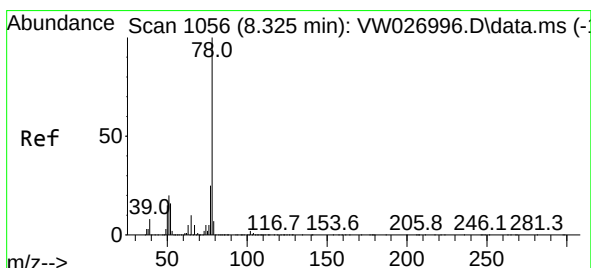
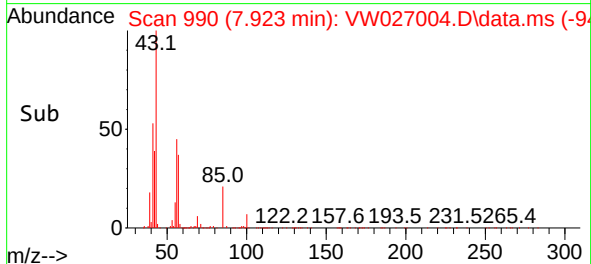
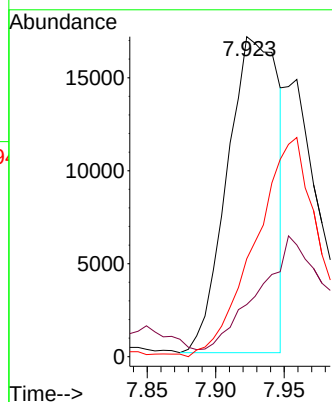
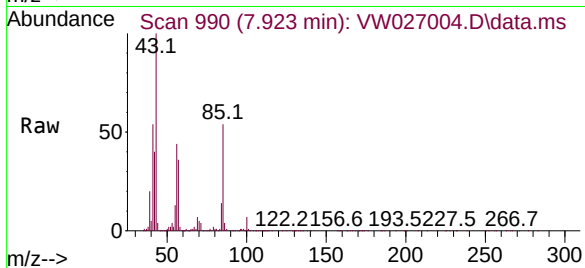
Tgt Ion: 56 Resp: 43891

Ion Ratio Lower Upper

56 100

69 48.3 24.8 37.2#

84 89.1 68.2 102.4



#33

Benzene

Concen: 2.845 ug/L

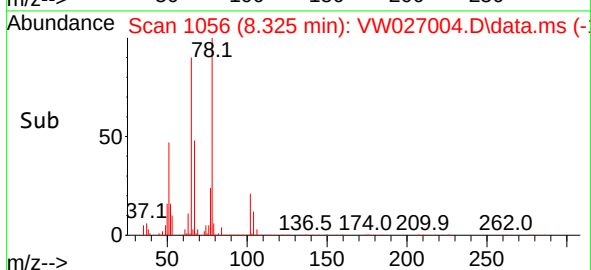
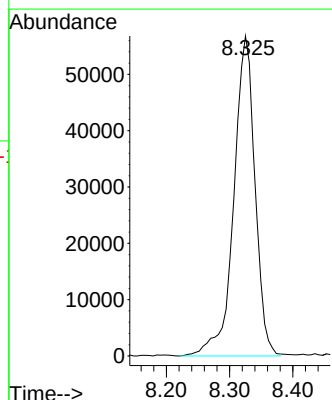
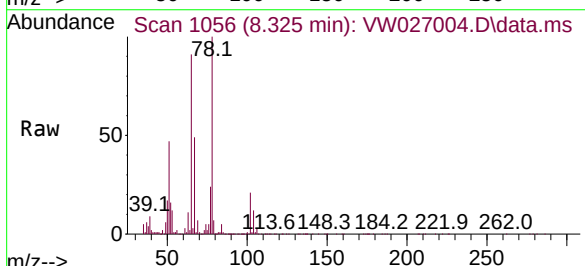
RT: 8.325 min Scan# 1056

