

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101321\
 Data File : VW020471.D
 Acq On : 13 Oct 2021 19:29
 Operator : SY/VA
 Sample : M4181-14
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ2

Quant Time: Oct 14 01:04:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 00:58:33 2021
 Response via : Initial Calibration

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

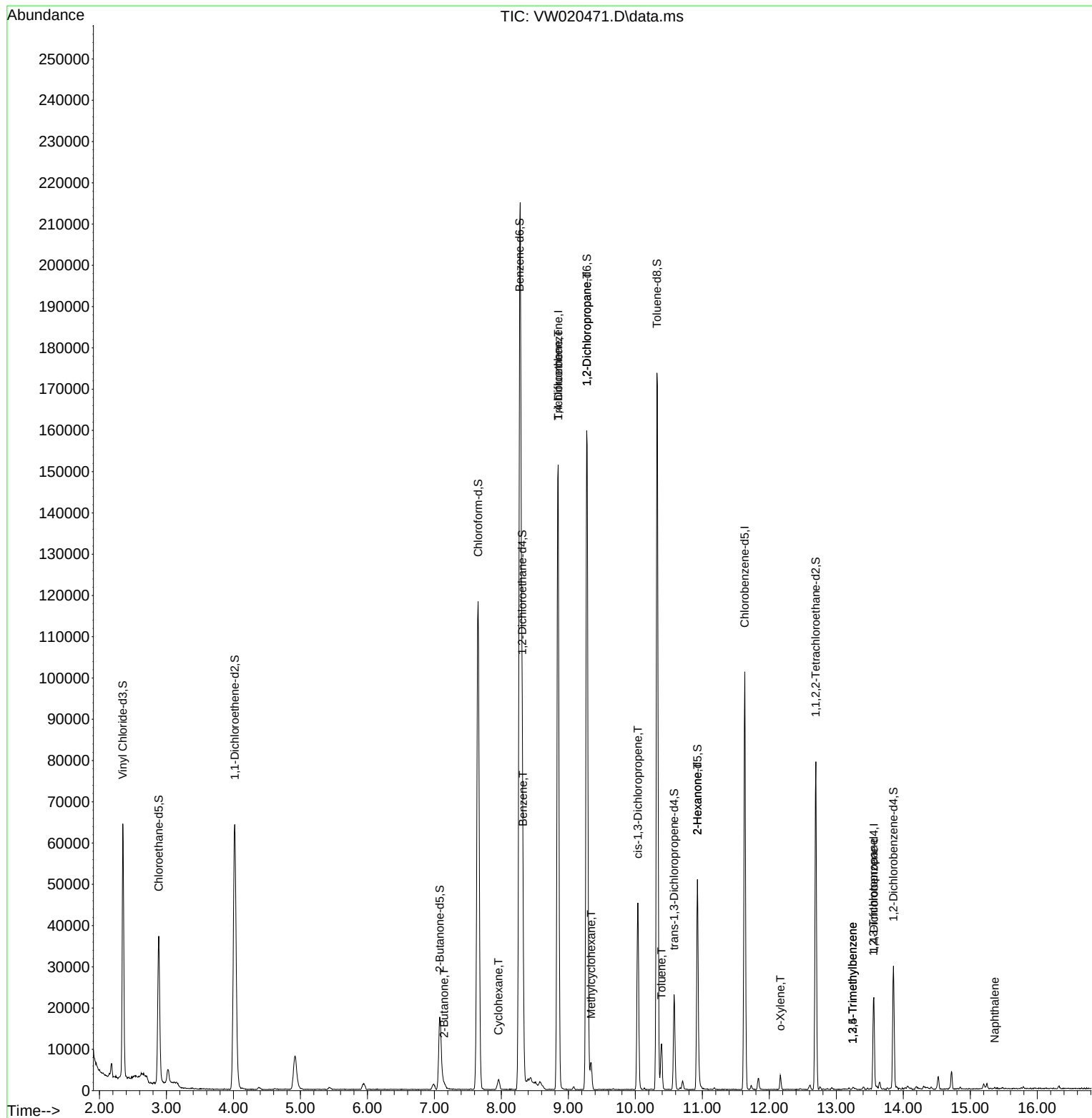
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	115336	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	50042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	5781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	59244	35.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.200%
7) Chloroethane-d5	2.885	69	37869	42.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	170.880%#
11) 1,1-Dichloroethene-d2	4.019	63	68413	19.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.560%
21) 2-Butanone-d5	7.080	46	31190	61.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.140%
24) Chloroform-d	7.653	84	119474	32.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.000%
26) 1,2-Dichloroethane-d4	8.311	65	62886	29.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.800%
32) Benzene-d6	8.274	84	206741	62.807	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	251.240%#
36) 1,2-Dichloropropane-d6	9.274	67	72616	67.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	270.760%#
41) Toluene-d8	10.323	98	109735	37.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	148.600%#
43) trans-1,3-Dichloroprop...	10.579	79	12034	27.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.400%
47) 2-Hexanone-d5	10.926	63	15331	92.896	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.800%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	37615	46.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	185.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	7415	32.789	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	131.160%#
Target Compounds						Qvalue
22) 2-Butanone	7.147	43	1834	3.125	ug/L #	51
29) Cyclohexane	7.957	56	1192	0.814	ug/L #	60
33) Benzene	8.323	78	3414	0.958	ug/L	100
34) Trichloroethene	8.848	95	3725	4.242	ug/L #	8
35) Methylcyclohexane	9.341	83	2186	1.455	ug/L	94
37) 1,2-Dichloropropane	9.274	63	8466	9.172	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	1209	0.949	ug/L #	65
42) Toluene	10.390	91	7954	2.225	ug/L	96
48) 2-Hexanone	10.926	43	2678	6.588	ug/L #	67
54) o-Xylene	12.164	106	804	0.606	ug/L	83
61) 1,2,3-Trichloropropane	13.554	75	737	5.787	ug/L #	63
62) 1,3,5-Trimethylbenzene	13.243	105	524	0.756	ug/L	90
63) 1,2,4-Trimethylbenzene	13.243	105	524	0.764	ug/L	95
71) Naphthalene	15.365	128	326	0.875	ug/L #	69

