

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021499.D
 Acq On : 20 Dec 2021 15:37
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 18:53:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	176510	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	170706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	98147	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41244	12.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.320%
7) Chloroethane-d5	2.885	69	30605	14.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.600%
11) 1,1-Dichloroethene-d2	4.019	63	70828	16.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.120%
21) 2-Butanone-d5	7.080	46	21199	46.782	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.560%
24) Chloroform-d	7.653	84	108064	21.969	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	8.311	65	54373	20.781	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.120%
32) Benzene-d6	8.275	84	230708	24.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.274	67	61897	24.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.680%
41) Toluene-d8	10.323	98	232003	24.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	10.579	79	25034	21.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	10.920	63	19264	51.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	45616	21.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	86109	22.638	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.560%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	2156	5.307	ug/L	90
20) cis-1,2-Dichloroethene	7.171	96	3611	1.445	ug/L	83
34) Trichloroethene	8.842	95	5071	1.943	ug/L	# 5
37) 1,2-Dichloropropane	9.280	63	7053	3.400	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1908	0.584	ug/L	# 48
42) Toluene	10.390	91	66307	6.097	ug/L	98
51) Chlorobenzene	11.658	112	6198	0.851	ug/L	# 85
52) Ethylbenzene	11.731	91	104274	8.390	ug/L	97
53) m,p-Xylene	11.835	106	163481	32.606	ug/L	86
54) o-Xylene	12.164	106	42872	9.010	ug/L	98
60) Isopropylbenzene	12.463	105	40882	3.065	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	41106	3.622	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	144132	12.875	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	7042	1.272	ug/L	# 83
70) 1,2,4-trichlorobenzene	15.127	180	4815	1.273	ug/L	# 84
71) Naphthalene	15.359	128	2171498	353.446	ug/L	99

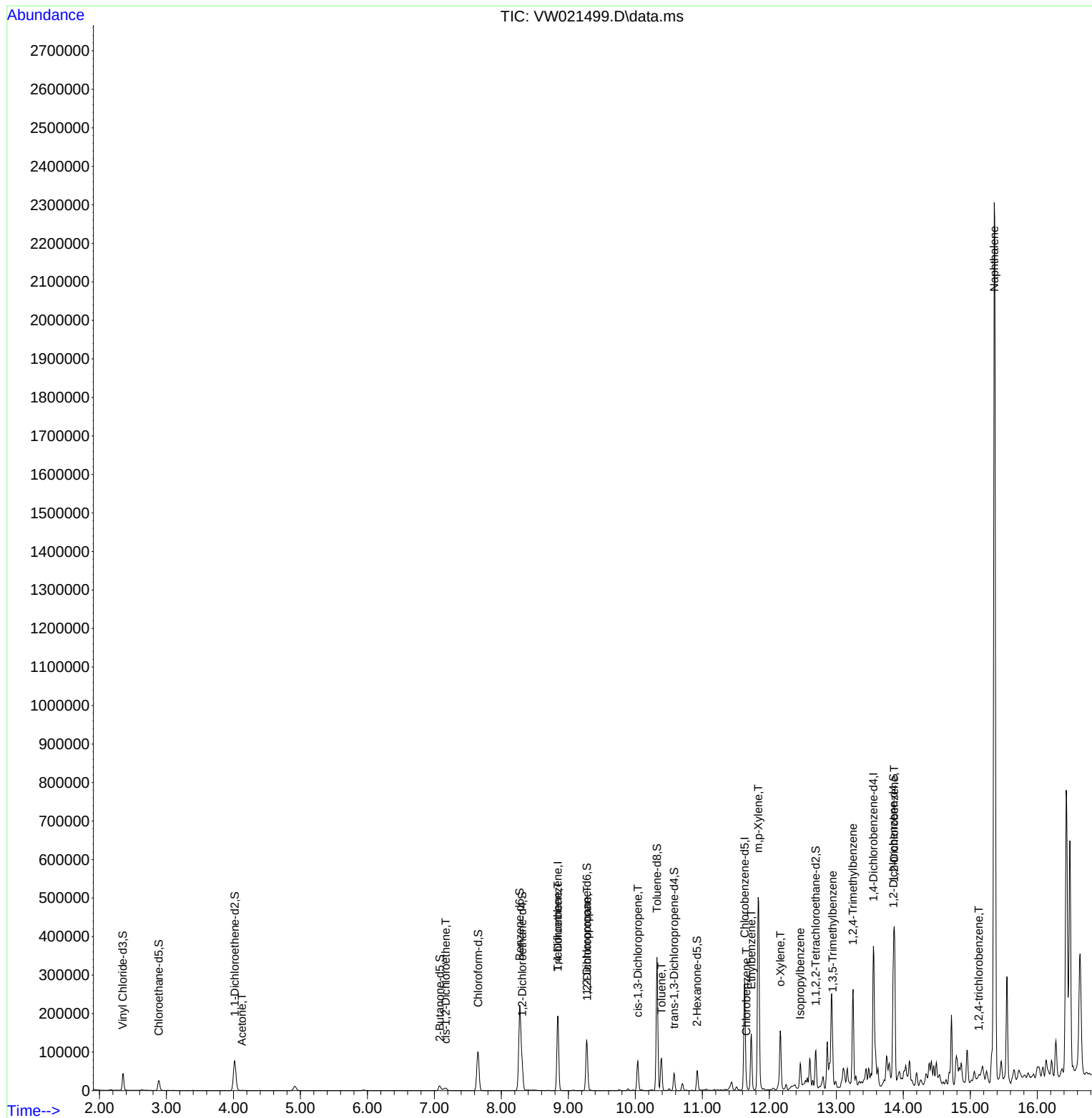
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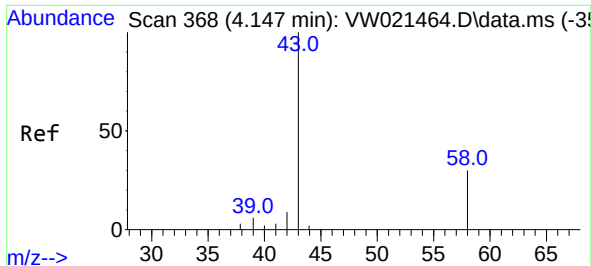
Instrument :
MSVOA_W
ClientSampleId :

