

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020250.D
 Acq On : 29 Sep 2021 23:55
 Operator : SY/VA
 Sample : M3974-01
 Misc : 5.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 02:12:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 02:06:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	195339	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	166709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	64677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	60580	15.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.640%
7) Chloroethane-d5	2.897	69	52375	17.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	4.025	63	72441	11.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.320%
21) 2-Butanone-d5	7.079	46	15832	25.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.340%
24) Chloroform-d	7.652	84	102938	16.756	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.040%
26) 1,2-Dichloroethane-d4	8.311	65	52431	15.858	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.440%#
32) Benzene-d6	8.280	84	200432	18.845	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	9.280	67	60148	19.541	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.160%
41) Toluene-d8	10.329	98	191140	19.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	10.585	79	20842	15.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.360%
47) 2-Hexanone-d5	10.926	63	14827	34.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.620%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	37197	15.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.680%
66) 1,2-Dichlorobenzene-d4	13.852	152	51792	21.356	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.440%
Target Compounds						Qvalue
13) Acetone	4.123	43	5124	9.702	ug/L	82
29) Cyclohexane	7.957	56	10325	2.783	ug/L #	80
34) Trichloroethene	9.091	95	3173	1.178	ug/L	95
35) Methylcyclohexane	9.341	83	77463	17.652	ug/L	93
37) 1,2-Dichloropropane	9.335	63	839	0.337	ug/L #	18
38) Bromodichloromethane	9.615	83	1568	0.465	ug/L #	25
45) 1,1,2-Trichloroethane	10.762	97	25906	14.178	ug/L #	22
48) 2-Hexanone	10.938	43	21319	24.385	ug/L #	28
53) m,p-Xylene	11.847	106	3355	0.747	ug/L	94
54) o-Xylene	12.170	106	11888	2.863	ug/L	99
60) Isopropylbenzene	12.463	105	46697	5.385	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	35790	5.029	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	109691	15.690	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.499	75	5536	20.193	ug/L #	23
71) Naphthalene	15.364	128	216793	57.902	ug/L	96
72) 1,2,3-Trichlorobenzene	15.566	180	1548	0.810	ug/L #	35

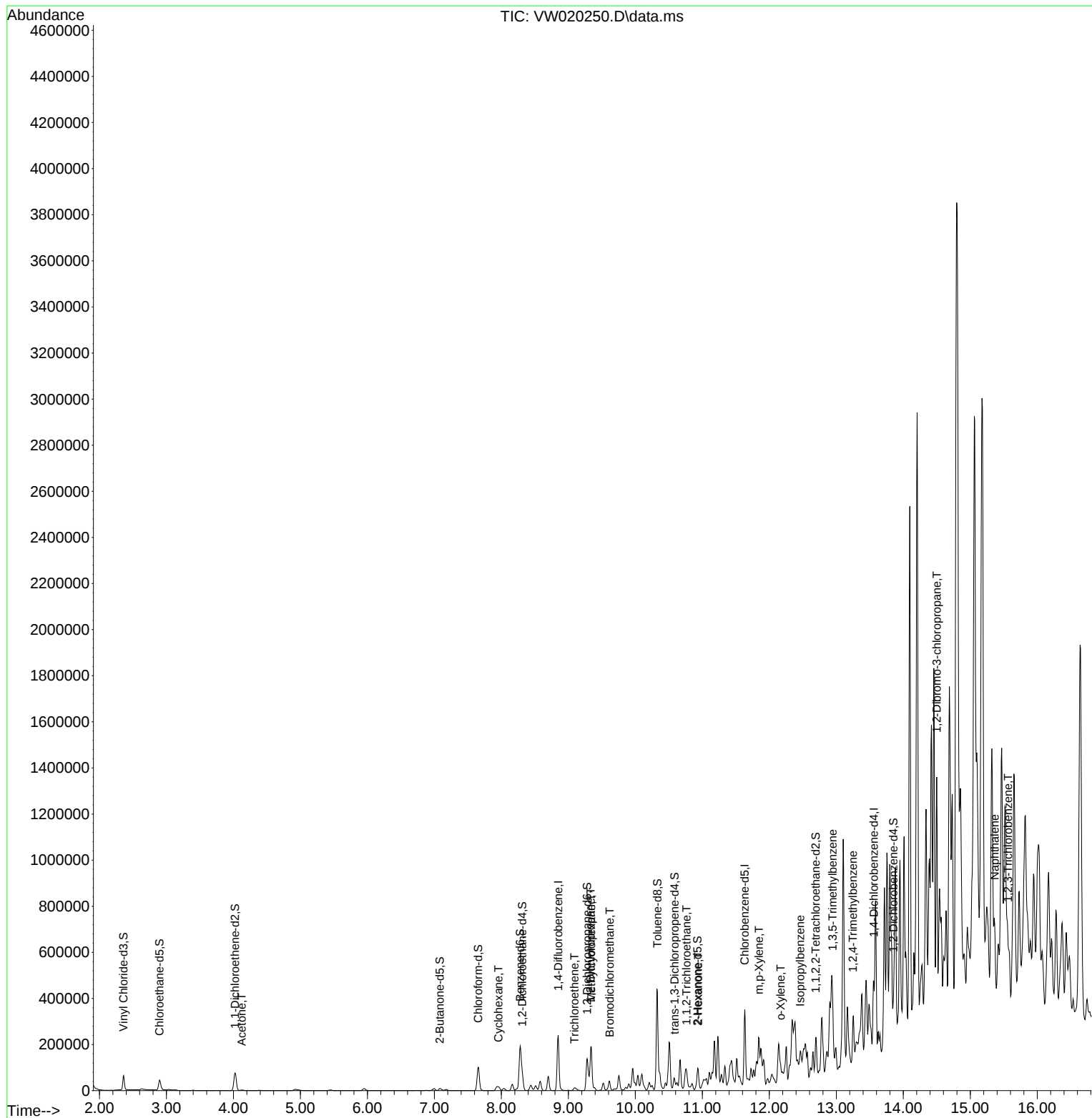
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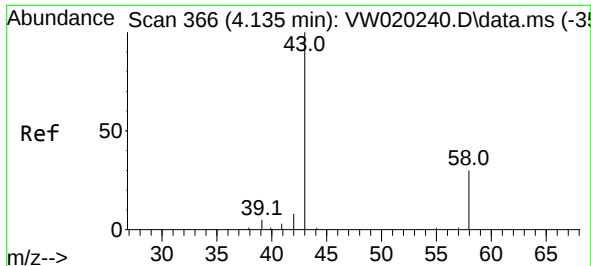
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
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Quant Time: Sep 30 02:12:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 30 02:06:51 2021
Response via : Initial Calibration

