

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122023\
 Data File : VW027812.D
 Acq On : 20 Dec 2023 17:03
 Operator : SY/MD
 Sample : 05835-20RE
 Misc : 3.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 23:17:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

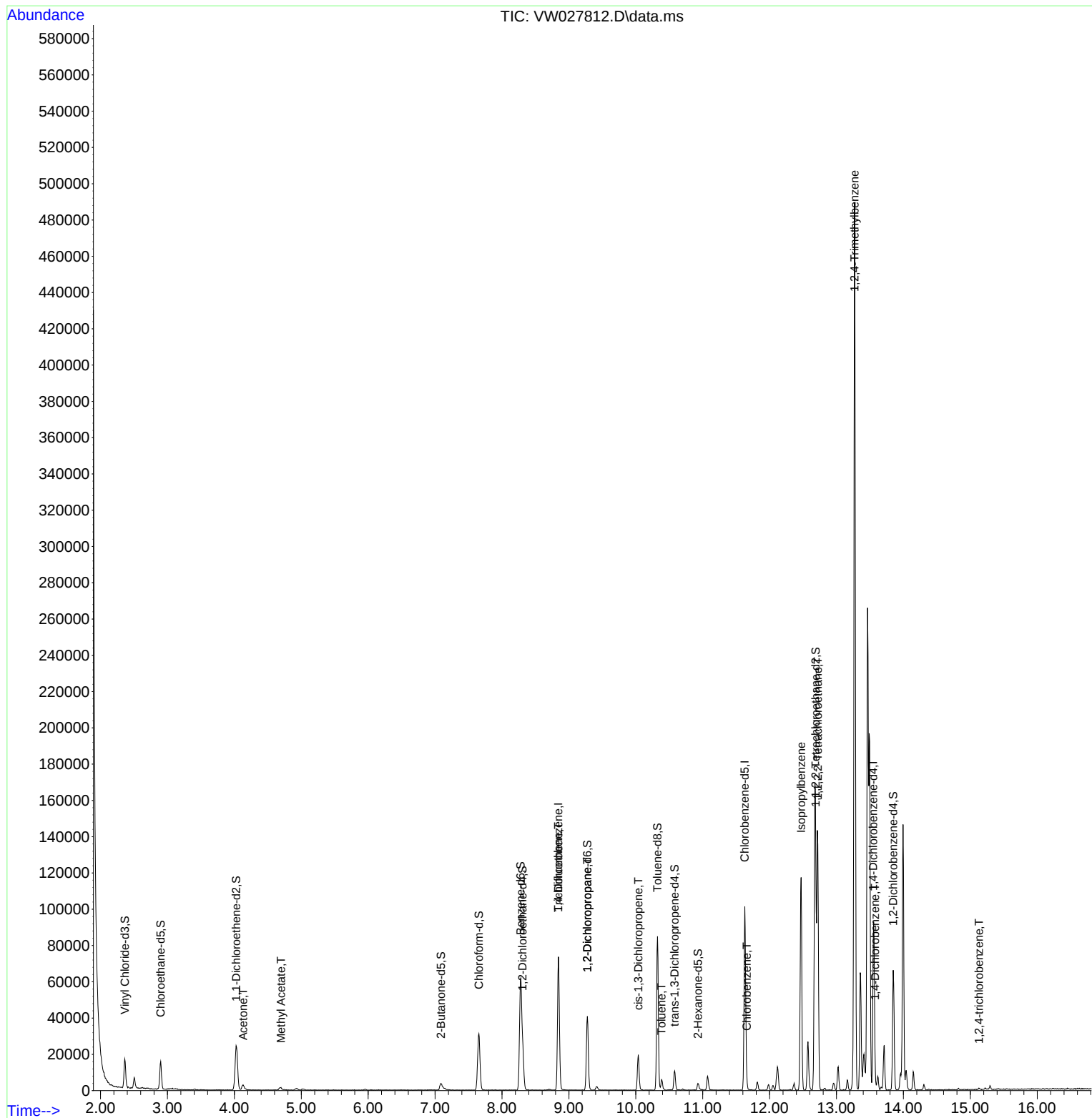
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	67000	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	60631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	25309	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	17915	18.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.520%
7) Chloroethane-d5	2.899	69	15741	21.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	4.027	65	7293	19.191	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.760%
21) 2-Butanone-d5	7.087	46	6290	38.929	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.860%
24) Chloroform-d	7.654	84	34526	21.656	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.640%
26) 1,2-Dichloroethane-d4	8.306	65	17353	23.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.720%
32) Benzene-d6	8.276	84	70277	19.833	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.320%
36) 1,2-Dichloropropane-d6	9.276	67	20650	20.570	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.280%
41) Toluene-d8	10.324	98	60180	18.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	10.580	79	6862	17.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.600%
47) 2-Hexanone-d5	10.928	63	1545	10.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17041	22.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	19426	21.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.760%
Target Compounds						Qvalue
13) Acetone	4.130	43	4951	33.755	ug/L	94
15) Methyl Acetate	4.697	43	1449	5.468	ug/L #	84
34) Trichloroethene	8.843	95	1875	1.957	ug/L #	3
37) 1,2-Dichloropropane	9.276	63	2178	2.567	ug/L #	85
39) cis-1,3-Dichloropropene	10.038	75	570	0.441	ug/L	97
42) Toluene	10.385	91	4728	1.250	ug/L	91
51) Chlorobenzene	11.659	112	2366	0.979	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.720	83	341	0.476	ug/L #	24
60) Isopropylbenzene	12.470	105	5146	1.441	ug/L #	1
63) 1,2,4-Trimethylbenzene	13.269	105	21652	7.703	ug/L #	46
65) 1,4-Dichlorobenzene	13.574	146	1870	1.206	ug/L #	77
70) 1,2,4-trichlorobenzene	15.128	180	354	0.401	ug/L #	64

