

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020175.D
 Acq On : 24 Sep 2021 04:11
 Operator : SY/VA
 Sample : M3874-22
 Misc : 3.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 04:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	393574	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	328721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	89846	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115704	14.370	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	57.480%	
7) Chloroethane-d5	2.897	69	100724	16.606	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	66.440%	
11) 1,1-Dichloroethene-d2	4.025	63	156420	12.408	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	49.640%	
21) 2-Butanone-d5	7.080	46	33186	26.710	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	53.420%	
24) Chloroform-d	7.659	84	220846	17.842	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	71.360%	
26) 1,2-Dichloroethane-d4	8.311	65	116172	17.439	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	69.760%#	
32) Benzene-d6	8.281	84	417762	19.920	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	79.680%	
36) 1,2-Dichloropropane-d6	9.280	67	125228	20.633	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	82.520%	
41) Toluene-d8	10.323	98	385742	20.215	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	80.840%	
43) trans-1,3-Dichloroprop...	10.579	79	42087	16.224	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	64.880%	
47) 2-Hexanone-d5	10.926	63	29879	35.573	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	71.140%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	72665	15.521	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	62.080%	
66) 1,2-Dichlorobenzene-d4	13.853	152	59869	17.771	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	71.080%#	
Target Compounds						Qvalue
13) Acetone	4.129	43	31723	29.811	ug/L	99
14) Carbon disulfide	4.397	76	6202	0.378	ug/L	97
16) Methylene chloride	4.921	84	22940	3.303	ug/L	97
22) 2-Butanone	7.177	43	14068	10.190	ug/L #	69
29) Cyclohexane	7.964	56	3446	0.471	ug/L	97
33) Benzene	8.329	78	9284	0.468	ug/L	100
35) Methylcyclohexane	9.341	83	50897	5.882	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	3102	0.428	ug/L #	67
42) Toluene	10.390	91	11163	0.530	ug/L	95
48) 2-Hexanone	10.939	43	52312	30.345	ug/L #	27
51) Chlorobenzene	11.658	112	4761	0.347	ug/L	92
53) m,p-Xylene	11.847	106	53868	6.086	ug/L	99
62) 1,3,5-Trimethylbenzene	13.249	105	2428353	245.620	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	2428353	250.037	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.206	75	1000	2.626	ug/L #	6