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Quant Time: Dec 20 18:53:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

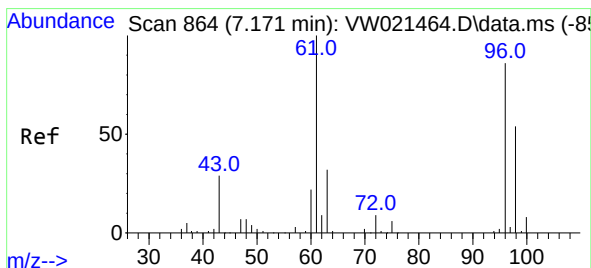
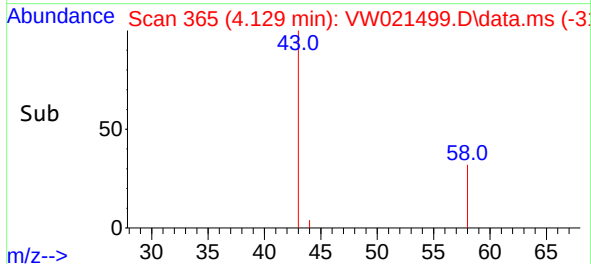
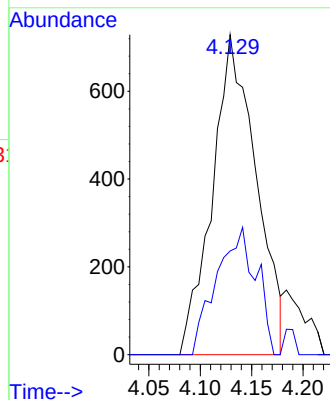
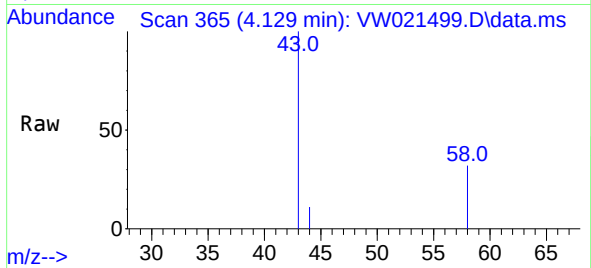




#13
Acetone
Concen: 5.307 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

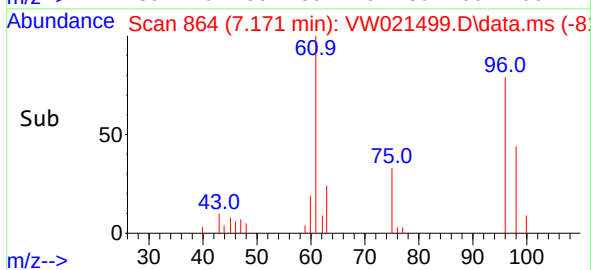
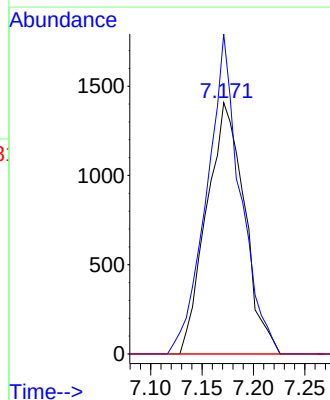
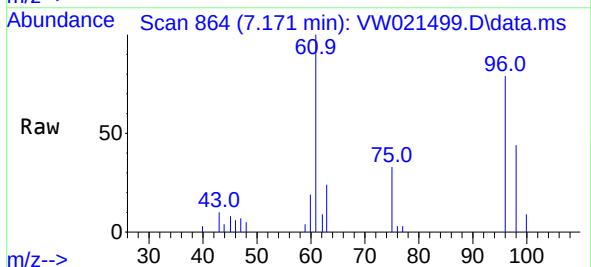
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MSVOA_W
ClientSampleId :