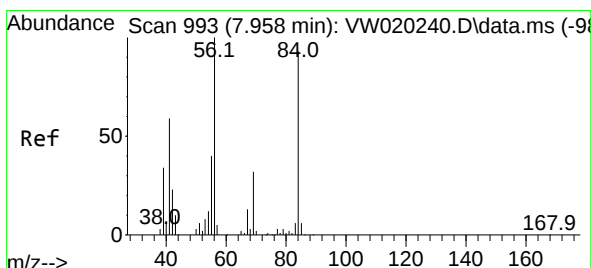
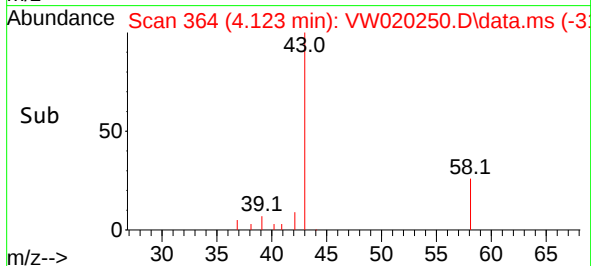
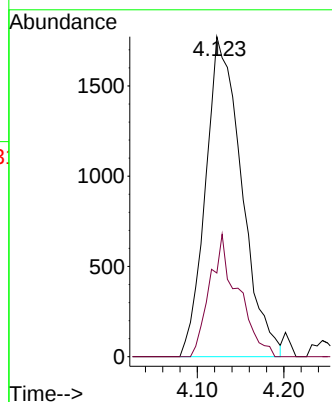
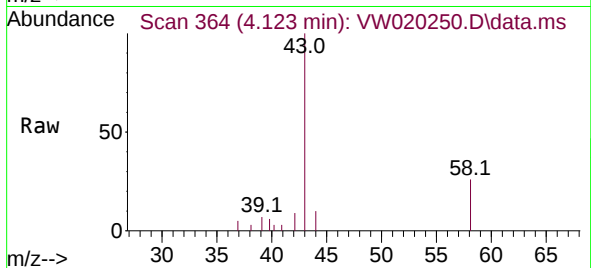




#13
Acetone
Concen: 9.702 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.013 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

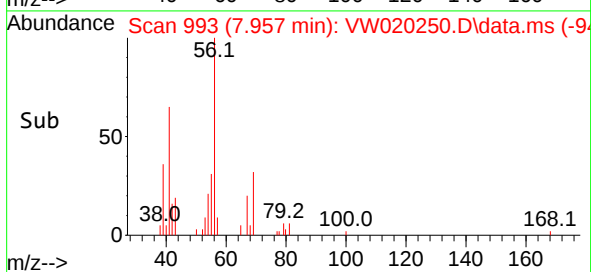
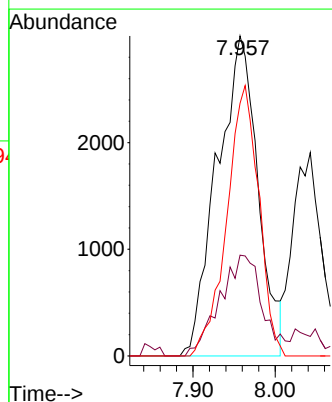
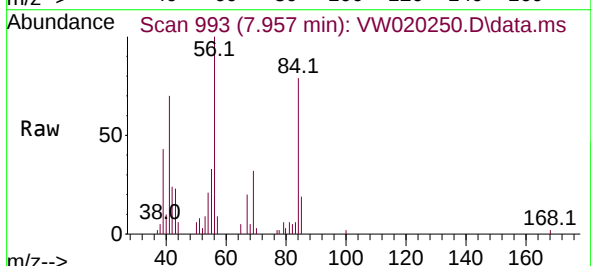
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MSVOA_W
ClientSampled :