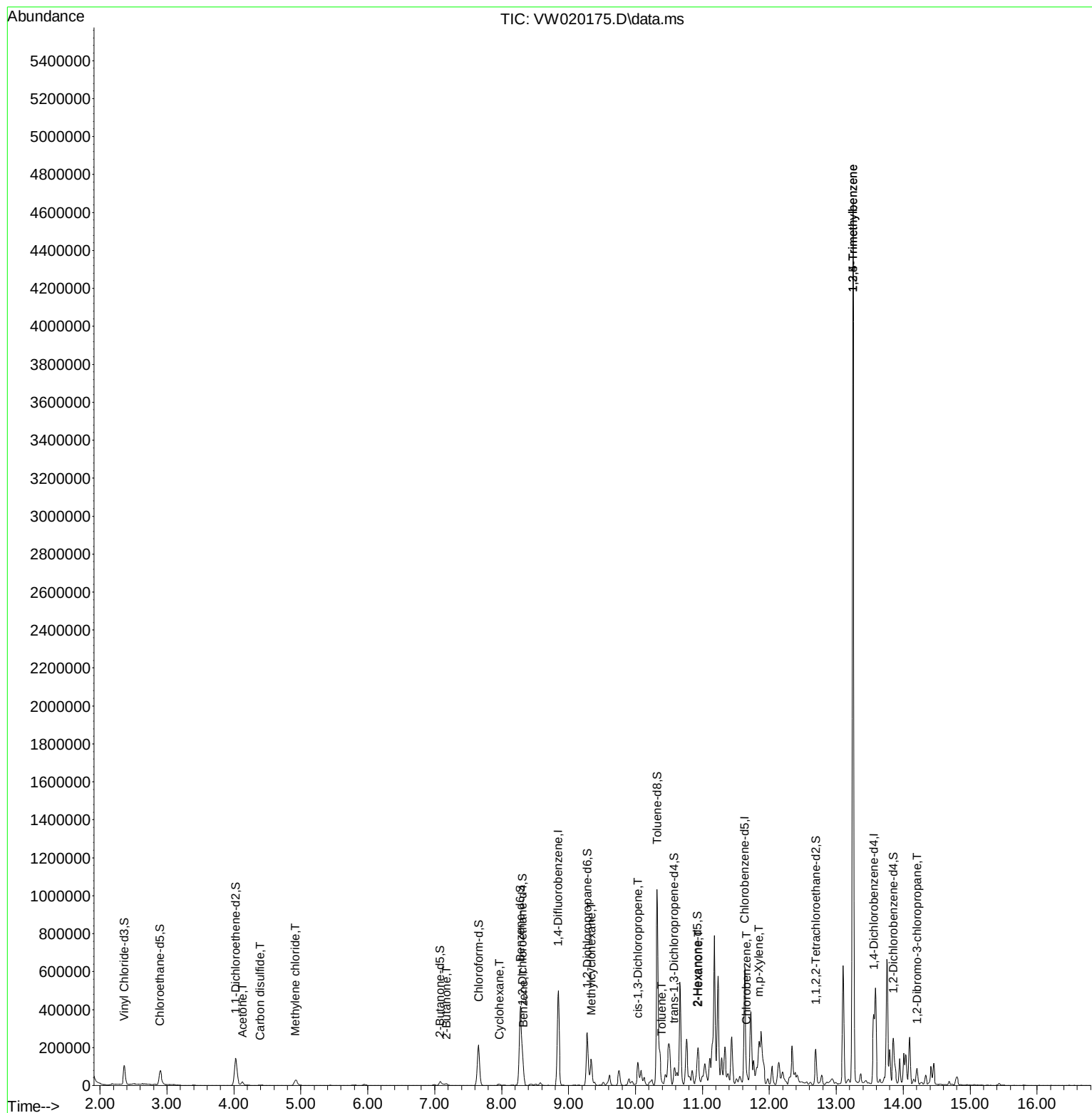
(#) = qualifier out of range (m) = manual integration (+) = signals summed

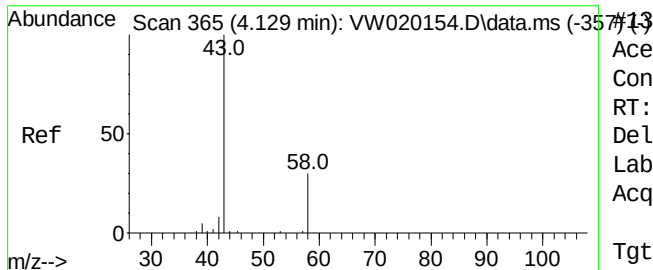
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 24 02:49:39 2021
Response via : Initial Calibration

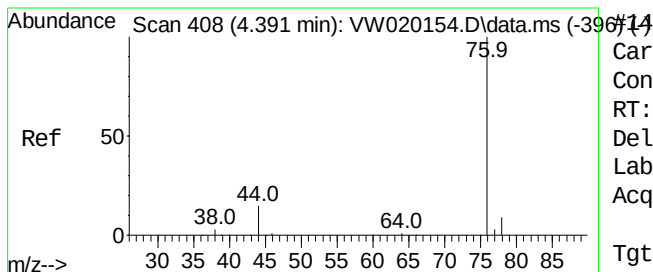
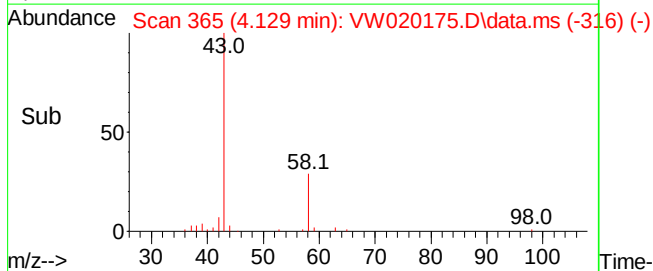
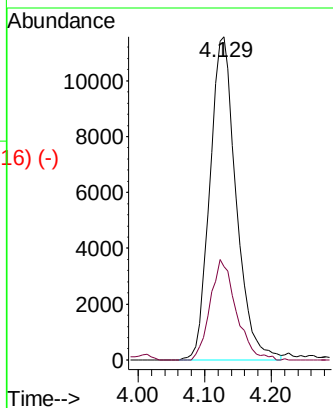
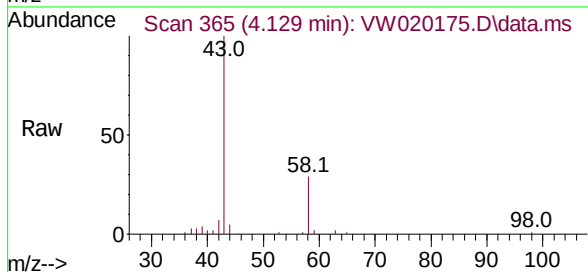