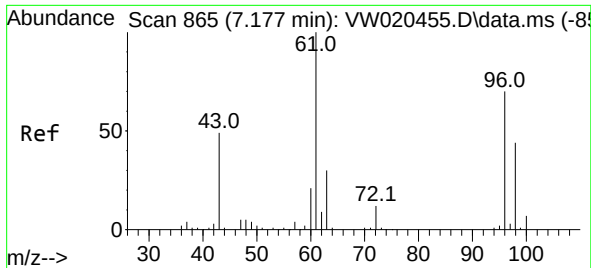
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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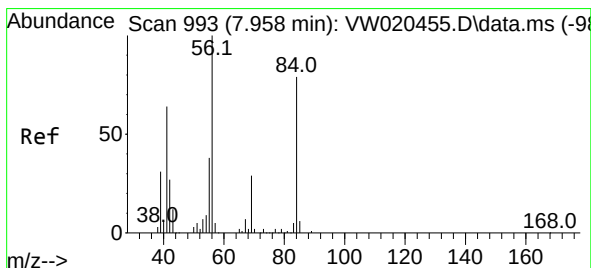
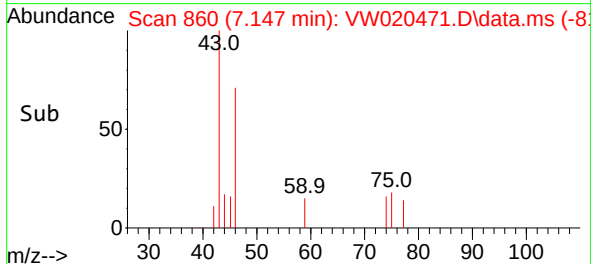
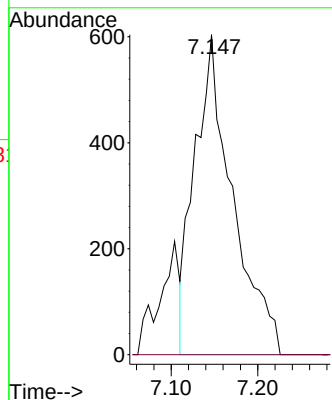
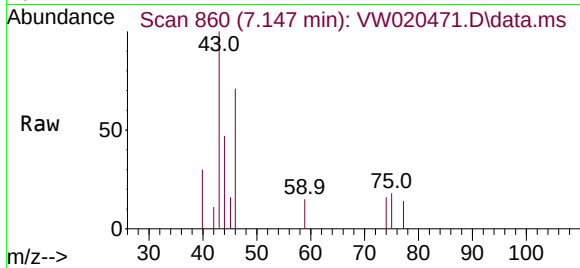




#22
2-Butanone
Concen: 3.125 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.031 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