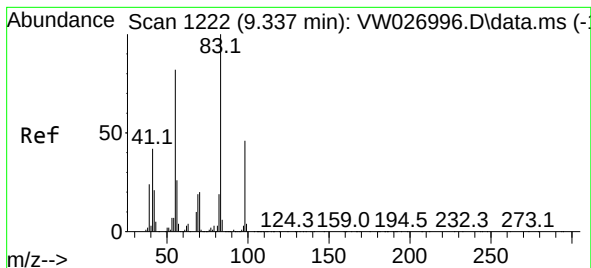
Delta R.T. -0.000 min

Lab File: VW027004.D

Acq: 07 Sep 2023 15:00

Tgt Ion: 78 Resp: 132613

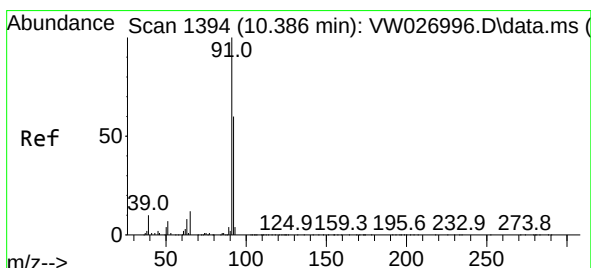
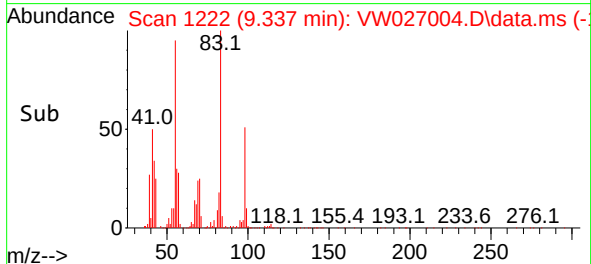
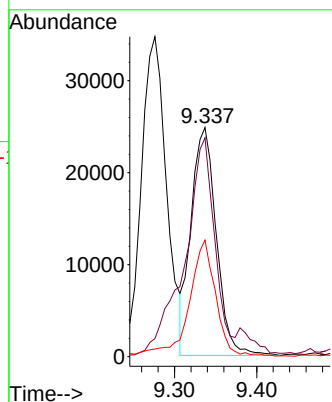
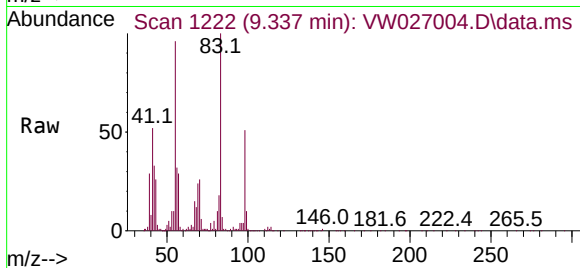




#35
Methylcyclohexane
Concen: 2.606 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

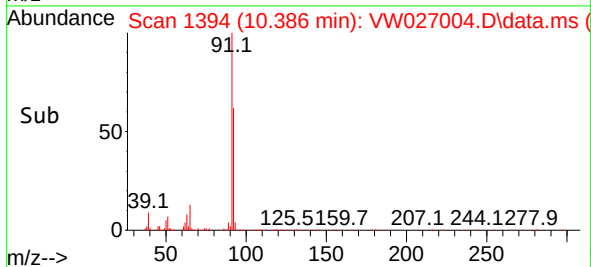
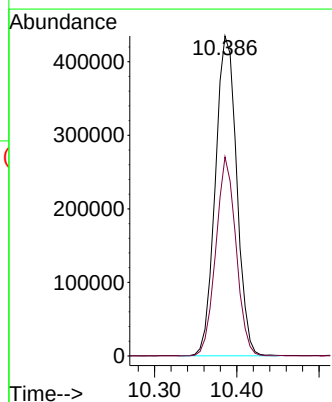
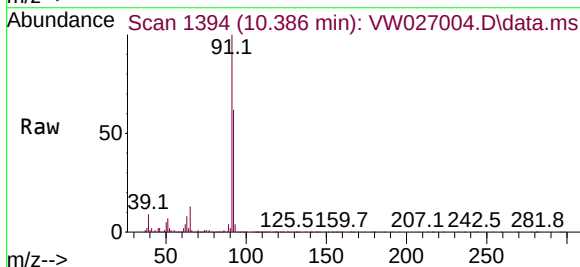
Instrument :
MSVOA_W
ClientSampleId :