Acetone
Concen: 29.811 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

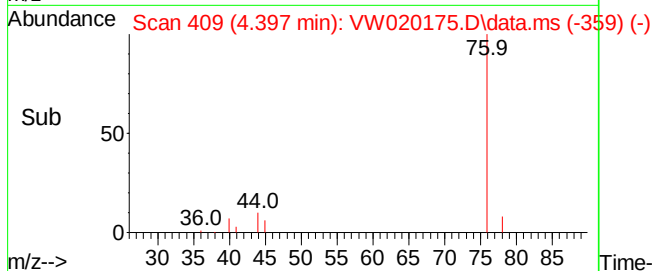
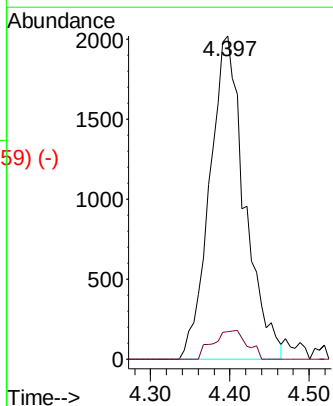
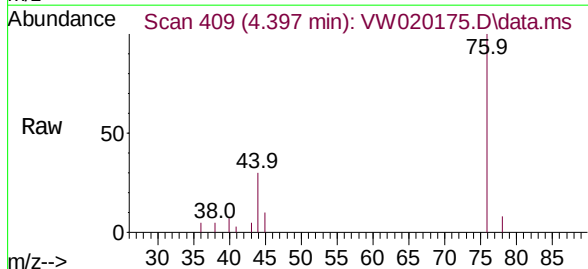
Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 43 Resp: 31723
Ion Ratio Lower Upper
43 100
58 30.2 0.0 61.6



Carbon disulfide
Concen: 0.378 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

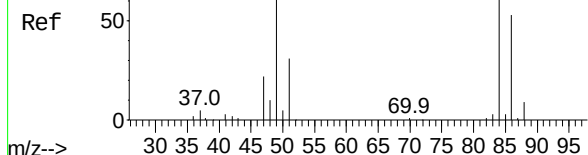
Tgt Ion: 76 Resp: 6202
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



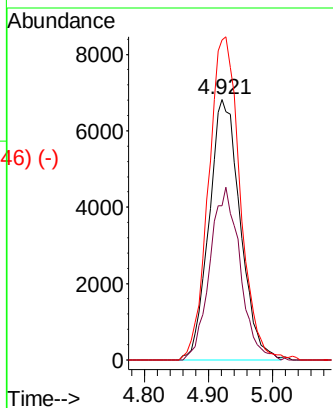
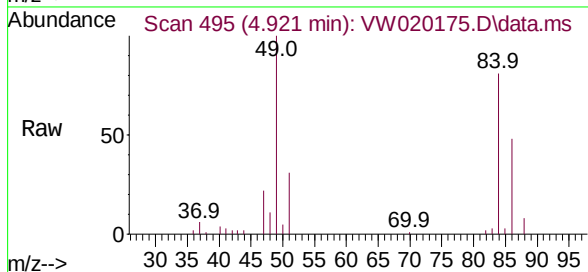
Abundance Scan 495 (4.921 min): VW020154.D\data.ms (-482) #16

Methylene chloride
Concen: 3.303 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

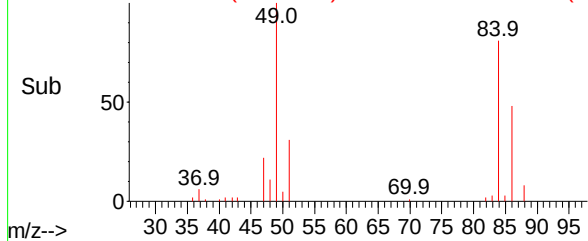
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	84	Resp:	22940
Ion	Ratio	Lower	Upper
84	100		
86	59.1	42.6	79.0
49	122.9	83.4	154.8