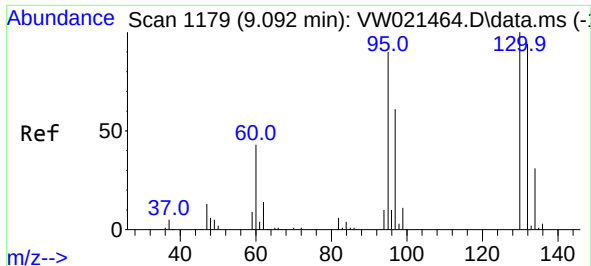
Tgt Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
58 31.4 0.0 52.8



#20
cis-1,2-Dichloroethene
Concen: 1.445 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

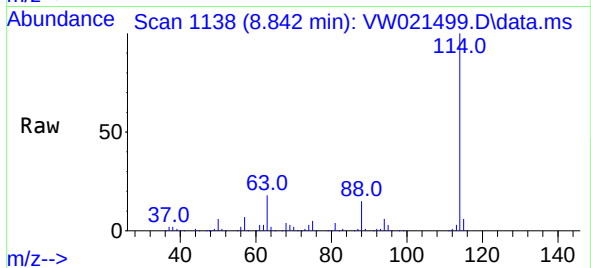
Tgt Ion: 96 Resp: 3611
Ion Ratio Lower Upper
96 100
61 127.3 103.7 192.7
68 0.0 0.0 0.0



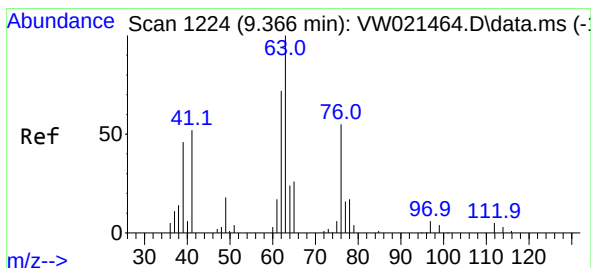
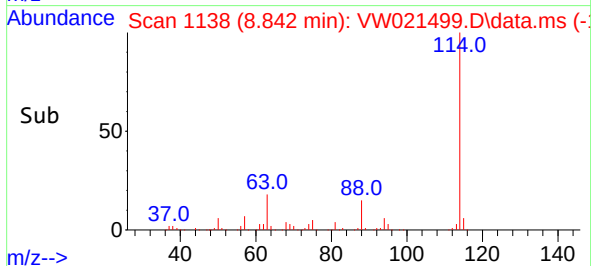
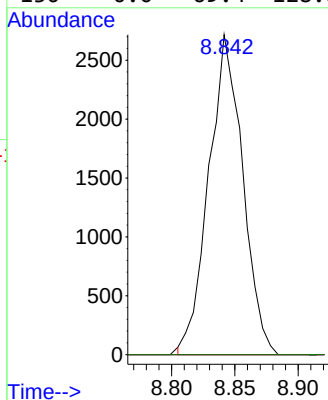


#34
Trichloroethene
Concen: 1.943 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Instrument :
MSVOA_W
ClientSampleId :

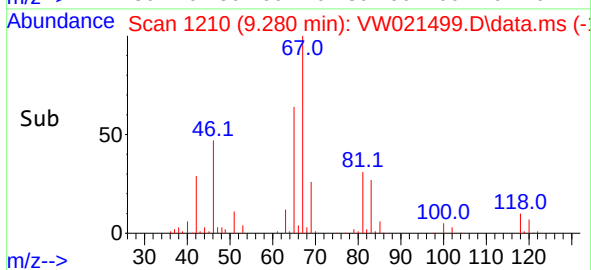
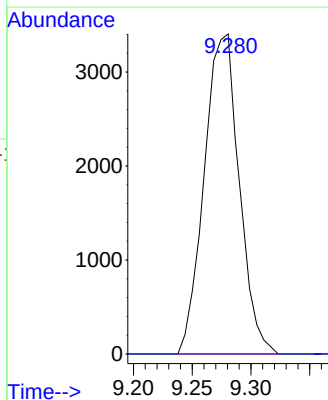
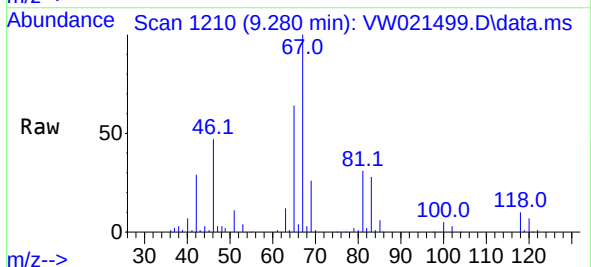


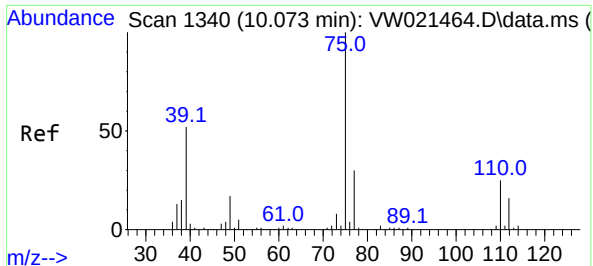
Tgt Ion: 95 Resp: 5071
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 3.400 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion: 63 Resp: 7053
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021499.D