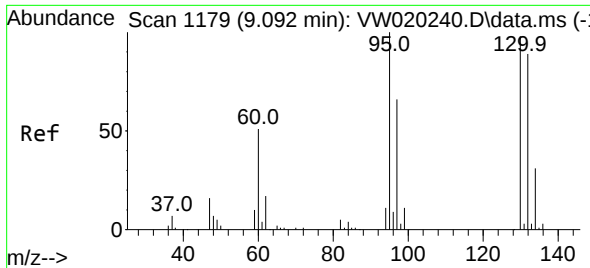
Tgt Ion: 43 Resp: 5124
Ion Ratio Lower Upper
43 100
58 21.1 0.0 61.6



#29
Cyclohexane
Concen: 2.783 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion: 56 Resp: 10325
Ion Ratio Lower Upper
56 100
69 31.6 25.7 38.5
84 66.6 73.4 110.2#



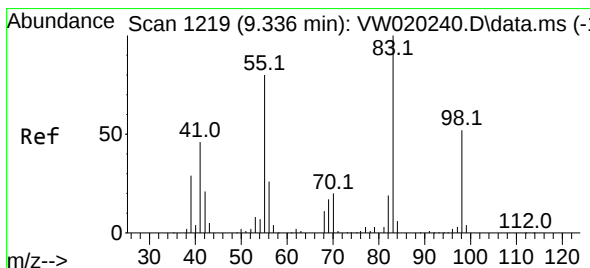
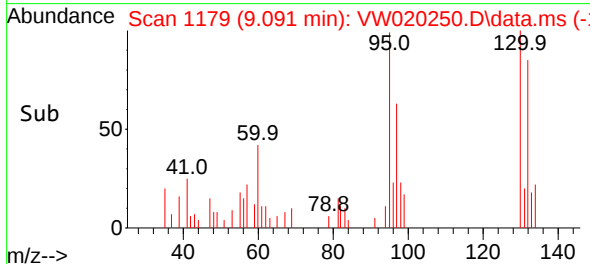
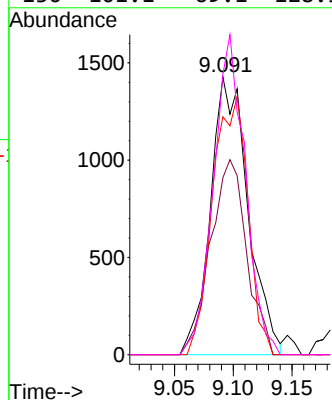
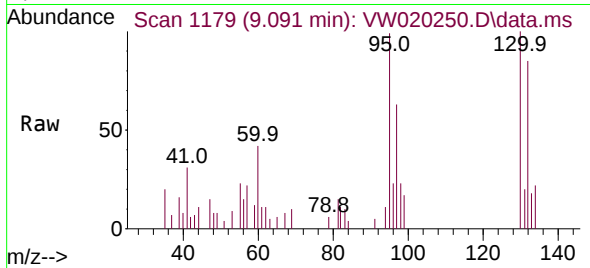


#34
Trichloroethene
Concen: 1.178 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 3173

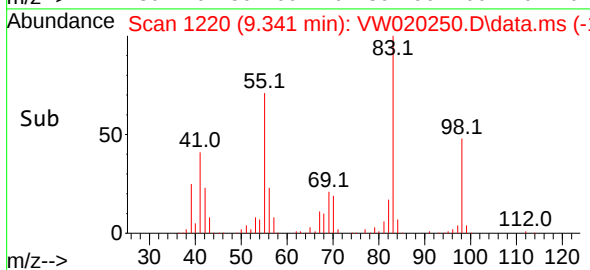
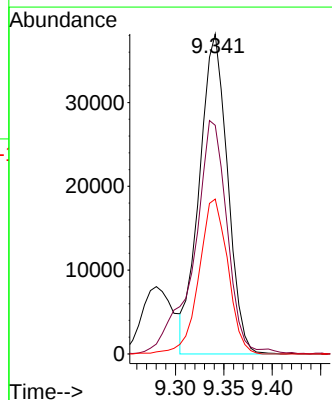
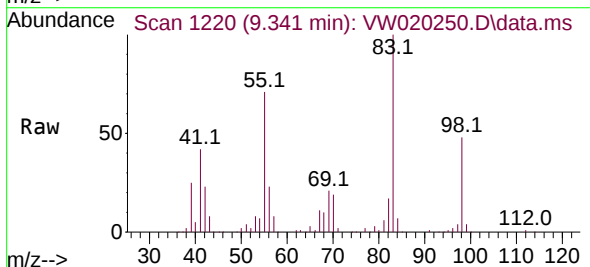
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.7
132	85.7	67.9	126.1
130	101.1	69.1	128.3

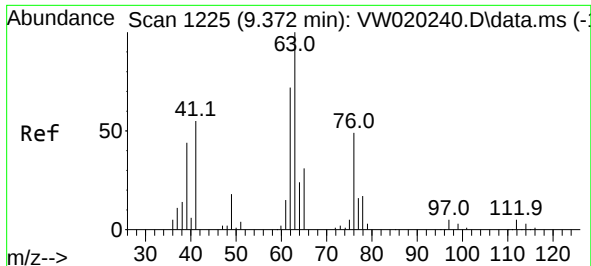


#35
Methylcyclohexane
Concen: 17.652 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion: 83 Resp: 77463