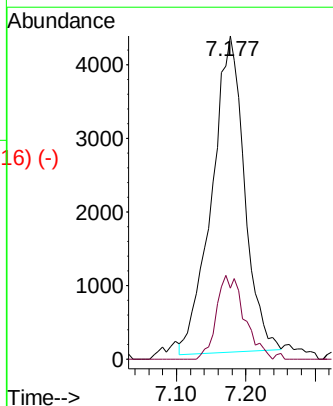
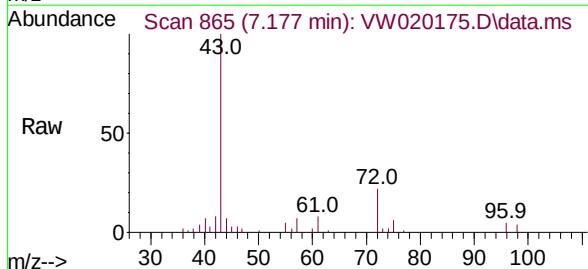
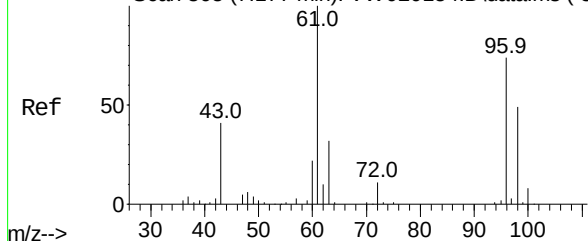
Abundance Scan 495 (4.921 min): VW020175.D\data.ms (-446) (-)



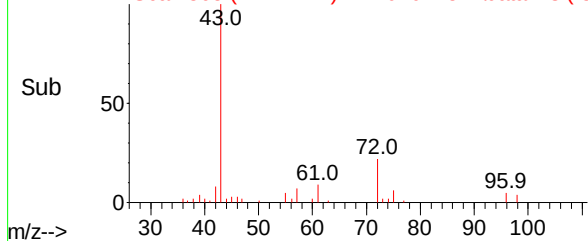
Abundance Scan 865 (7.177 min): VW020154.D\data.ms (-854) #22

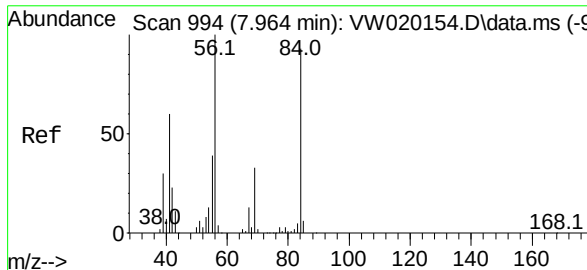
2-Butanone
Concen: 10.190 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion:	43	Resp:	14068
Ion	Ratio	Lower	Upper
43	100		
72	11.8	14.1	42.2#



Abundance Scan 865 (7.177 min): VW020175.D\data.ms (-816) (-)

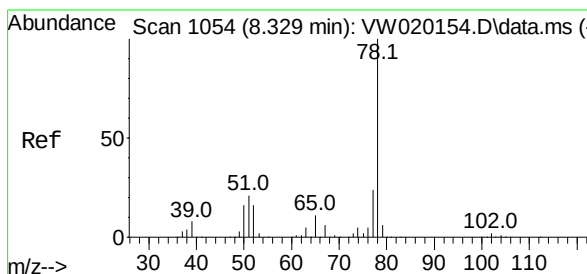
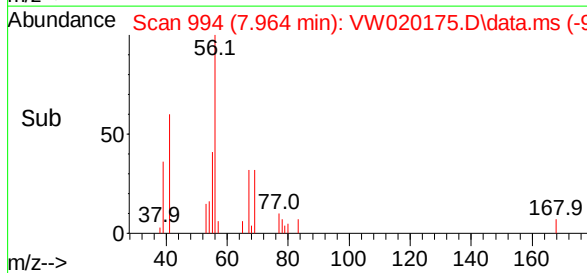
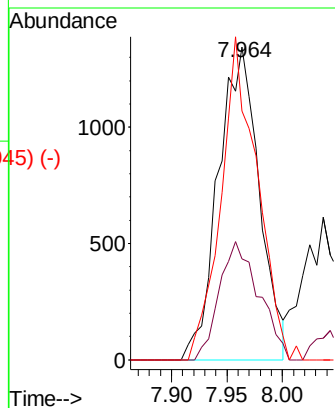
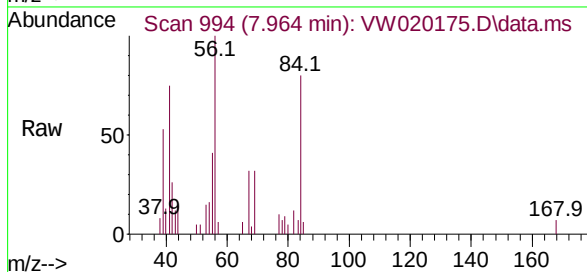