Acq: 20 Dec 2021 15:37

Instrument :

MSVOA_W

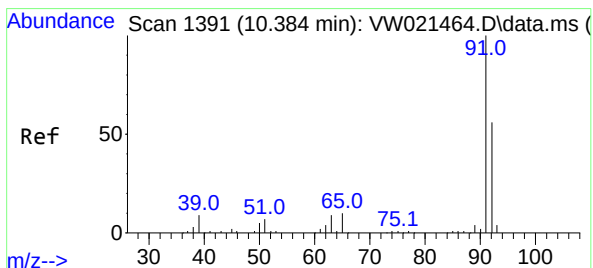
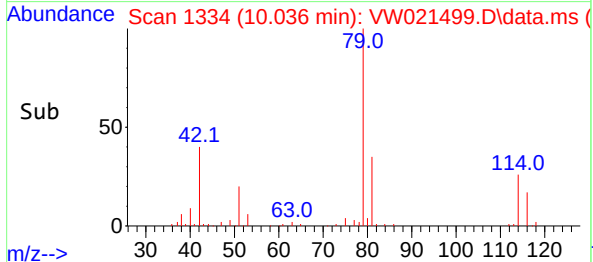
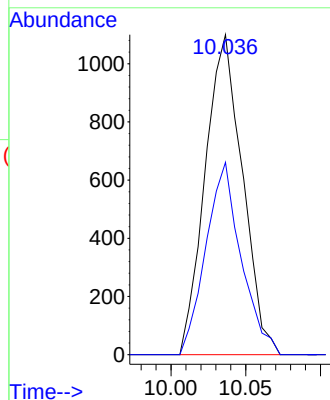
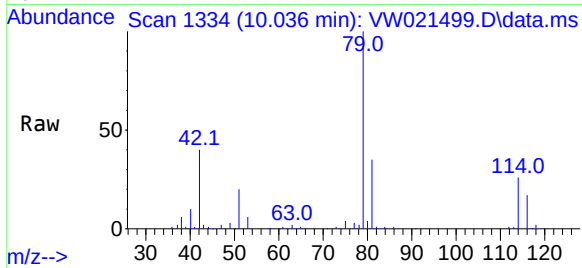
ClientSampleId :

Tgt Ion: 75 Resp: 1908

Ion Ratio Lower Upper

75 100

77 60.1 21.8 40.6#



#42

Toluene

Concen: 6.097 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021499.D

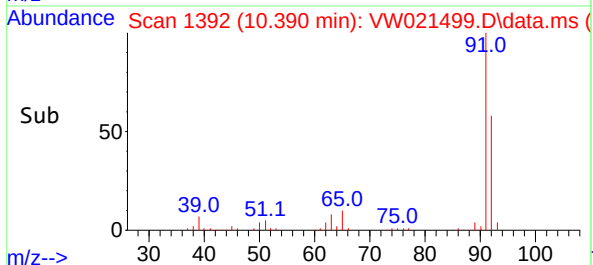
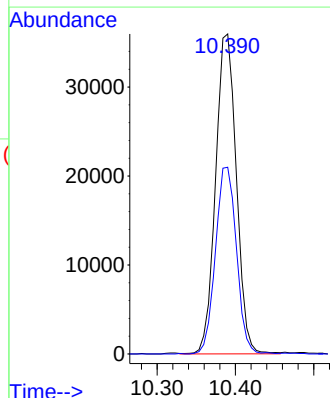
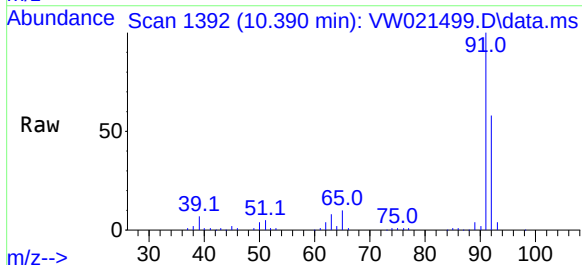
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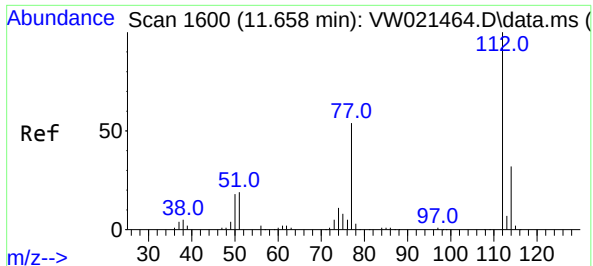
Tgt Ion: 91 Resp: 66307