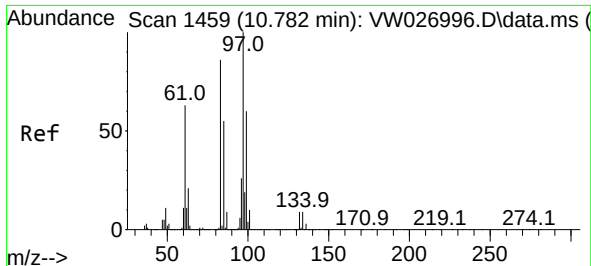
Tgt Ion: 83 Resp: 53030
Ion Ratio Lower Upper
83 100
55 113.1 61.7 92.5#
98 47.2 38.3 57.5



#42
Toluene
Concen: 16.358 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

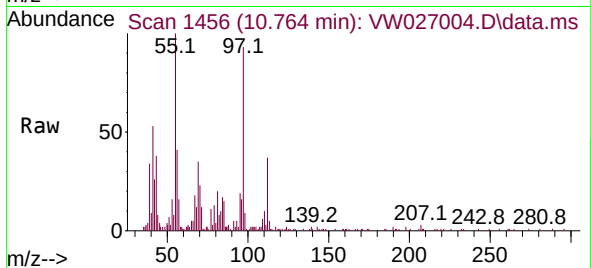
Tgt Ion: 91 Resp: 784539
Ion Ratio Lower Upper
91 100
92 62.2 41.6 77.2



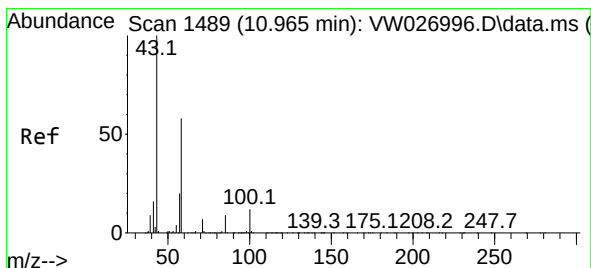
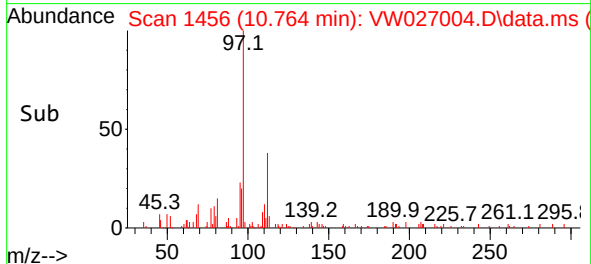
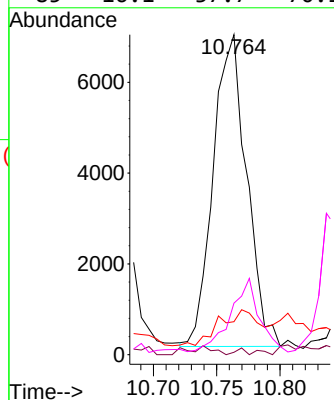


#45
1,1,2-Trichloroethane
Concen: 1.475 ug/L
RT: 10.764 min Scan# 1456
Delta R.T. -0.018 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

Instrument :
MSVOA_W
ClientSampleId :

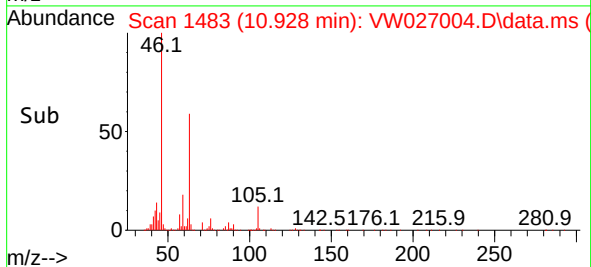
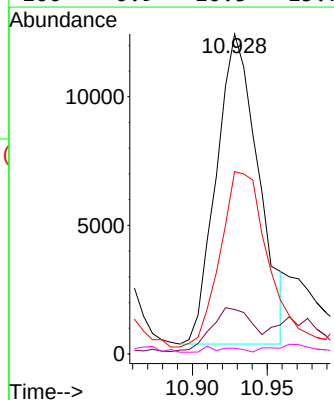
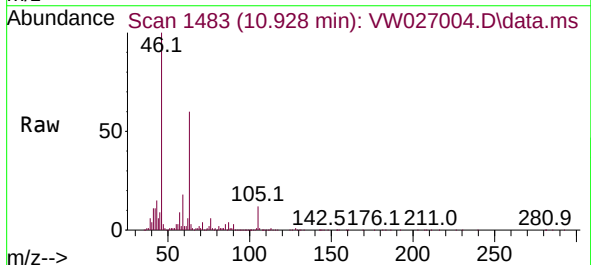