#29
Cyclohexane
Concen: 0.471 ug/L
RT: 7.964 min Scan# 994
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

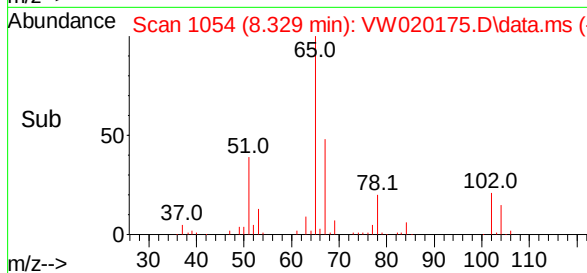
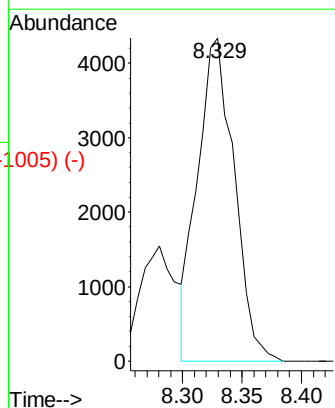
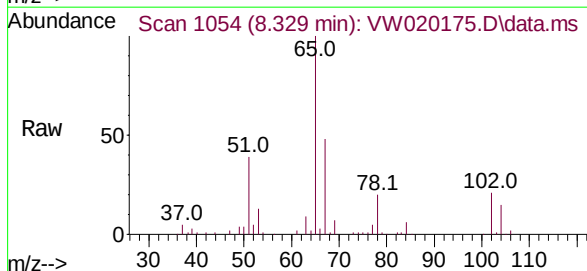
Instrument :
MSVOA_W
ClientSampled :

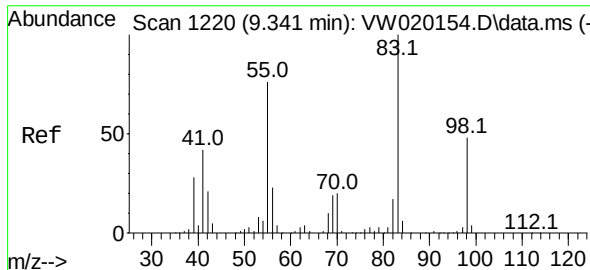
Tgt Ion: 56 Resp: 3446
Ion Ratio Lower Upper
56 100
69 36.6 25.7 38.5
84 90.8 73.4 110.2



#33
Benzene
Concen: 0.468 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion: 78 Resp: 9284