Ion Ratio Lower Upper

91 100

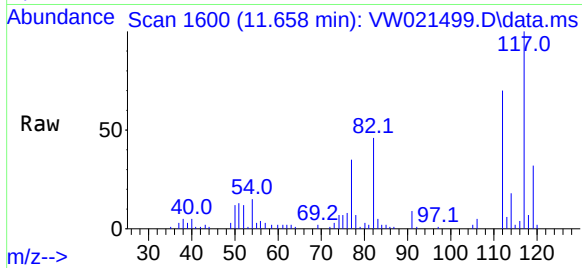
92 58.4 41.7 77.5



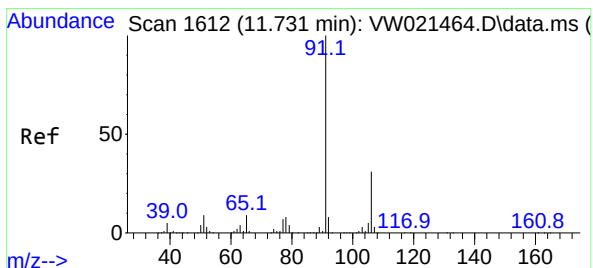
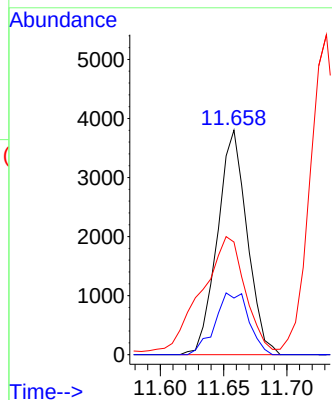
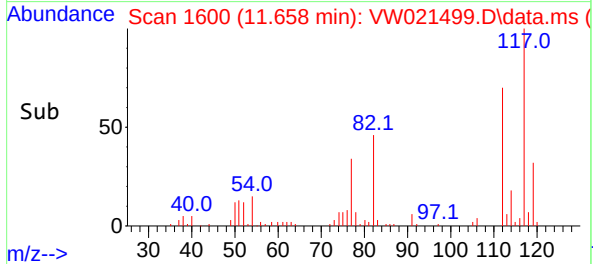


#51
Chlorobenzene
Concen: 0.851 ug/L
RT: 11.658 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Instrument :
MSVOA_W
ClientSampleId :

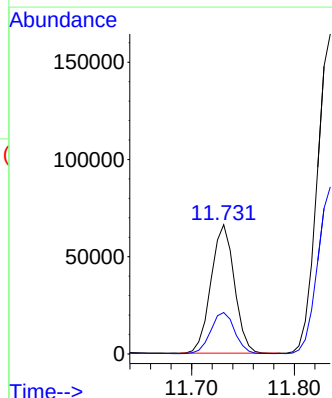
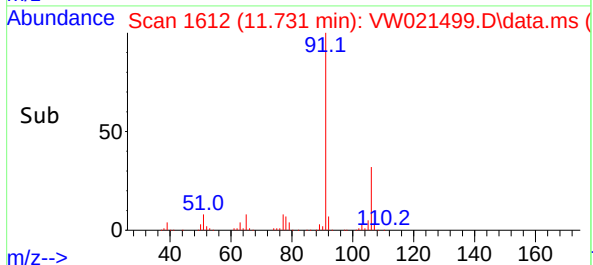
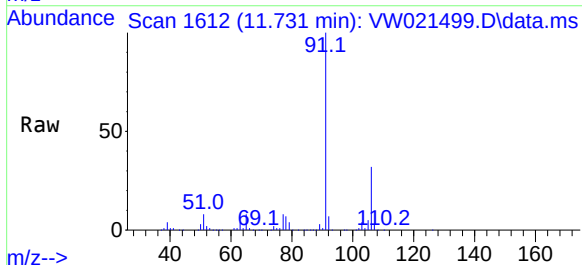


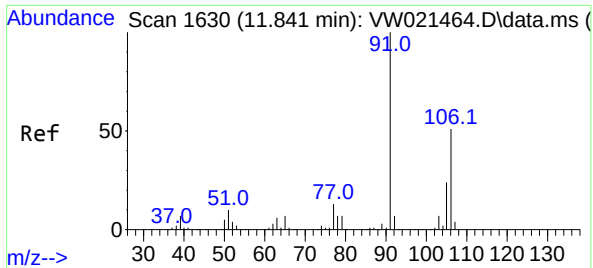
Tgt Ion:112 Resp: 6198
Ion Ratio Lower Upper
112 100
114 25.2 22.4 41.6
77 50.1 50.2 75.4#



#52
Ethylbenzene
Concen: 8.390 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion: 91 Resp: 104274
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9