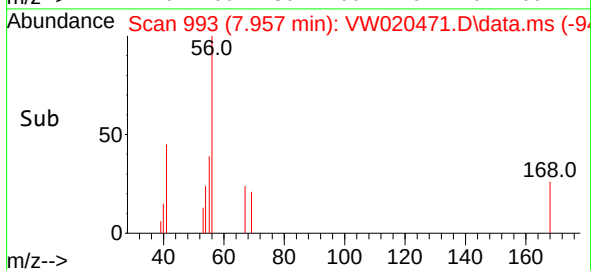
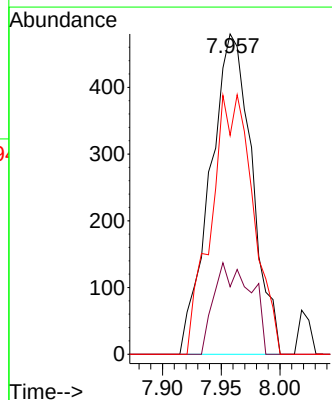
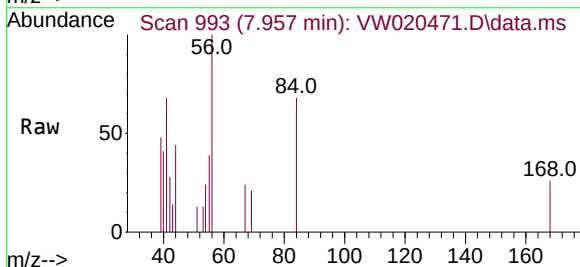
Instrument :
MSVOA_W
ClientSampleId :
C0AZ2

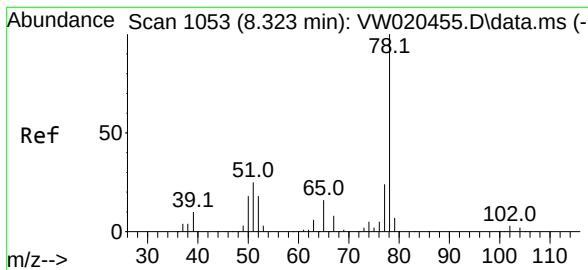
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.6#



#29
Cyclohexane
Concen: 0.814 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 56 Resp: 1192
Ion Ratio Lower Upper
56 100
69 12.1 23.2 34.8#
84 41.9 63.7 95.5#

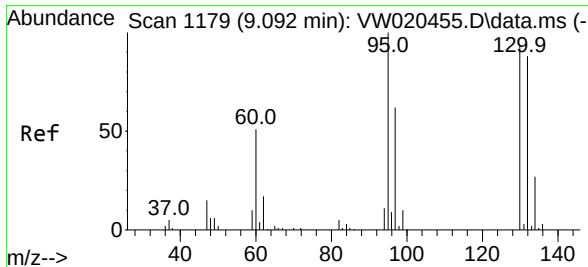
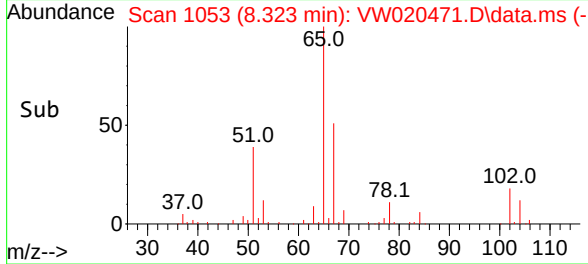
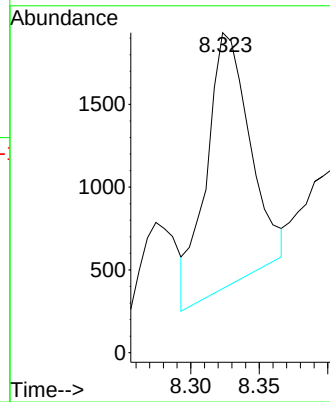
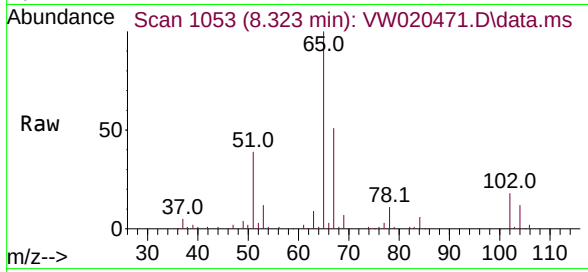