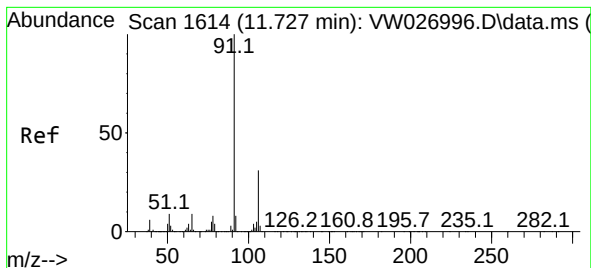
Tgt Ion: 97 Resp: 12633
Ion Ratio Lower Upper
97 100
99 0.8 44.7 82.9#
83 10.3 60.9 113.1#
85 16.1 37.7 70.1#



#48
2-Hexanone
Concen: 5.649 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

Tgt Ion: 43 Resp: 23639
Ion Ratio Lower Upper
43 100
58 14.1 47.5 71.3#
57 65.1 15.2 22.8#
100 0.9 10.5 15.7#

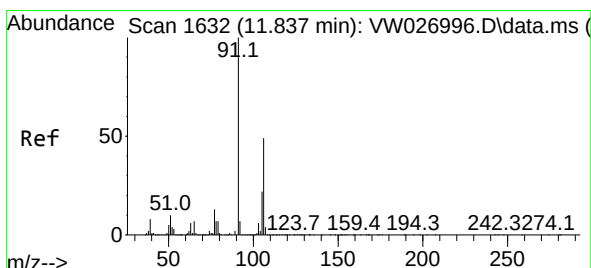
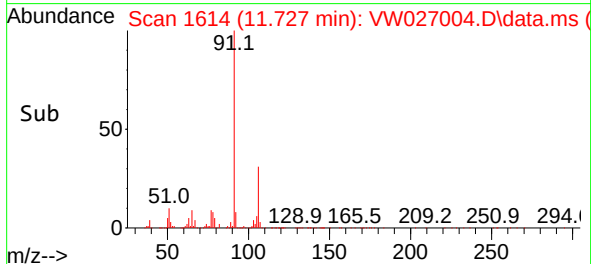
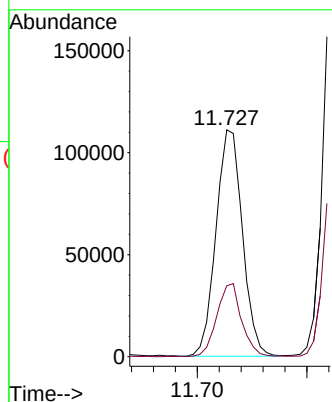
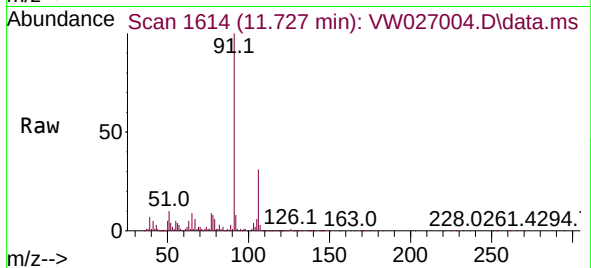




#52
Ethylbenzene
Concen: 3.499 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