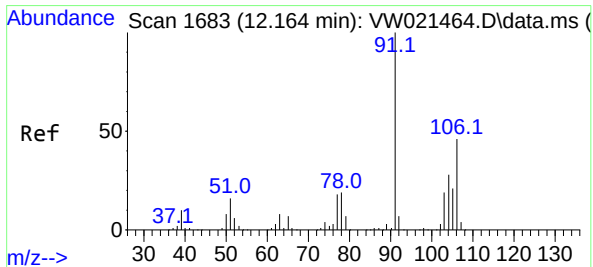
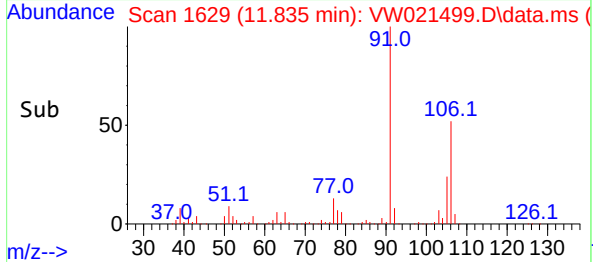
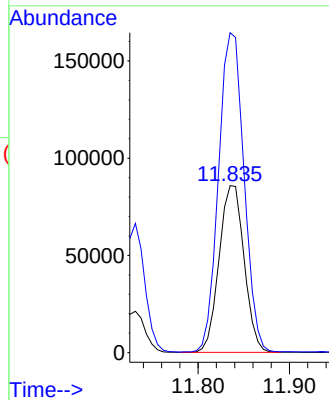
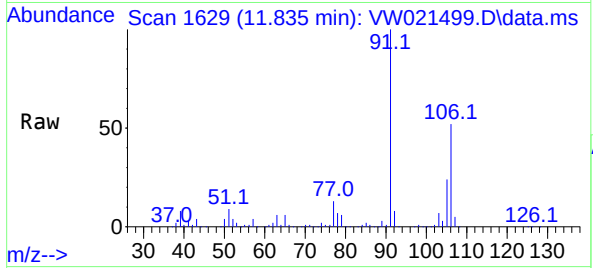




#53
m,p-Xylene
Concen: 32.606 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

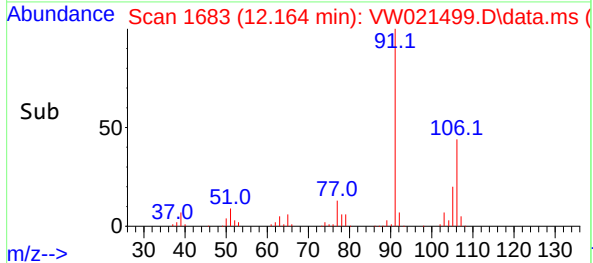
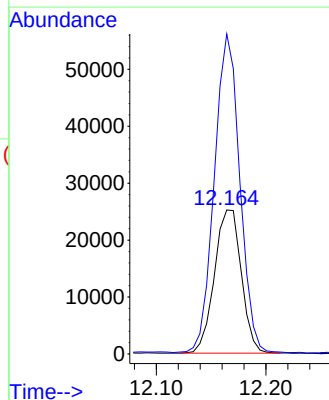
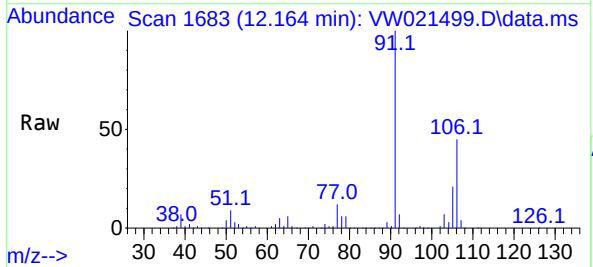
Instrument :
MSVOA_W
ClientSampleId :

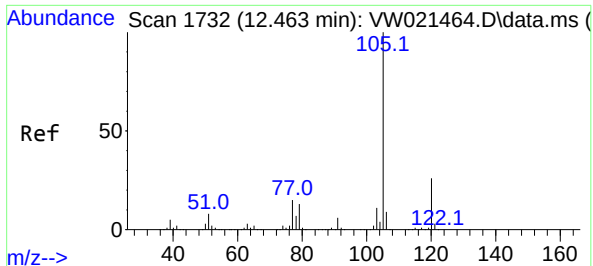
Tgt Ion:106 Resp: 163481
Ion Ratio Lower Upper
106 100
91 191.5 149.9 278.3



#54
o-Xylene
Concen: 9.010 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion:106 Resp: 42872
Ion Ratio Lower Upper
106 100
91 222.2 153.6 285.3

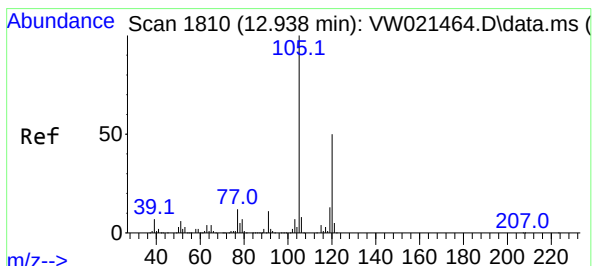
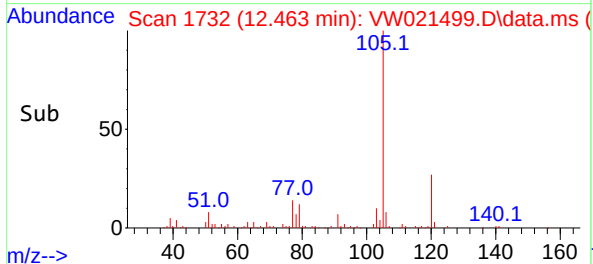
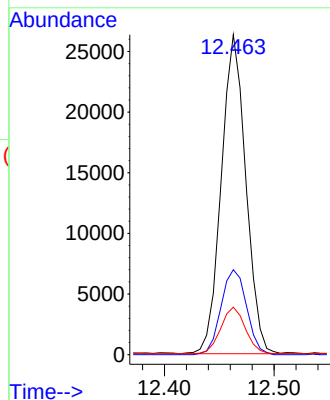
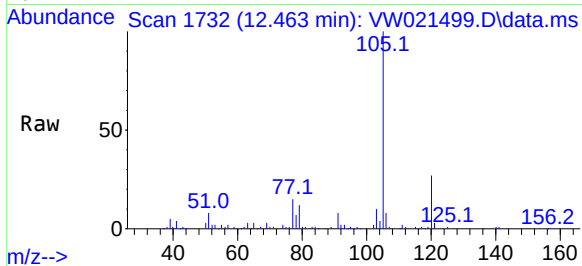