#33
Benzene
Concen: 0.958 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

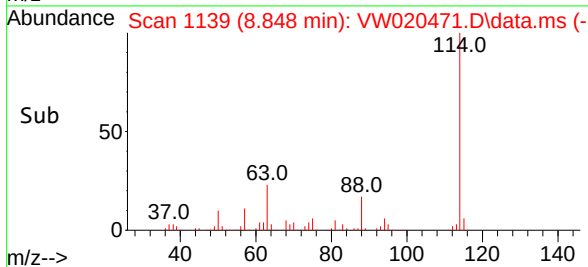
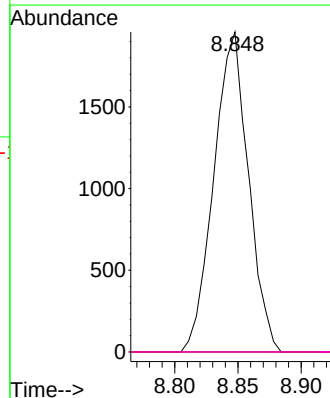
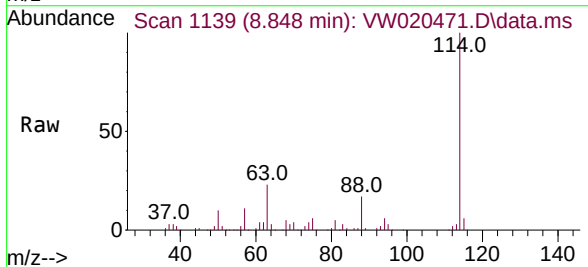
Instrument :
MSVOA_W
ClientSampled :
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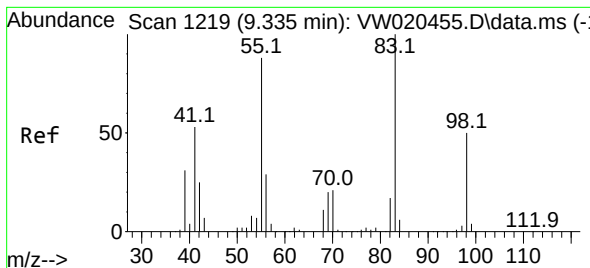
Tgt Ion: 78 Resp: 3414



#34
Trichloroethene
Concen: 4.242 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 95 Resp: 3725
Ion Ratio Lower Upper
95 100
97 0.0 43.2 80.2#
132 0.0 62.3 115.7#
130 0.0 66.1 122.7#

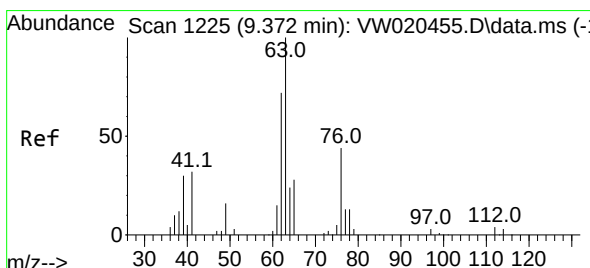
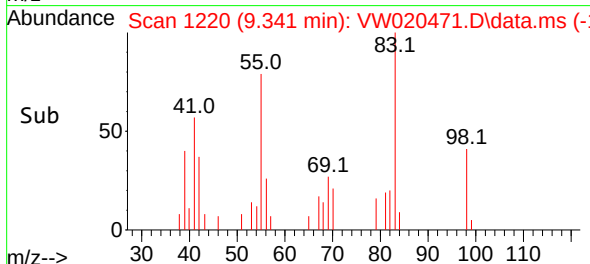
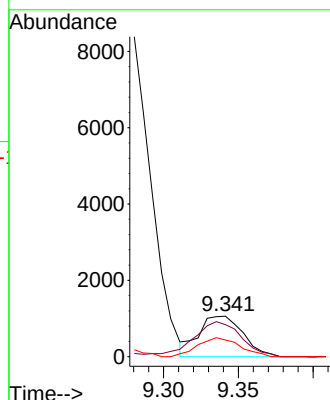
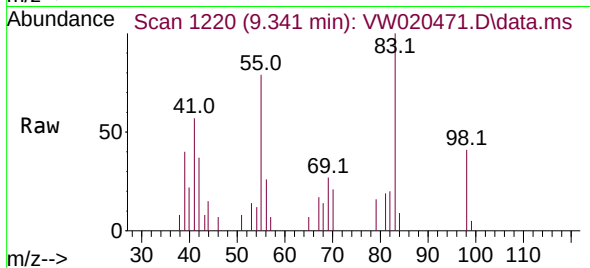




#35
Methylcyclohexane
Concen: 1.455 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