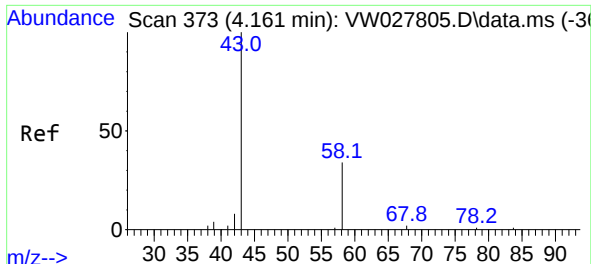
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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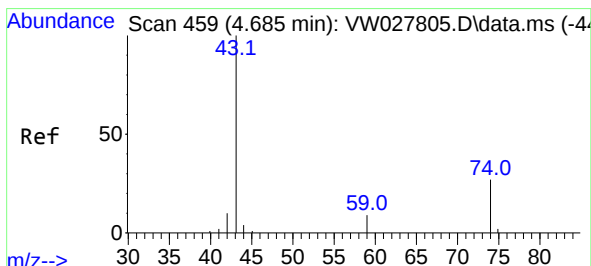
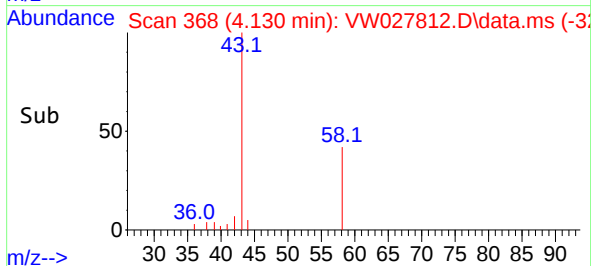
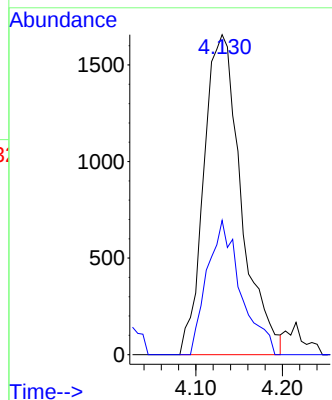
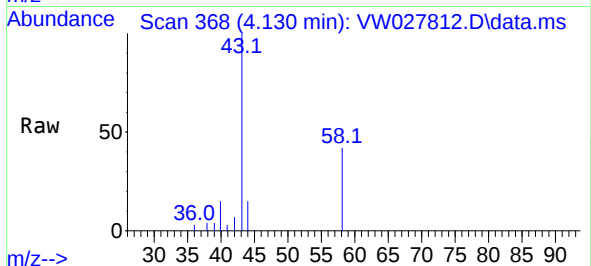