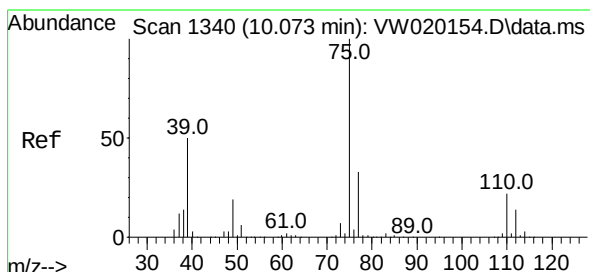
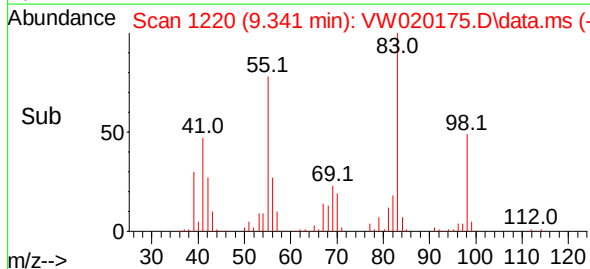
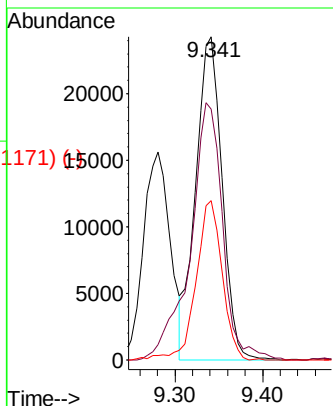
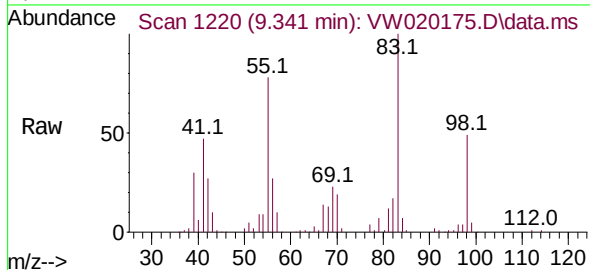




Methylcyclohexane
Concen: 5.882 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

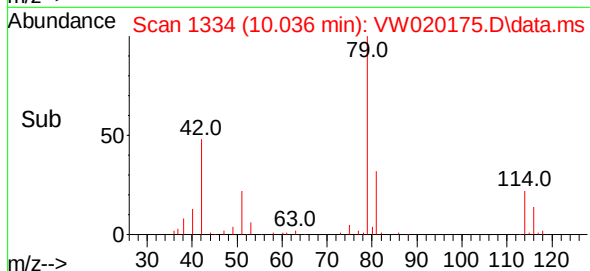
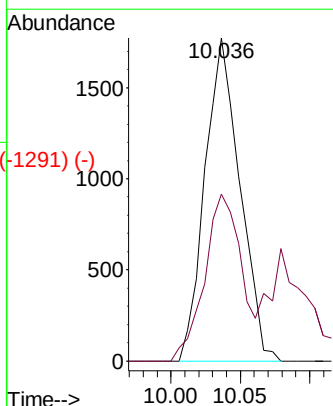
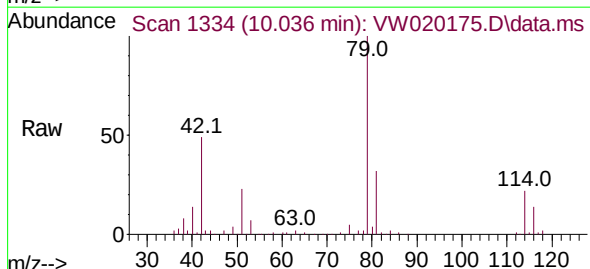
Instrument :
MSVOA_W
ClientSampled :

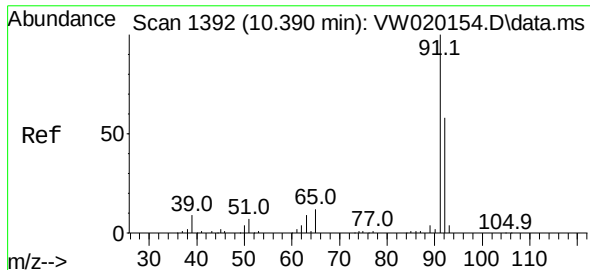
Tgt Ion:	83	Resp:	50897
Ion	Ratio	Lower	Upper
83	100		
55	94.5	61.4	92.2#
98	47.6	38.1	57.1



cis-1,3-Dichloropropene
Concen: 0.428 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion:	75	Resp:	3102
Ion	Ratio	Lower	Upper
75	100		
77	51.6	23.0	42.6#