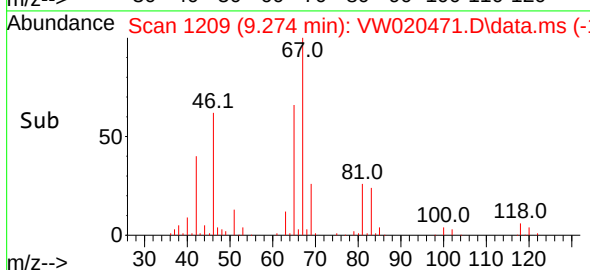
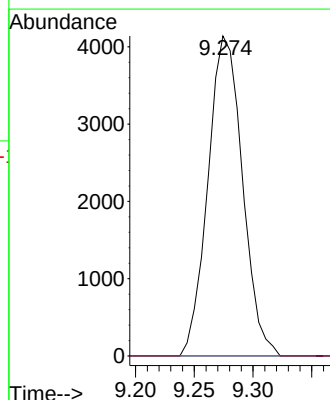
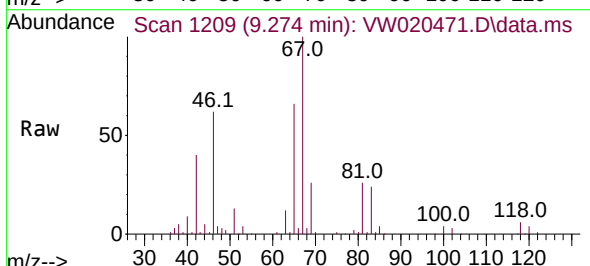
Instrument :
MSVOA_W
ClientSampleId :
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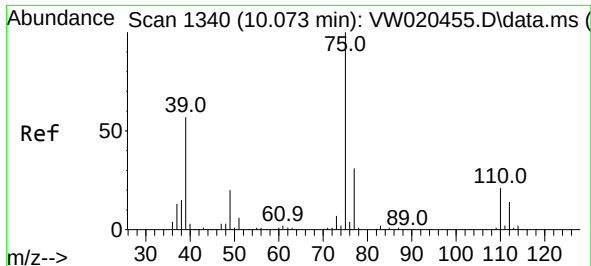
Tgt Ion:	83	Resp:	2186
Ion	Ratio	Lower	Upper
83	100		
55	93.8	69.7	104.5
98	44.5	38.2	57.2



#37
1,2-Dichloropropane
Concen: 9.172 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Tgt Ion:	63	Resp:	8466
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

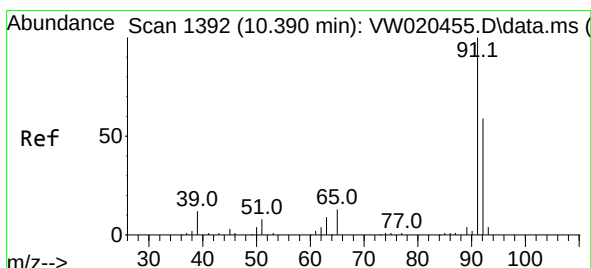
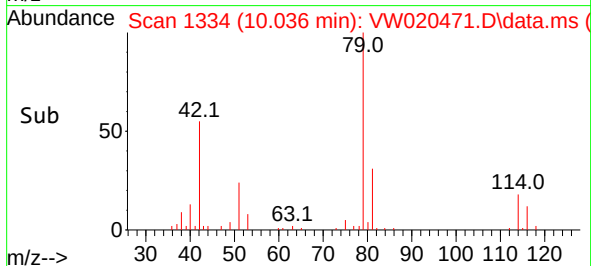
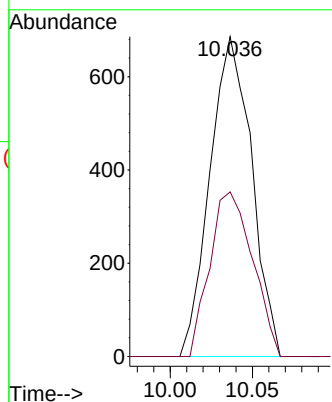
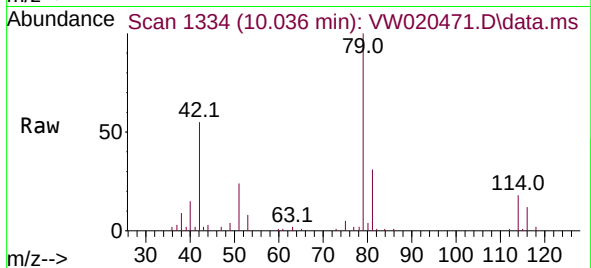




#39
 cis-1,3-Dichloropropene
 Concen: 0.949 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW020471.D
 Acq: 13 Oct 2021 19:29