#13
Acetone
Concen: 33.755 ug/L
RT: 4.130 min Scan# 30
Delta R.T. -0.055 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

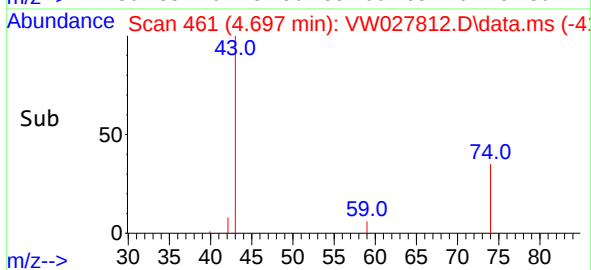
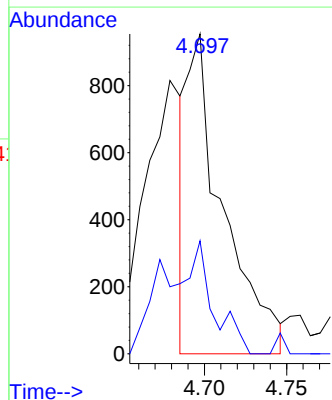
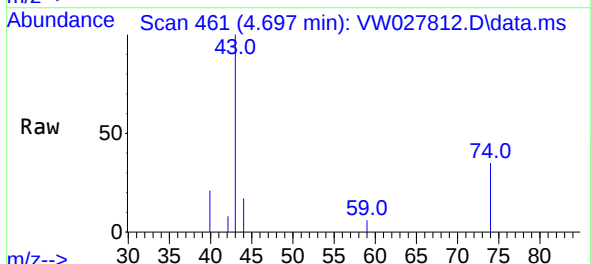
Instrument :
MSVOA_W
ClientSampleId :

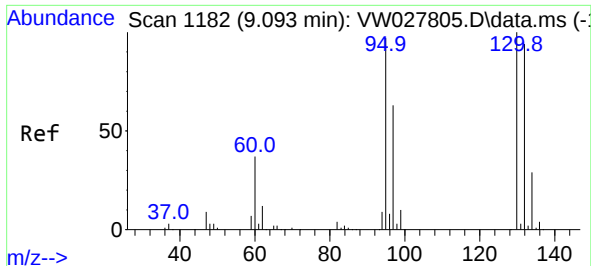
Tgt Ion: 43 Resp: 4951
Ion Ratio Lower Upper
43 100
58 37.9 0.0 68.6



#15
Methyl Acetate
Concen: 5.468 ug/L
RT: 4.697 min Scan# 461
Delta R.T. -0.000 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

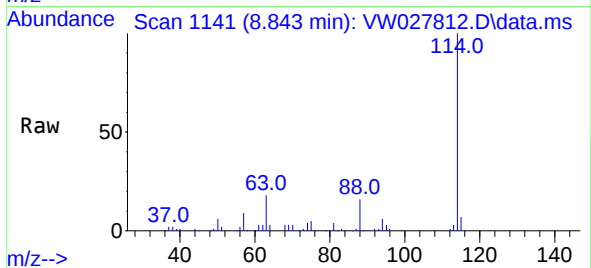
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
74 19.4 22.1 33.1#