Ion	Ratio	Lower	Upper
83	100		
55	84.4	61.4	92.2
98	49.6	38.1	57.1

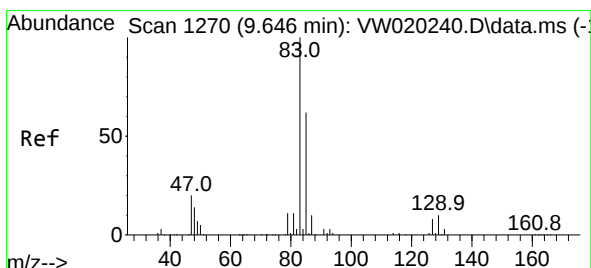
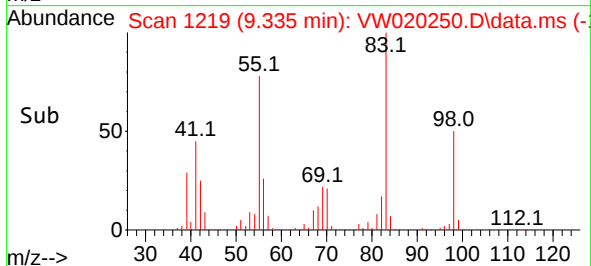
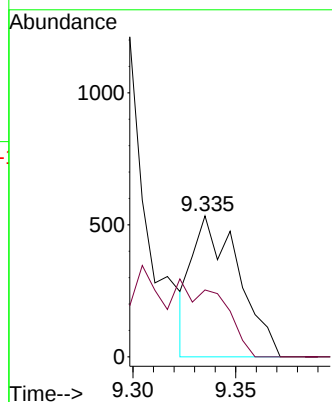
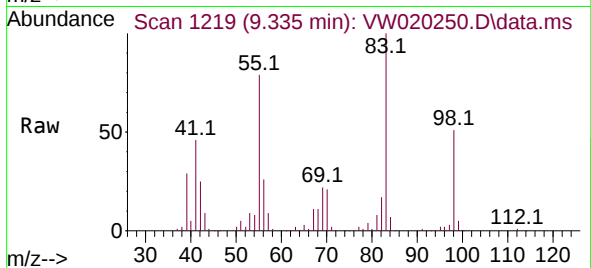




#37
1,2-Dichloropropane
Concen: 0.337 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.037 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

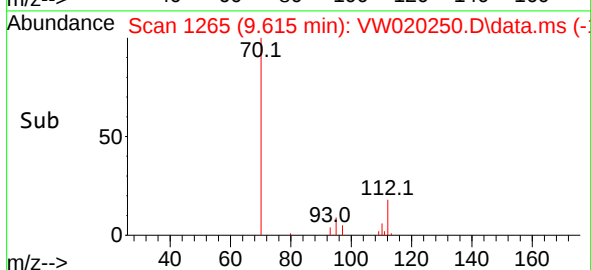
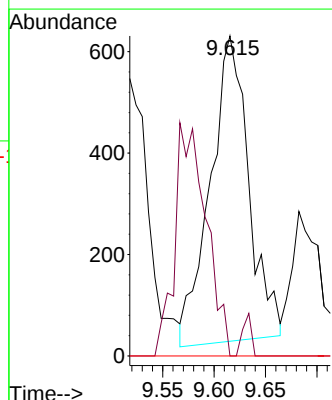
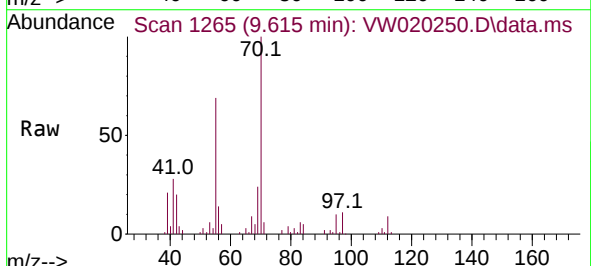
Instrument :
MSVOA_W
ClientSampleId :

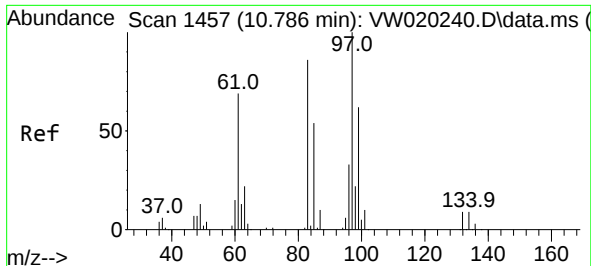
Tgt Ion: 63 Resp: 839
Ion Ratio Lower Upper
63 100
112 31.7 3.6 5.4#



#38
Bromodichloromethane
Concen: 0.465 ug/L
RT: 9.615 min Scan# 1265
Delta R.T. -0.031 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

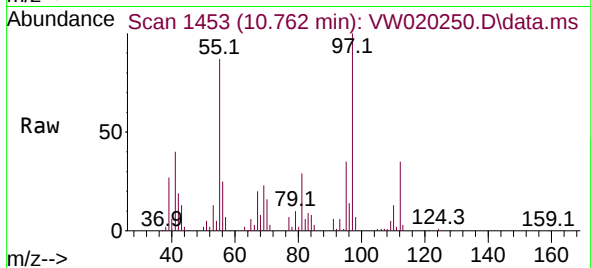
Tgt Ion: 83 Resp: 1568
Ion Ratio Lower Upper
83 100
85 0.0 44.4 82.5#
127 0.0 6.5 9.7#