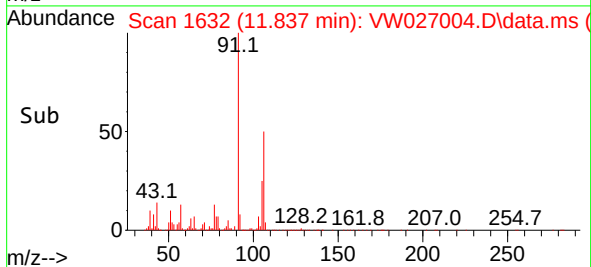
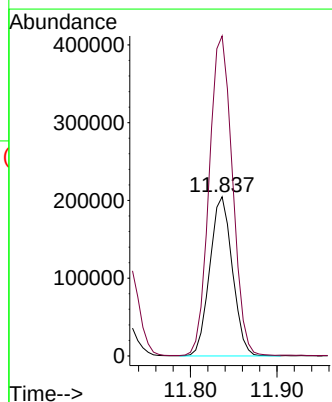
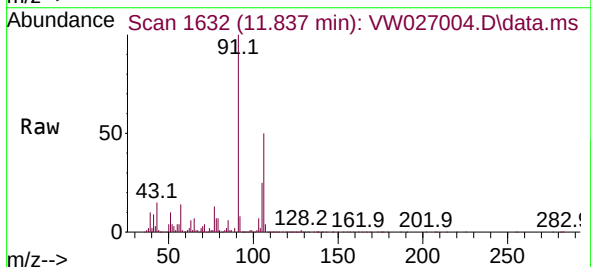
Instrument :
MSVOA_W
ClientSampleId :

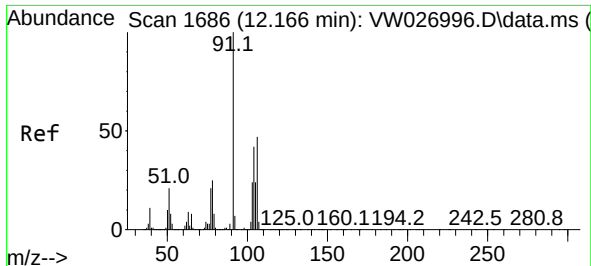
Tgt Ion: 91 Resp: 186057
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.3



#53
m,p-Xylene
Concen: 18.469 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

Tgt Ion:106 Resp: 371478
Ion Ratio Lower Upper
106 100
91 200.9 139.6 259.2

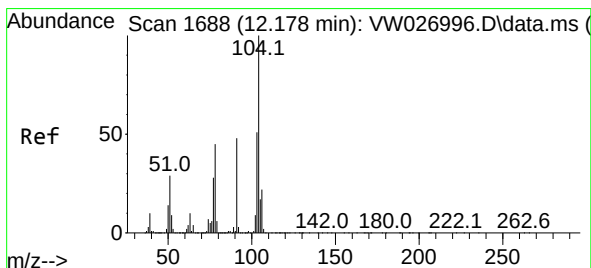
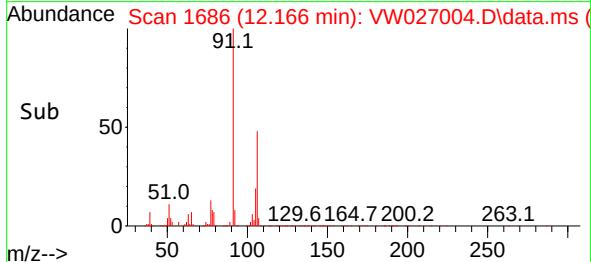
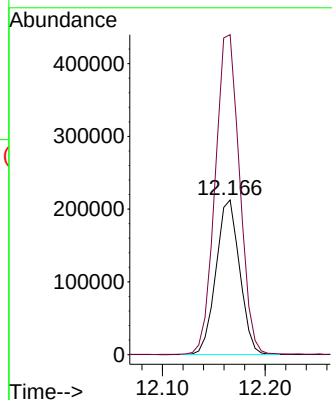
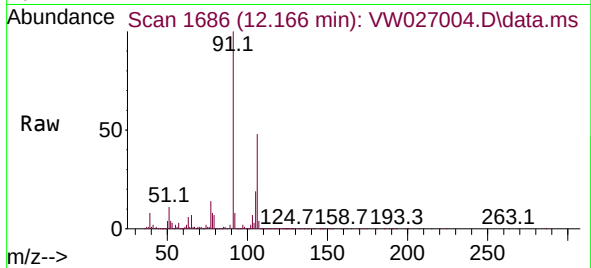




#54
o-Xylene
Concen: 18.021 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