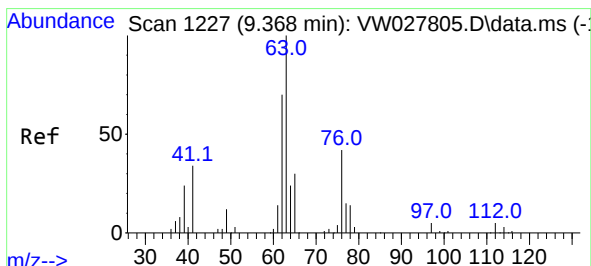
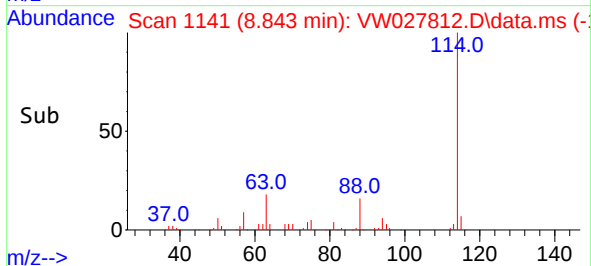
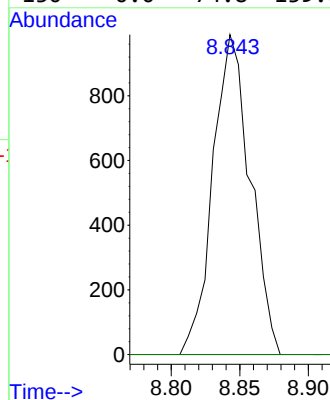


#34
Trichloroethene
Concen: 1.957 ug/L
RT: 8.843 min Scan# 1182
Delta R.T. -0.244 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :

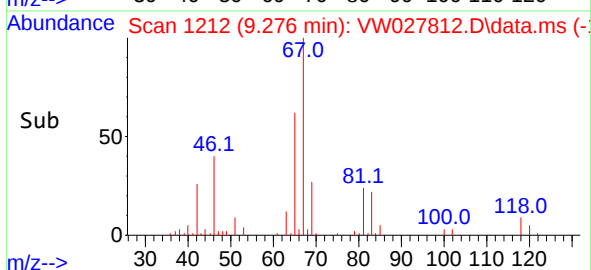
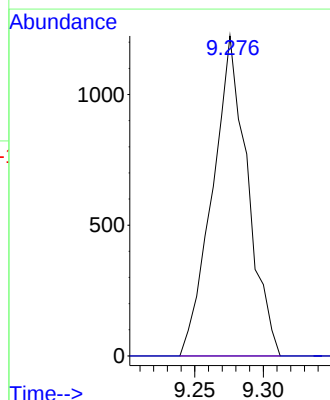
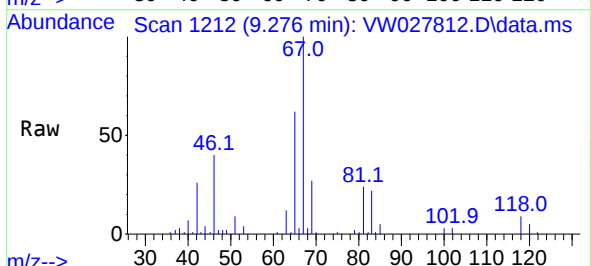


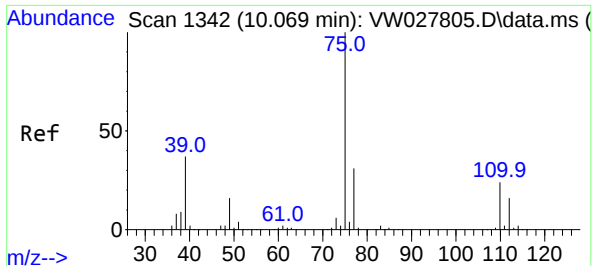
Tgt Ion: 95 Resp: 1875
Ion Ratio Lower Upper
95 100
97 0.0 45.9 85.3#
132 0.0 70.4 130.8#
130 0.0 74.8 139.0#



#37
1,2-Dichloropropane
Concen: 2.567 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.092 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

Tgt Ion: 63 Resp: 2178
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.038 min Scan# 11

Delta R.T. -0.031 min

Lab File: VW027812.D

Acq: 20 Dec 2023 17:03

Instrument :