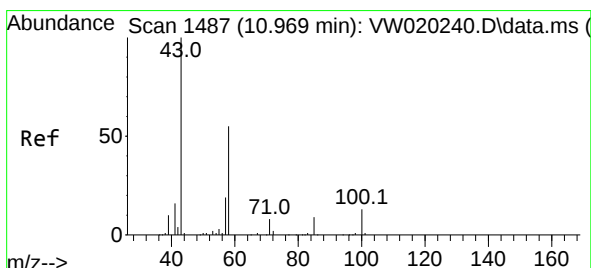
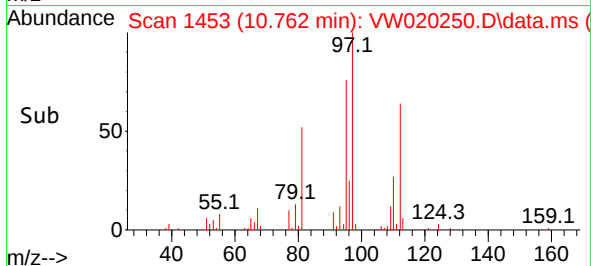
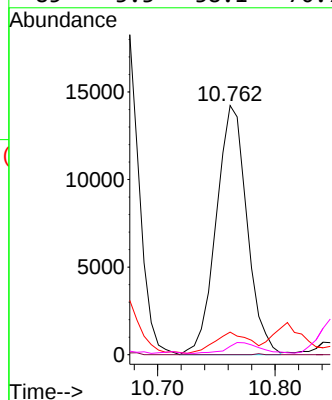


#45
1,1,2-Trichloroethane
Concen: 14.178 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.025 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Instrument :
MSVOA_W
ClientSampled :

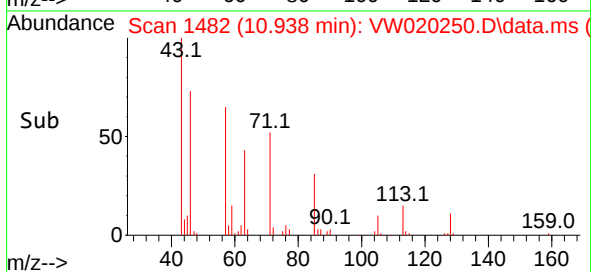
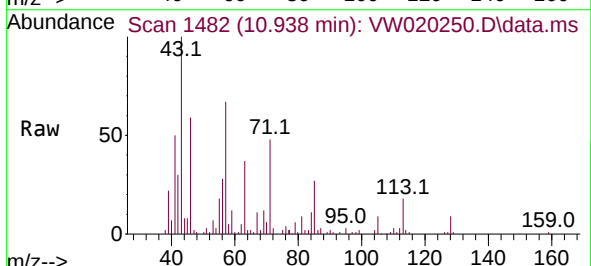
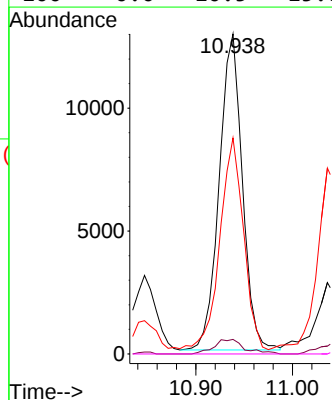


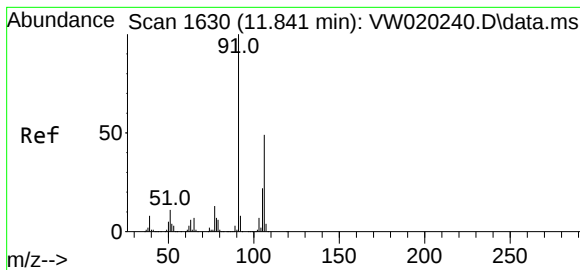
Tgt Ion:	97	Resp:	25906
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.0	78.0#
83	9.0	58.7	108.9#
85	3.3	38.1	70.7#



#48
2-Hexanone
Concen: 24.385 ug/L
RT: 10.938 min Scan# 1482
Delta R.T. -0.031 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion:	43	Resp:	21319
Ion	Ratio	Lower	Upper
43	100		
58	5.4	43.8	65.6#
57	68.3	15.6	23.4#
100	0.0	10.5	15.7#