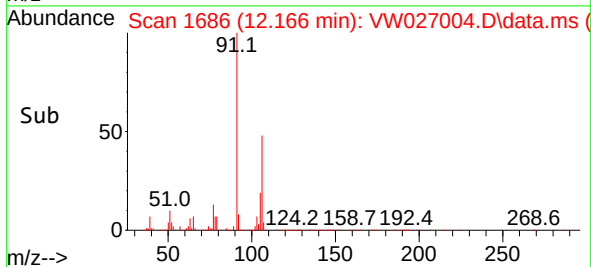
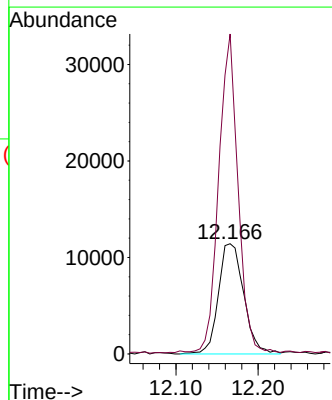
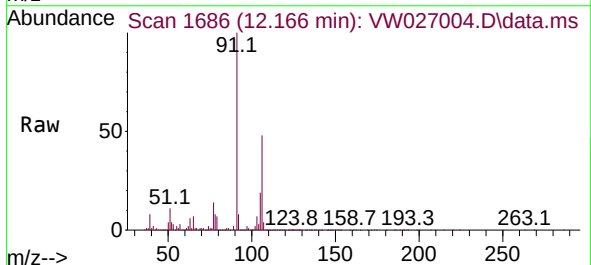
Instrument :
MSVOA_W
ClientSampleId :

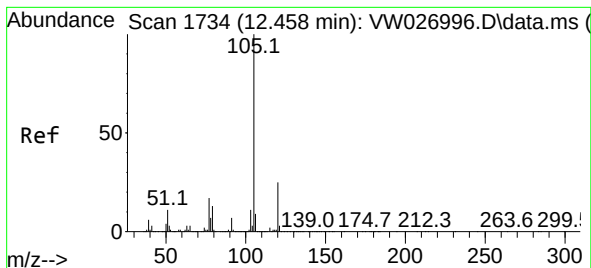
Tgt Ion:106 Resp: 339153
Ion Ratio Lower Upper
106 100
91 206.9 154.0 286.0



#55
Styrene
Concen: 0.763 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.012 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

Tgt Ion:104 Resp: 24506
Ion Ratio Lower Upper
104 100
78 290.2 35.2 65.4#





#60

Isopropylbenzene

Concen: 10.391 ug/L

RT: 12.897 min Scan# 1806

Delta R.T. 0.439 min

Lab File: VW027004.D

Acq: 07 Sep 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

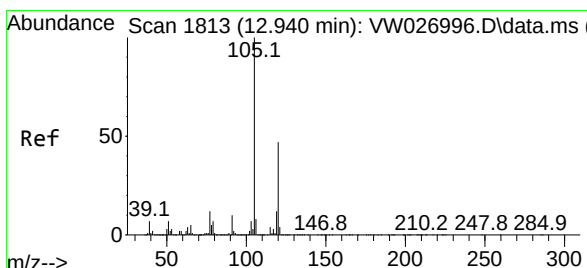
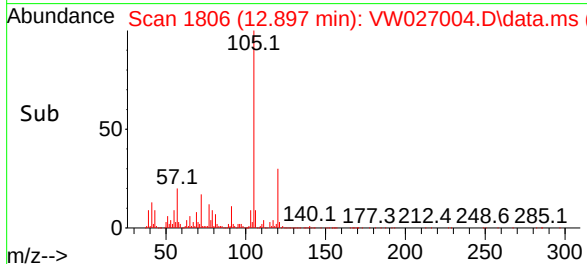
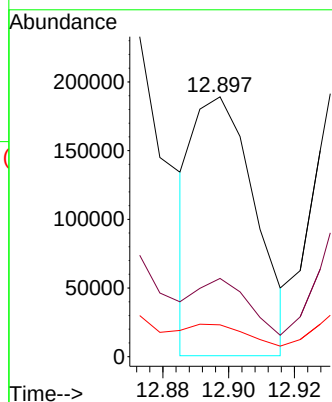
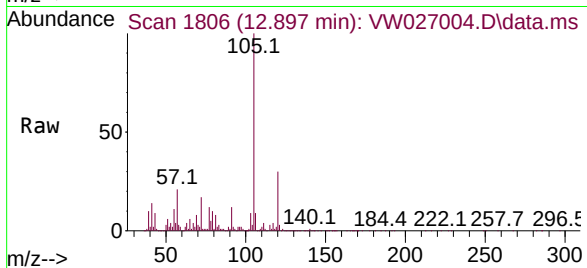
Tgt Ion:105 Resp: 244645