MSVOA_W

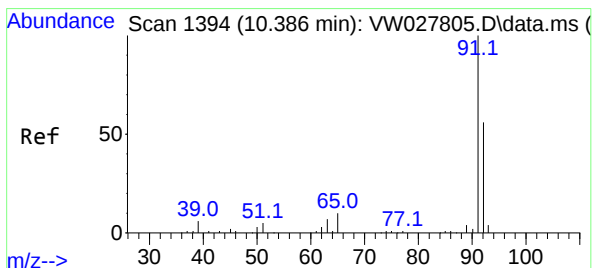
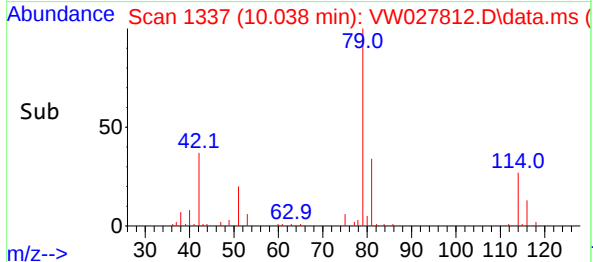
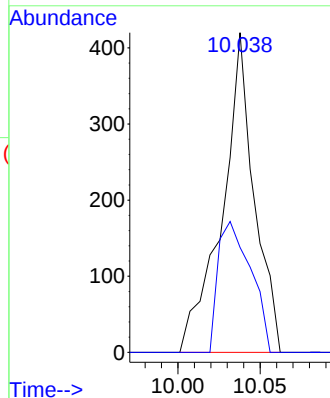
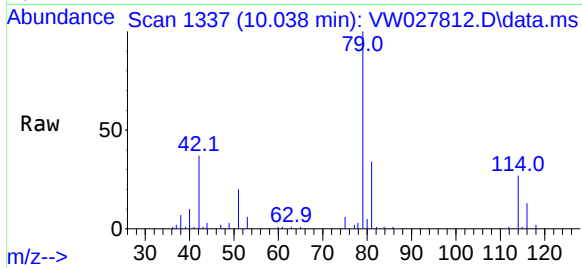
ClientSampleId :

Tgt Ion: 75 Resp: 570

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.6



#42

Toluene

Concen: 1.250 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027812.D

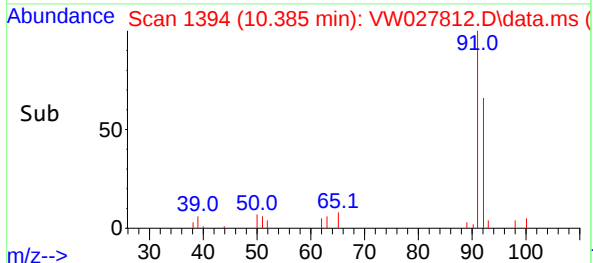
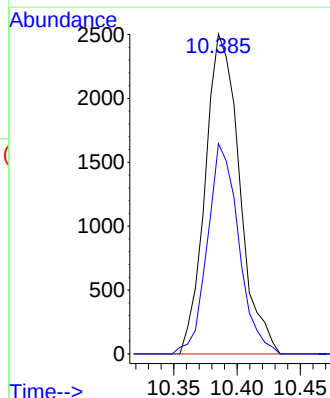
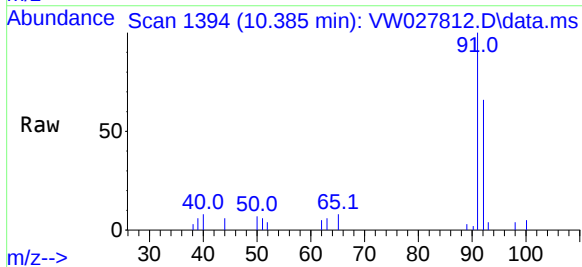
Acq: 20 Dec 2023 17:03