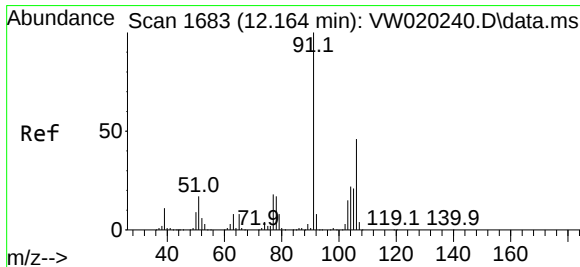
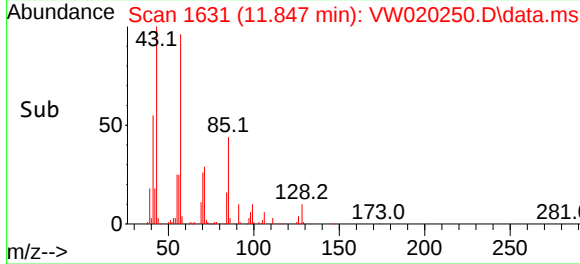
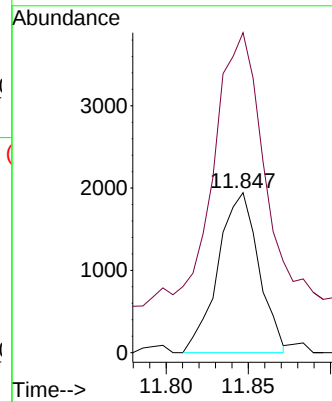
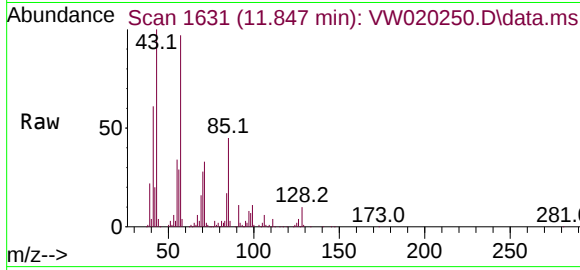




#53
m,p-Xylene
Concen: 0.747 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

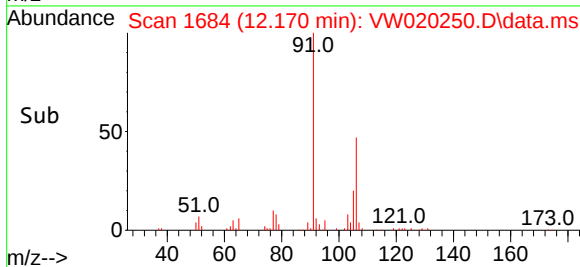
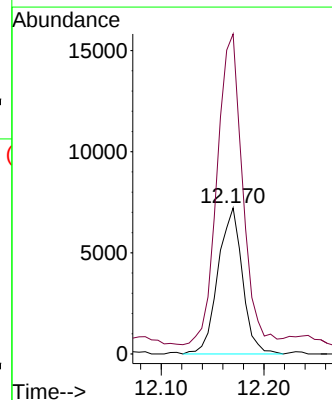
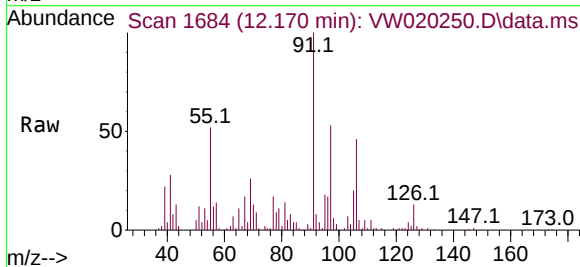
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ClientSampled :

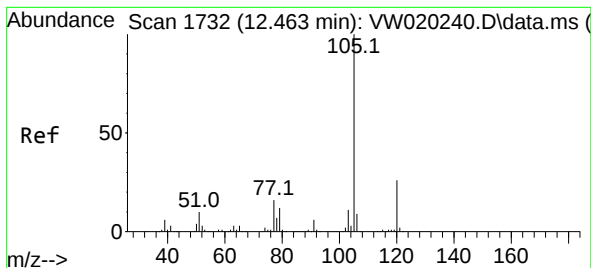
Tgt Ion:106 Resp: 3355
Ion Ratio Lower Upper
106 100
91 200.1 146.4 271.8



#54
o-Xylene
Concen: 2.863 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion:106 Resp: 11888
Ion Ratio Lower Upper
106 100
91 219.1 154.3 286.7

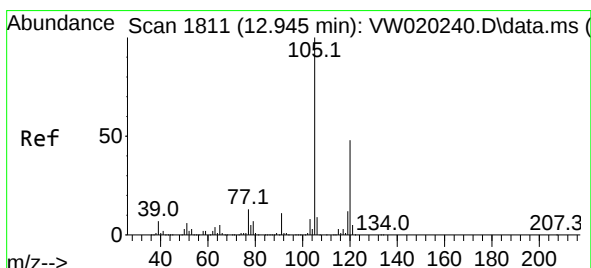
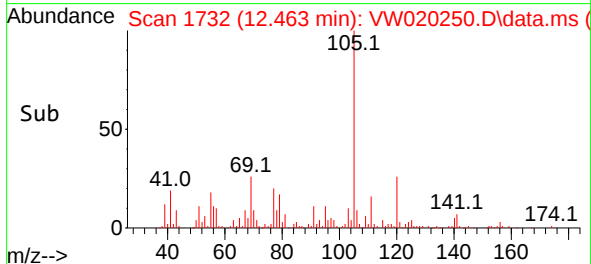
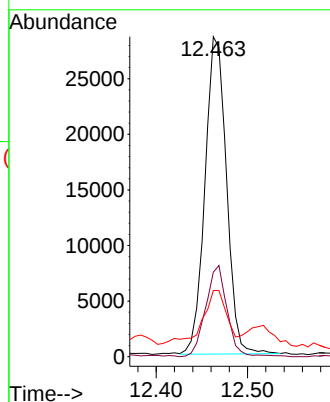
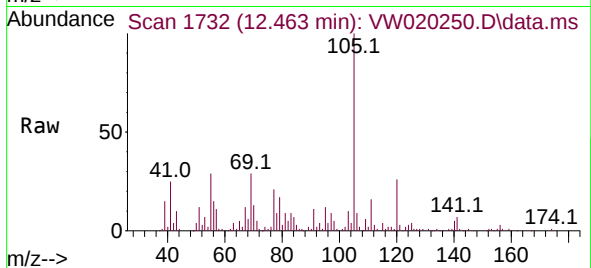