#60
Isopropylbenzene
Concen: 3.065 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

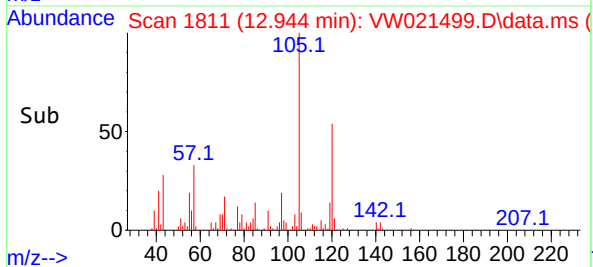
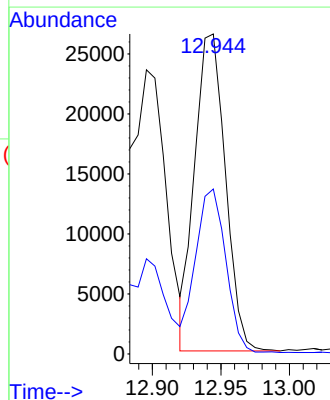
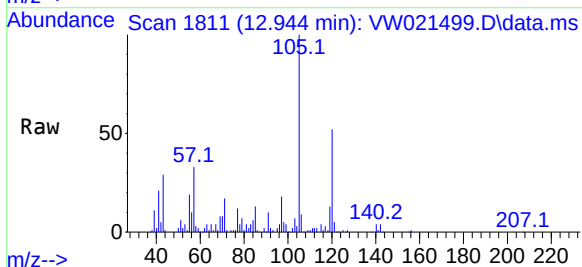
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MSVOA_W
ClientSampleId :

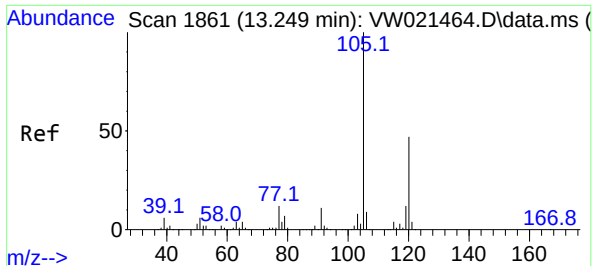
Tgt Ion:105 Resp: 40882
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 14.7 13.8 20.8



#62
1,3,5-Trimethylbenzene
Concen: 3.622 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion:105 Resp: 41106
Ion Ratio Lower Upper
105 100
120 51.9 37.4 56.2

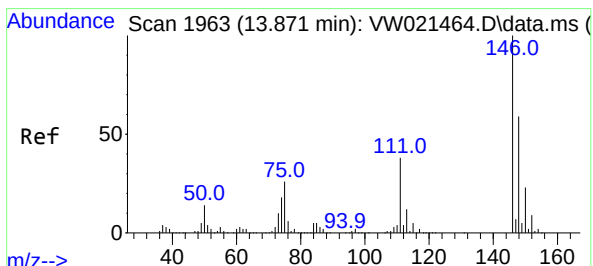
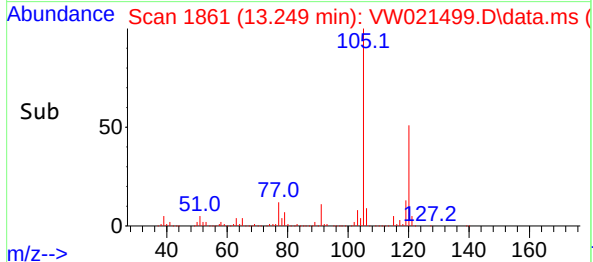
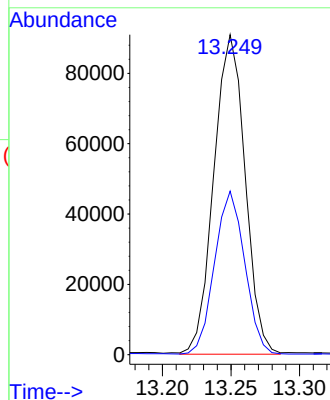
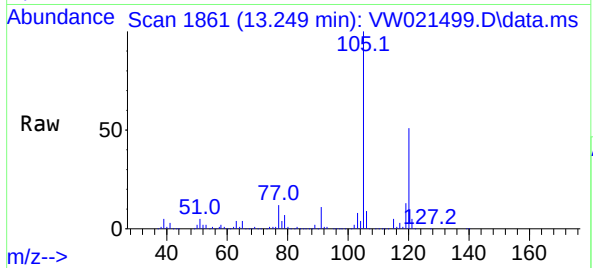