Ion Ratio Lower Upper

105 100

120 29.3 21.4 32.0

77 14.7 12.8 19.2



#62

1,3,5-Trimethylbenzene

Concen: 23.155 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027004.D

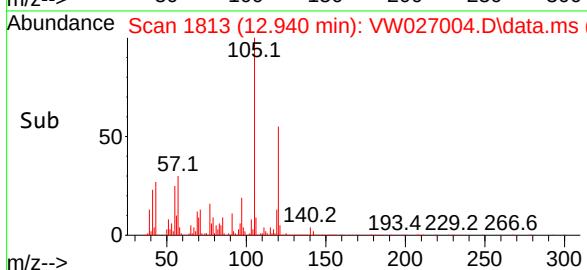
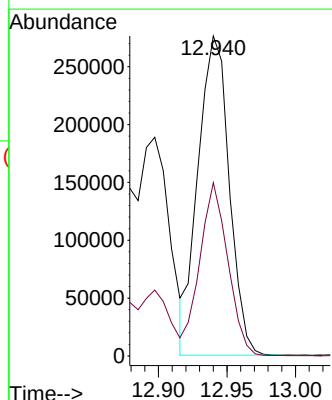
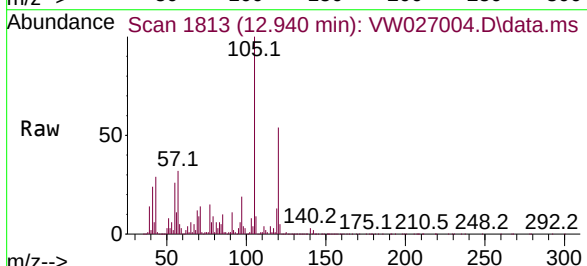
Acq: 07 Sep 2023 15:00

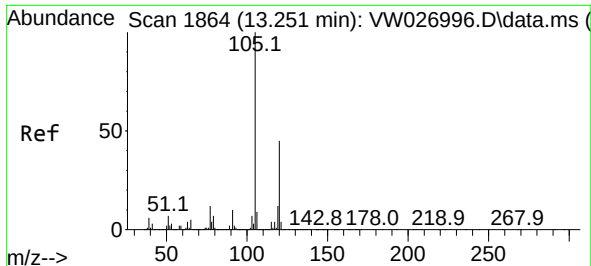
Tgt Ion:105 Resp: 435024

Ion Ratio Lower Upper

105 100

120 49.0 39.0 58.6

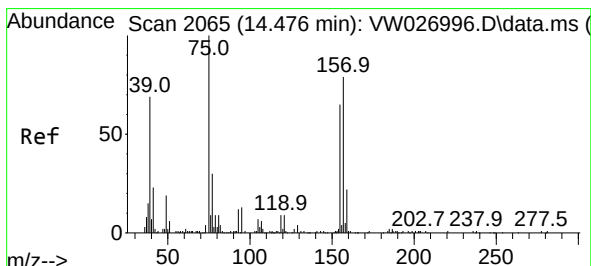
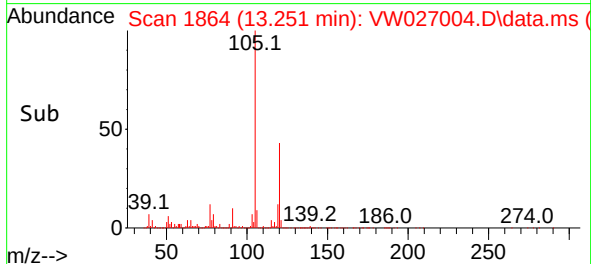
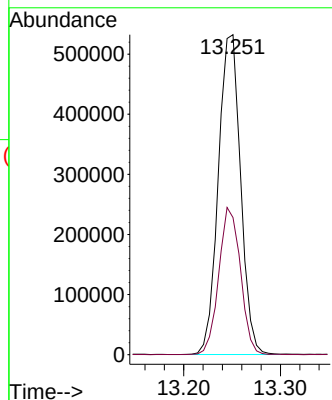
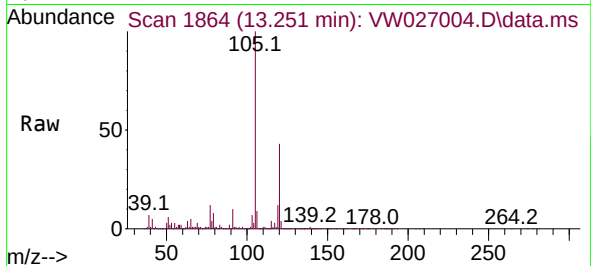