#60
Isopropylbenzene
Concen: 5.385 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

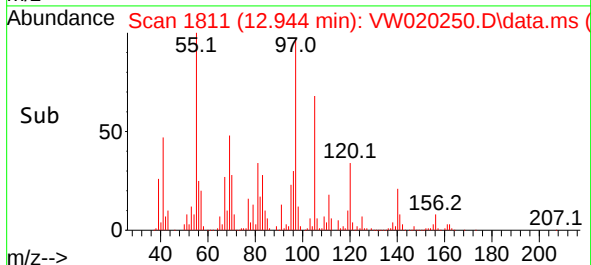
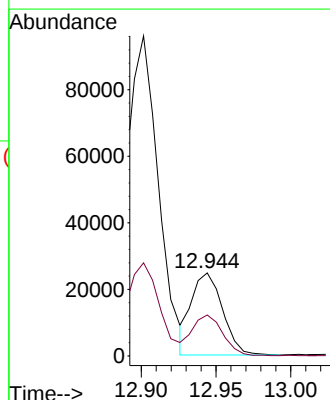
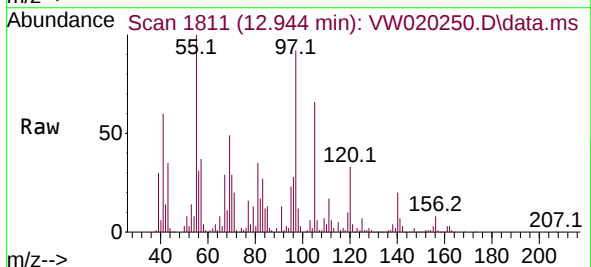
Instrument :
MSVOA_W
ClientSampleId :

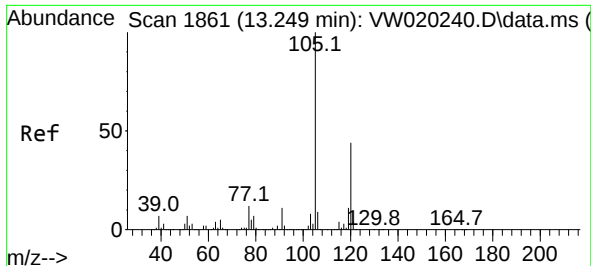
Tgt Ion:105 Resp: 46697
Ion Ratio Lower Upper
105 100
120 28.2 20.9 31.3
77 19.2 13.3 19.9



#62
1,3,5-Trimethylbenzene
Concen: 5.029 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion:105 Resp: 35790
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0

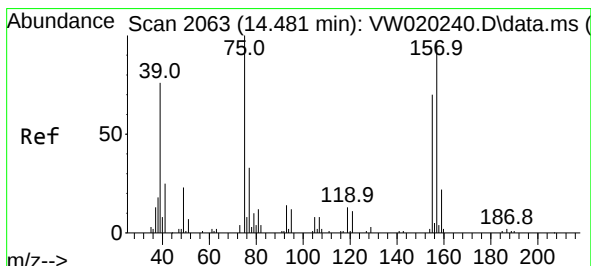
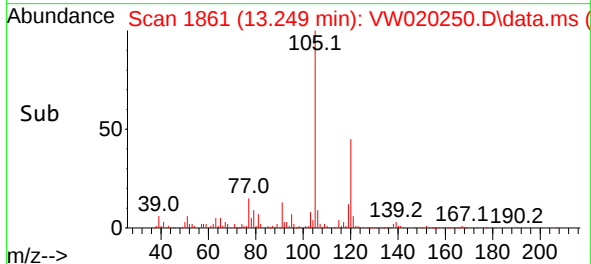
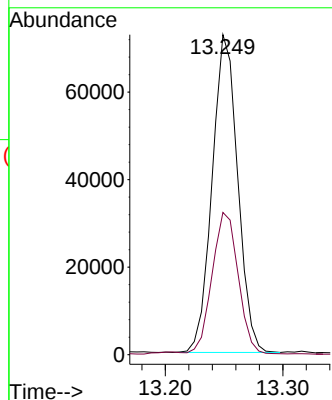
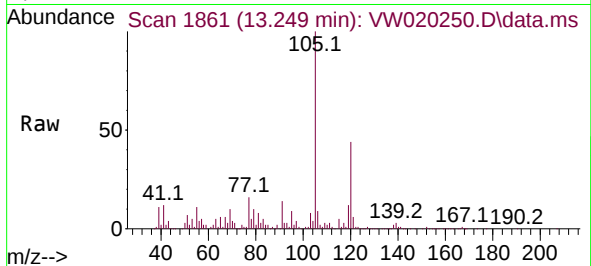