#63
1,2,4-Trimethylbenzene
Concen: 12.875 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

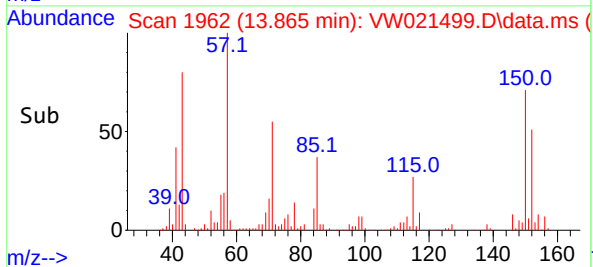
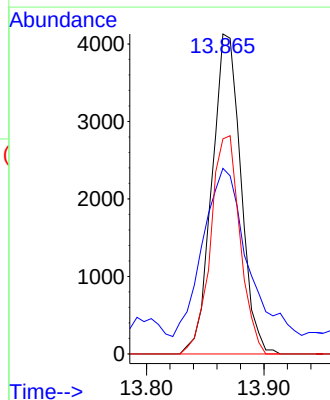
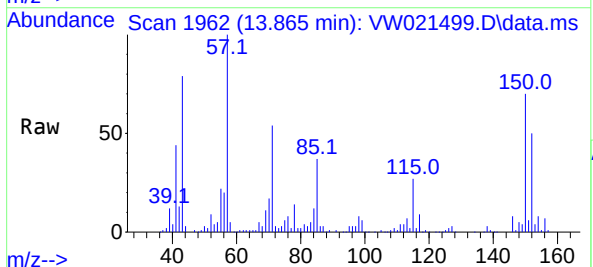
Instrument :
MSVOA_W
ClientSampleId :

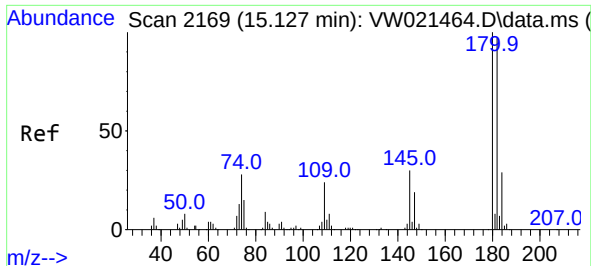
Tgt Ion:105 Resp: 144132
Ion Ratio Lower Upper
105 100
120 49.6 35.0 52.6



#67
1,2-Dichlorobenzene
Concen: 1.272 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

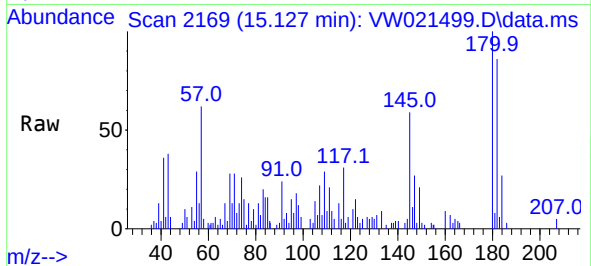
Tgt Ion:146 Resp: 7042
Ion Ratio Lower Upper
146 100
111 58.0 33.1 49.7#
148 67.2 47.4 71.2



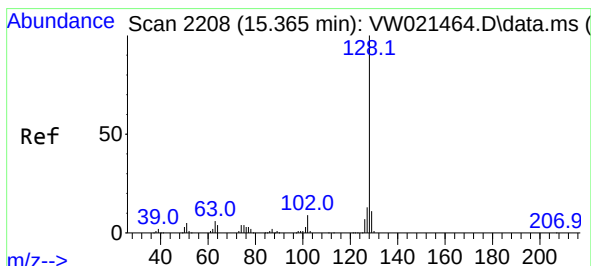
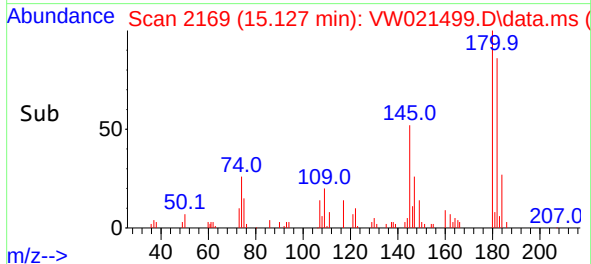
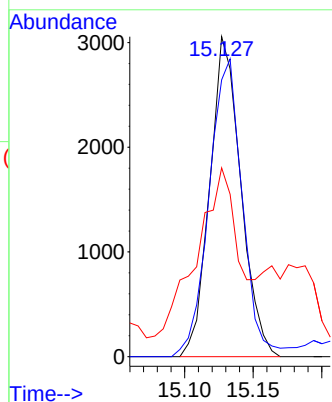


#70
1,2,4-trichlorobenzene
Concen: 1.273 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 4815
Ion Ratio Lower Upper
180 100
182 99.1 79.0 118.6
145 67.7 26.0 39.0#



#71
Naphthalene
Concen: 353.446 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021499.D
Acq: 20 Dec 2021 15:37

Tgt Ion:128 Resp: 2171498
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.7 8.6 12.8