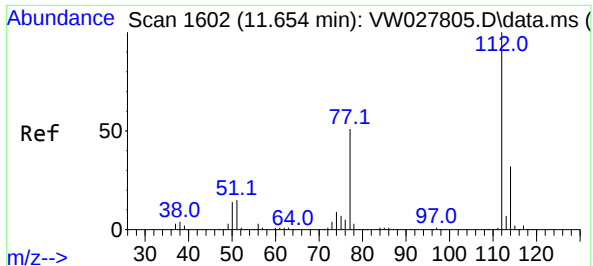
Tgt Ion: 91 Resp: 4728

Ion Ratio Lower Upper

91 100

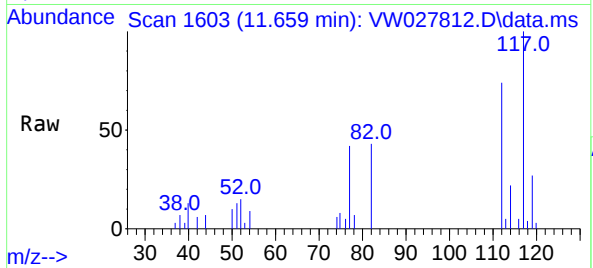
92 65.8 41.2 76.4



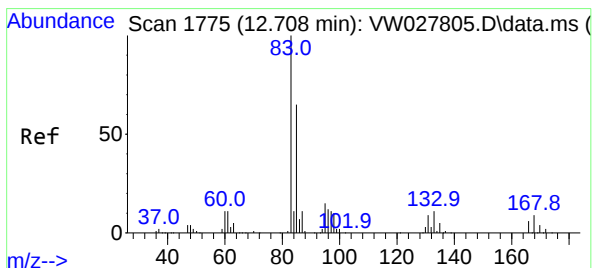
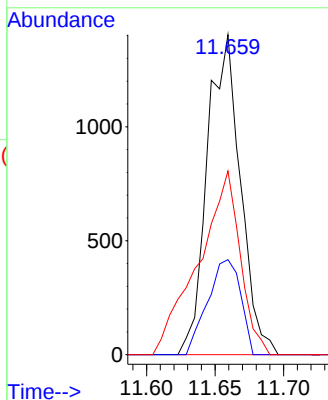
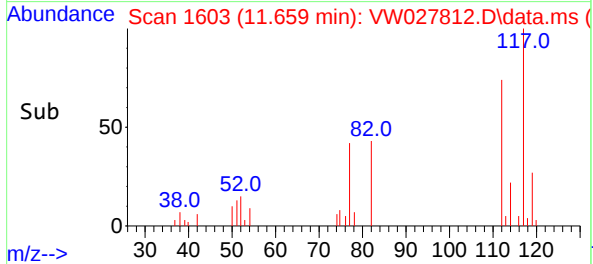


#51
Chlorobenzene
Concen: 0.979 ug/L
RT: 11.659 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

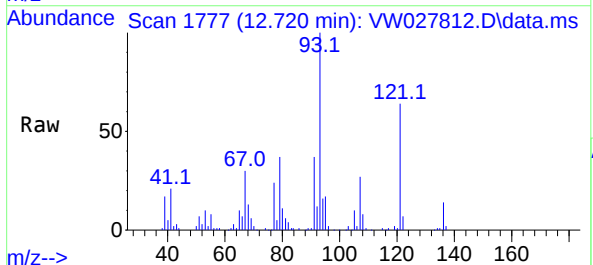
Instrument :
MSVOA_W
ClientSampleId :



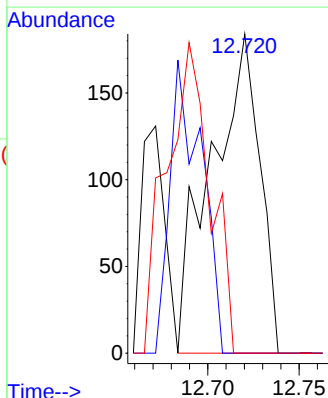
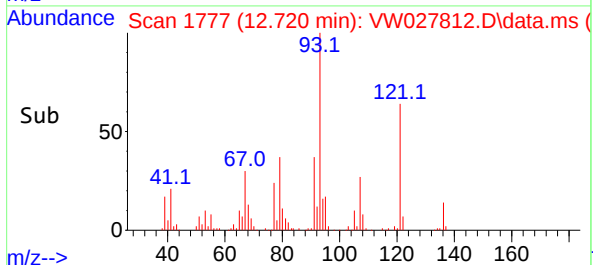
Tgt Ion:112 Resp: 2366
Ion Ratio Lower Upper
112 100
114 29.7 25.0 46.4
77 57.4 48.1 72.1