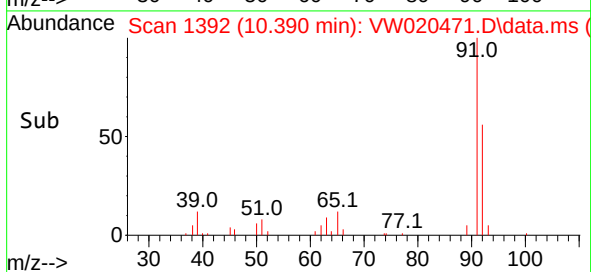
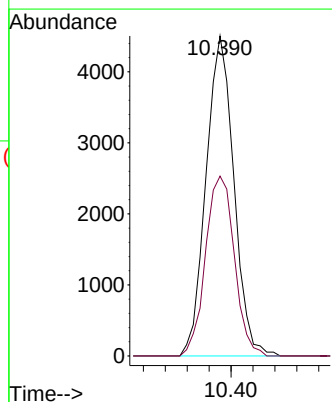
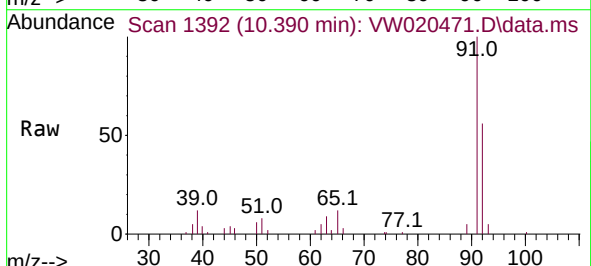
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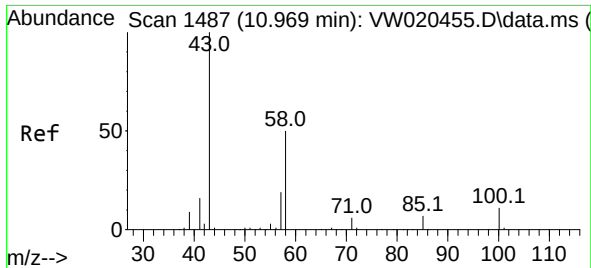
Tgt Ion: 75 Resp: 1209
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.4 41.6#



#42
 Toluene
 Concen: 2.225 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VW020471.D
 Acq: 13 Oct 2021 19:29

Tgt Ion: 91 Resp: 7954
 Ion Ratio Lower Upper
 91 100
 92 56.2 41.5 77.1

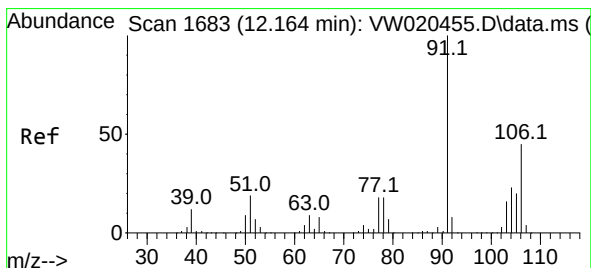
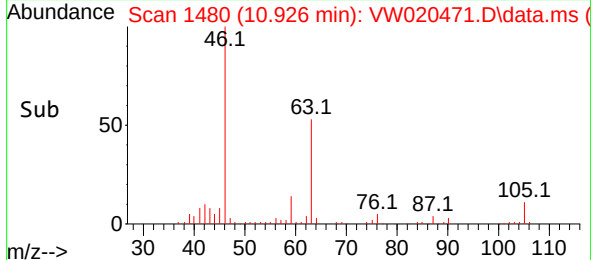
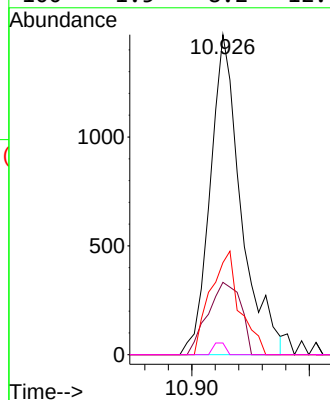
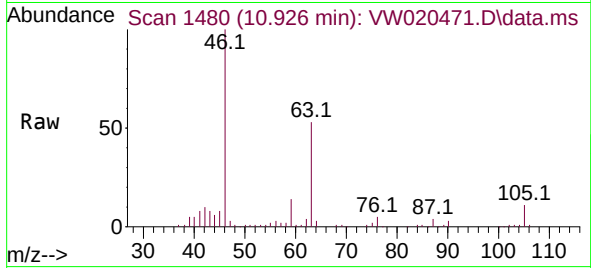




#48
2-Hexanone
Concen: 6.588 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