#63
1,2,4-Trimethylbenzene
Concen: 15.690 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

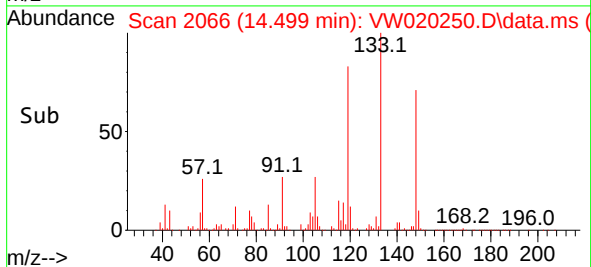
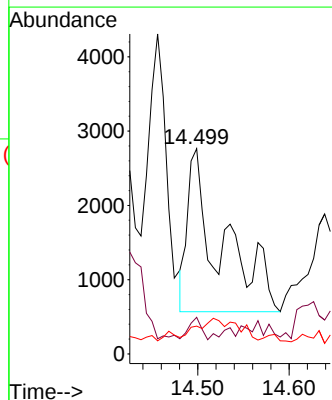
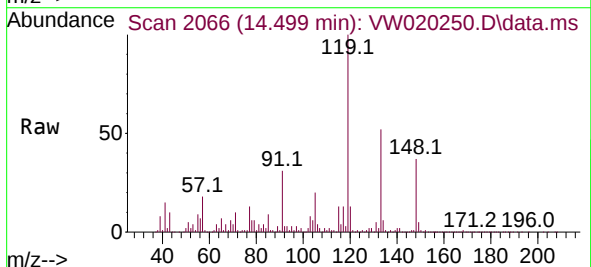
Instrument :
MSVOA_W
ClientSampleId :

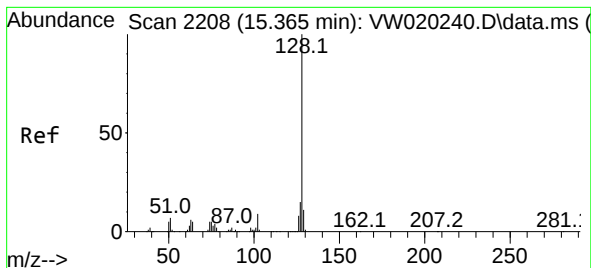
Tgt Ion:105 Resp: 109691
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 20.193 ug/L
RT: 14.499 min Scan# 2066
Delta R.T. 0.018 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion: 75 Resp: 5536
Ion Ratio Lower Upper
75 100
155 17.8 58.5 87.7#
157 13.5 77.4 116.0#

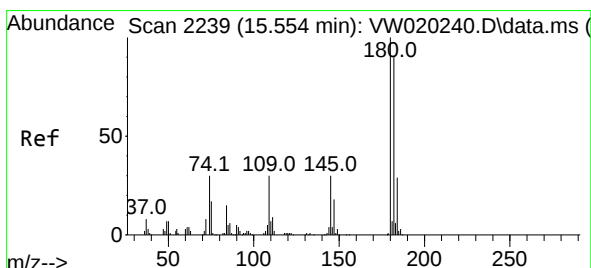
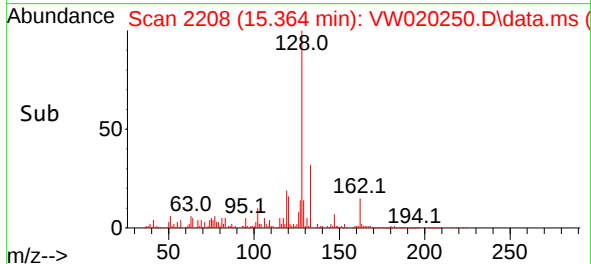
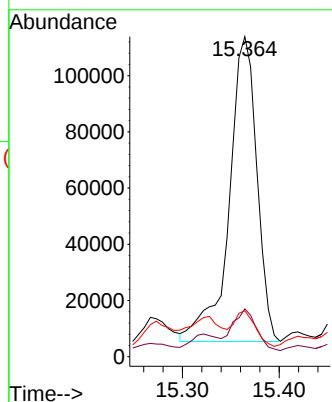
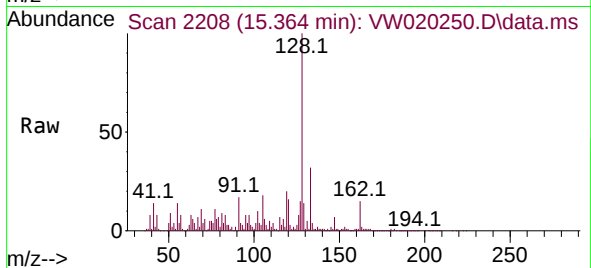




#71
Naphthalene
Concen: 57.902 ug/L
RT: 15.364 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 216793
Ion Ratio Lower Upper
128 100
127 11.5 10.3 15.5
129 8.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 0.810 ug/L
RT: 15.566 min Scan# 2241
Delta R.T. 0.012 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion:180 Resp: 1548
Ion Ratio Lower Upper
180 100
182 30.3 75.7 113.5#
145 0.0 28.2 42.4#