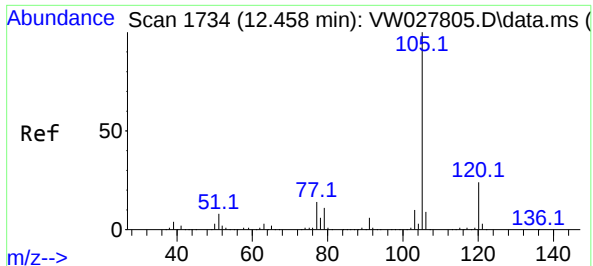


#57
1,1,2,2-Tetrachloroethane
Concen: 0.476 ug/L
RT: 12.720 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03



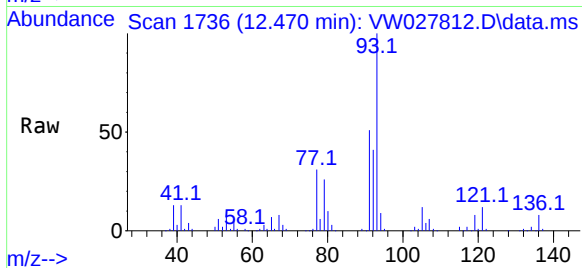
Tgt Ion: 83 Resp: 341
Ion Ratio Lower Upper
83 100
85 0.0 45.8 85.2#
131 0.0 7.0 10.6#



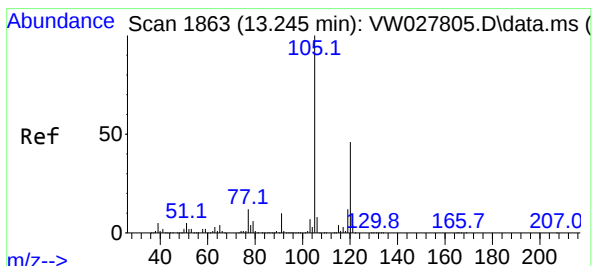
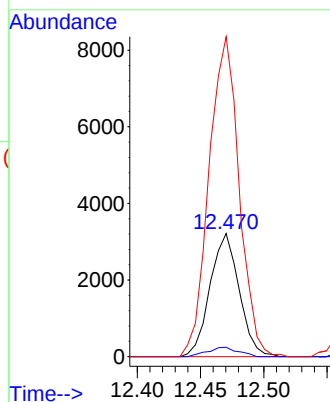
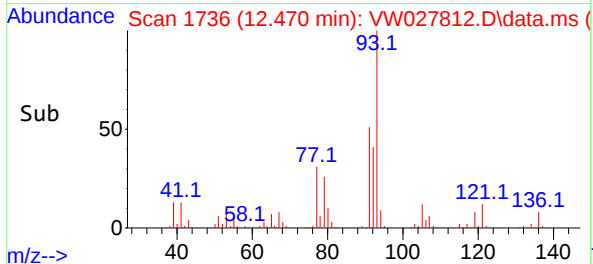


#60
Isopropylbenzene
Concen: 1.441 ug/L
RT: 12.470 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

Instrument :
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ClientSampleId :

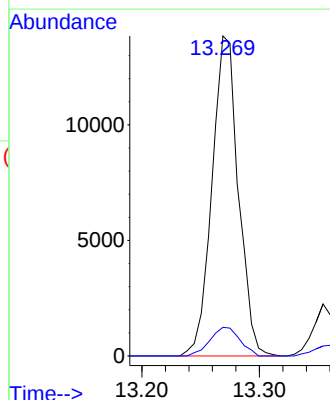
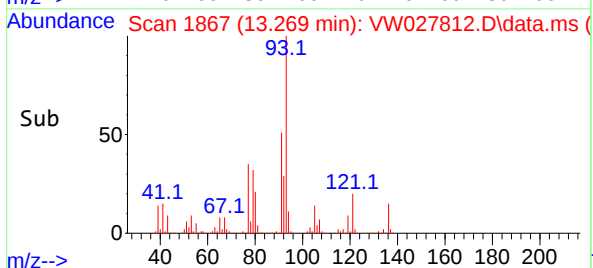
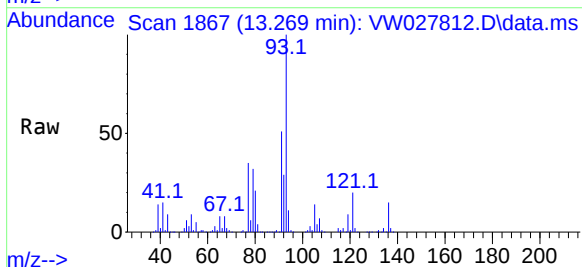