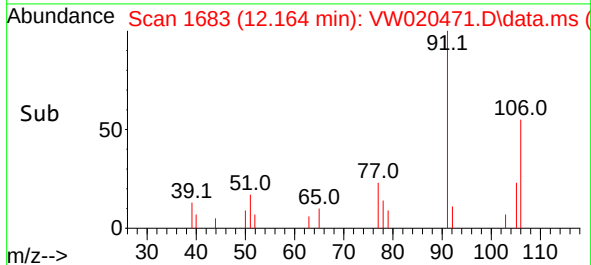
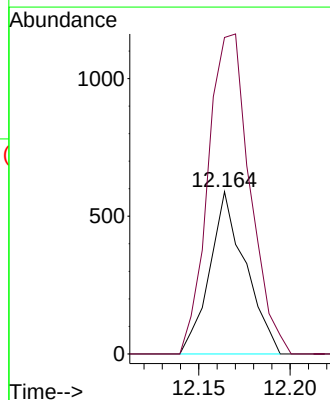
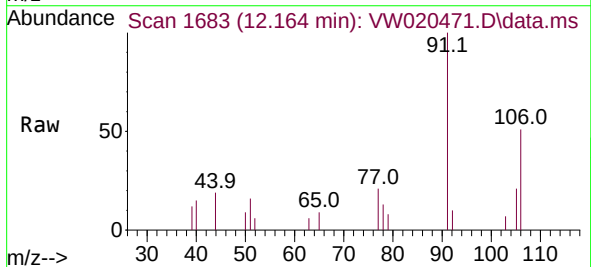
Instrument :
MSVOA_W
ClientSampled :
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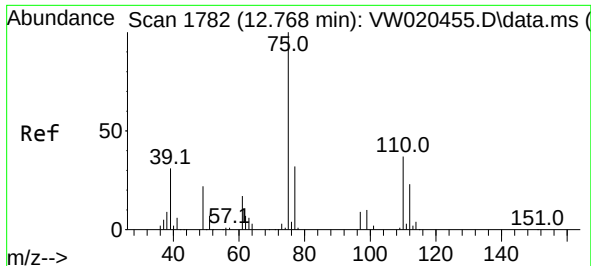
Tgt Ion: 43	Resp: 2678
Ion Ratio	Lower Upper
43 100	
58 24.2	39.5 59.3#
57 31.0	14.2 21.4#
100 1.5	8.2 12.4#



#54
o-Xylene
Concen: 0.606 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 106	Resp: 804
Ion Ratio	Lower Upper
106 100	
91 195.1	156.1 289.9

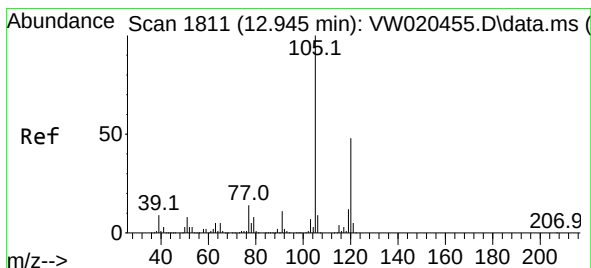
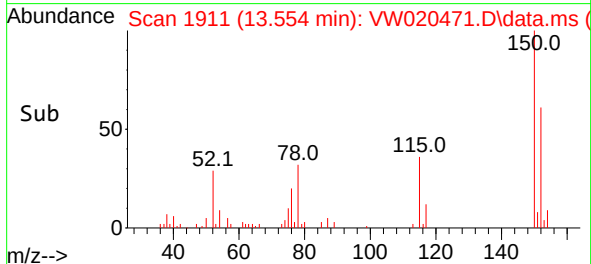
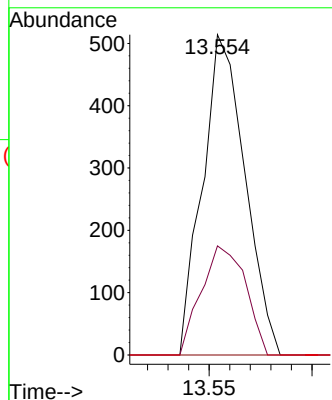
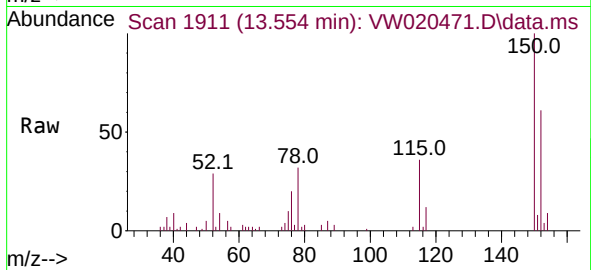




#61
1,2,3-Trichloropropane
Concen: 5.787 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