#63
 1,2,4-Trimethylbenzene
 Concen: 46.324 ug/L
 RT: 13.251 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VW027004.D
 Acq: 07 Sep 2023 15:00

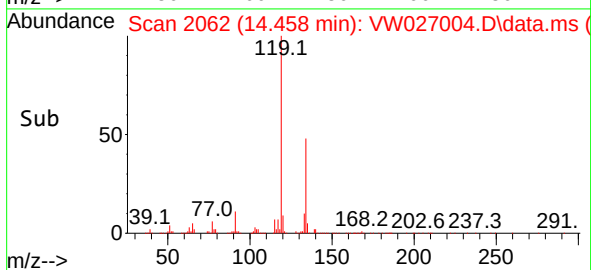
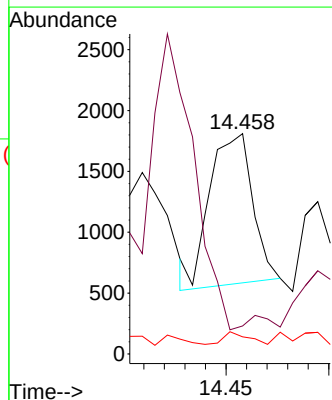
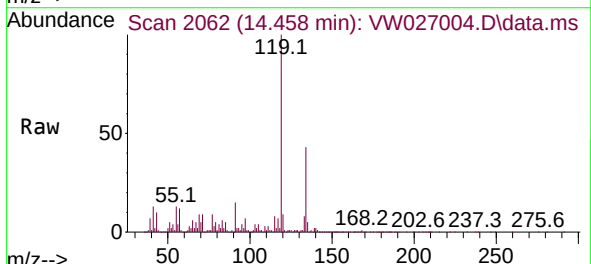
Instrument :
 MSVOA_W
 ClientSampleId :

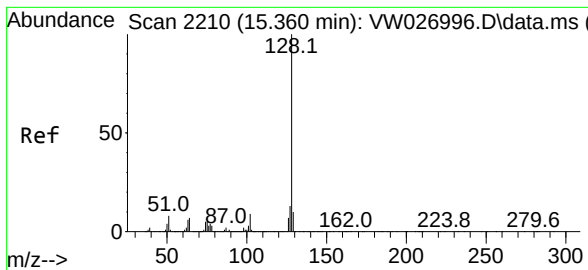
Tgt Ion:105 Resp: 850856
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.3 54.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.386 ug/L
 RT: 14.458 min Scan# 2062
 Delta R.T. -0.018 min
 Lab File: VW027004.D
 Acq: 07 Sep 2023 15:00

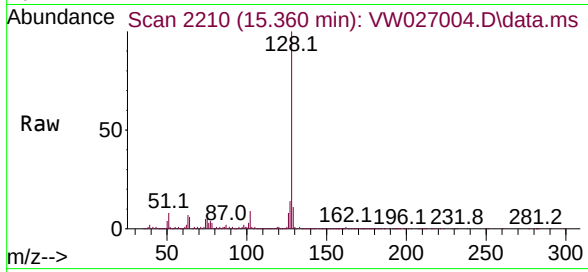
Tgt Ion: 75 Resp: 1779
 Ion Ratio Lower Upper
 75 100
 155 12.7 65.9 98.9#
 157 7.7 68.7 103.1#





#71
Naphthalene
Concen: 336.547 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027004.D
Acq: 07 Sep 2023 15:00

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 3607427
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 10.6 8.9 13.3