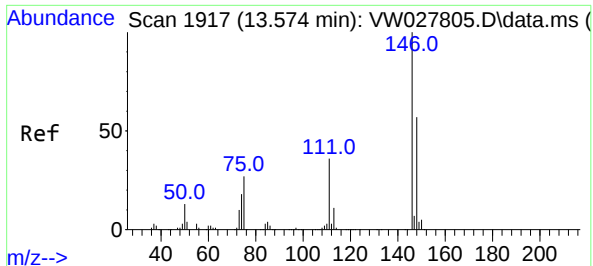
Tgt Ion:105 Resp: 5146
Ion Ratio Lower Upper
105 100
120 8.1 21.0 31.4#
77 269.2 12.0 18.0#



#63
1,2,4-Trimethylbenzene
Concen: 7.703 ug/L
RT: 13.269 min Scan# 1867
Delta R.T. 0.024 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

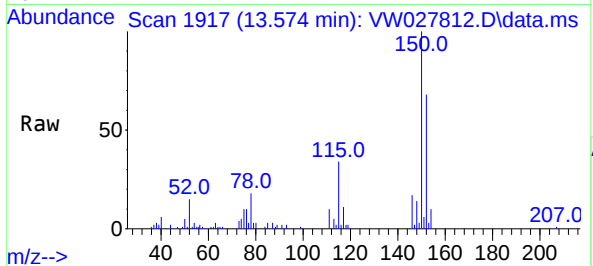
Tgt Ion:105 Resp: 21652
Ion Ratio Lower Upper
105 100
120 10.1 36.4 54.6#



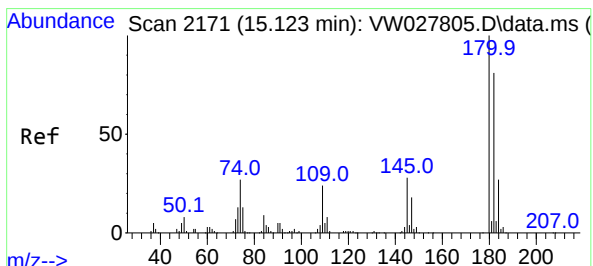
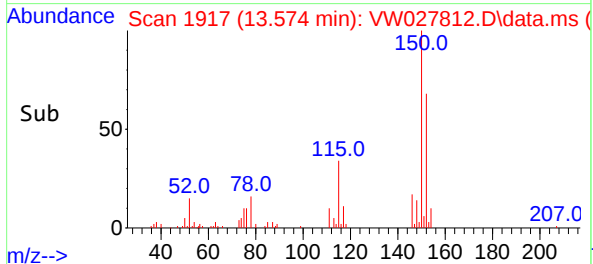
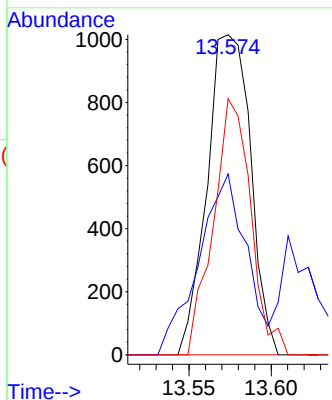


#65
1,4-Dichlorobenzene
Concen: 1.206 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027812.D
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Tgt Ion:146 Resp: 1870
Ion Ratio Lower Upper
146 100
111 56.5 26.2 48.6#
148 80.0 46.3 85.9



#70
1,2,4-trichlorobenzene
Concen: 0.401 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

Tgt Ion:180 Resp: 354
Ion Ratio Lower Upper
180 100
182 59.9 69.7 104.5#
145 0.0 24.1 36.1#