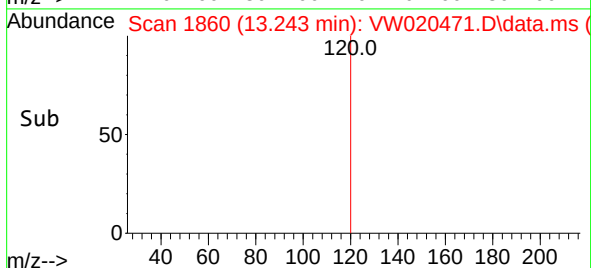
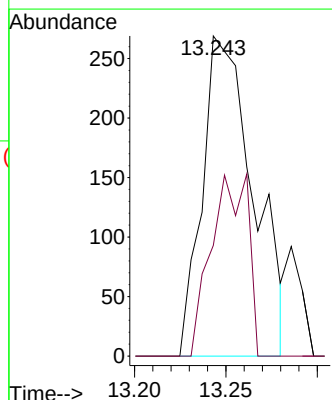
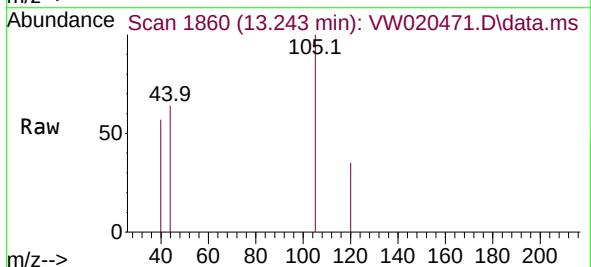
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C0AZ2

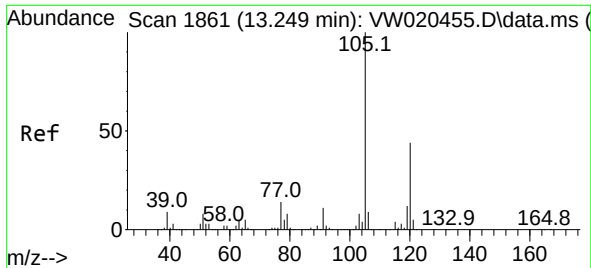
Tgt Ion: 75 Resp: 737
Ion Ratio Lower Upper
75 100
77 35.4 25.1 37.7
110 0.0 29.4 44.0#



#62
1,3,5-Trimethylbenzene
Concen: 0.756 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. 0.299 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 105 Resp: 524
Ion Ratio Lower Upper
105 100
120 40.8 37.9 56.9

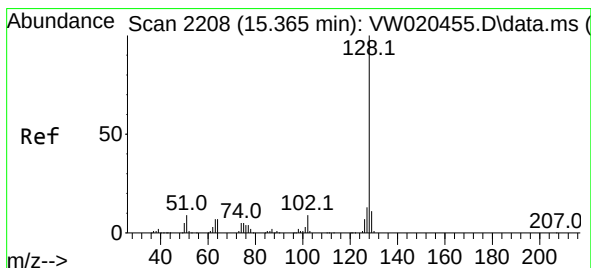
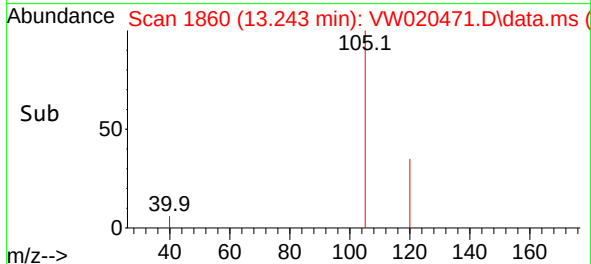
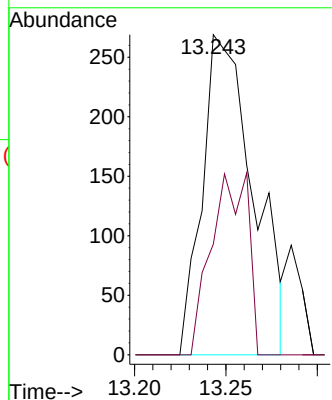
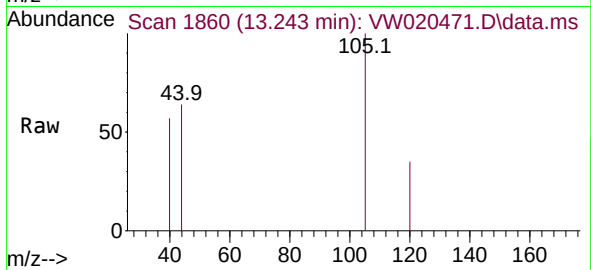




#63
1,2,4-Trimethylbenzene
Concen: 0.764 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Instrument :
MSVOA_W
ClientSampleId :
C0AZ2

Tgt Ion:105 Resp: 524
Ion Ratio Lower Upper
105 100
120 40.8 35.4 53.2



#71
Naphthalene
Concen: 0.875 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Tgt Ion:128 Resp: 326
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