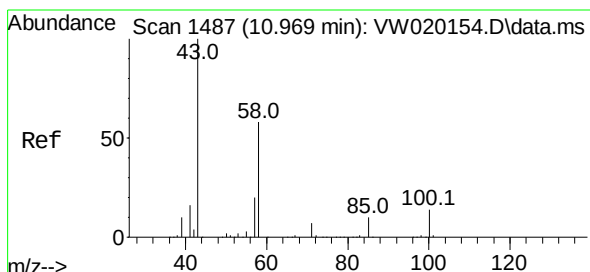
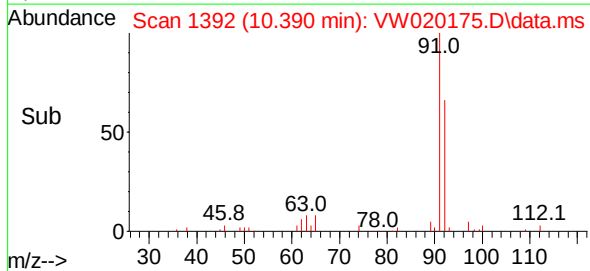
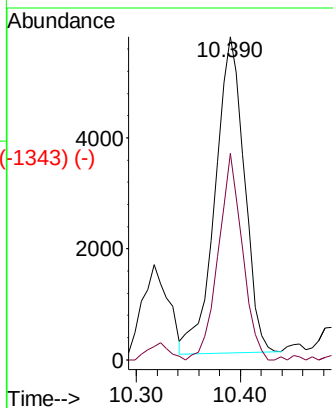
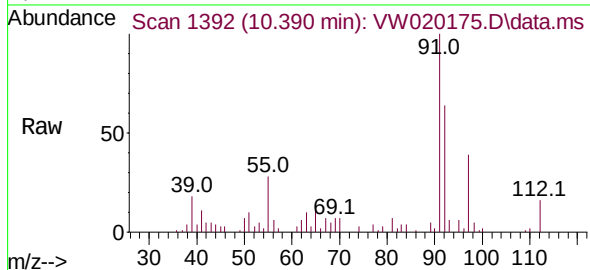




Toluene
Concen: 0.530 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

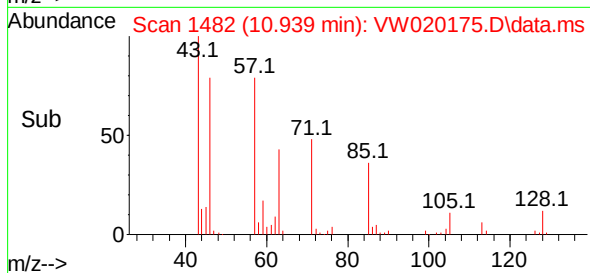
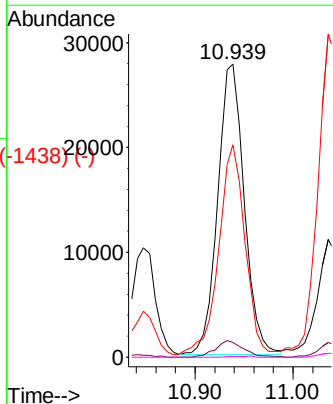
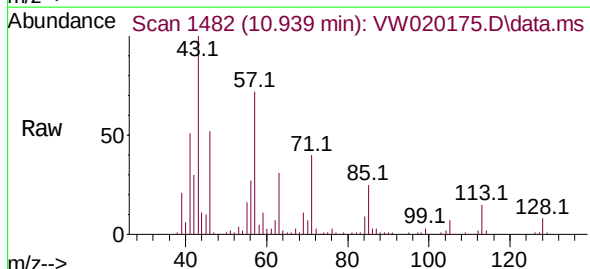
Instrument :
MSVOA_W
ClientSampled :

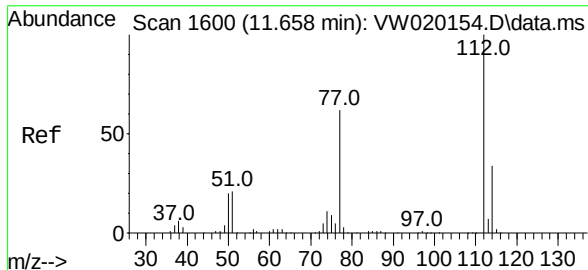
Tgt Ion: 91 Resp: 11163
Ion Ratio Lower Upper
91 100
92 63.9 42.2 78.4



2-Hexanone
Concen: 30.345 ug/L
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion: 43 Resp: 52312
Ion Ratio Lower Upper
43 100
58 5.8 43.8 65.6#
57 70.7 15.6 23.4#
100 0.2 10.5 15.7#

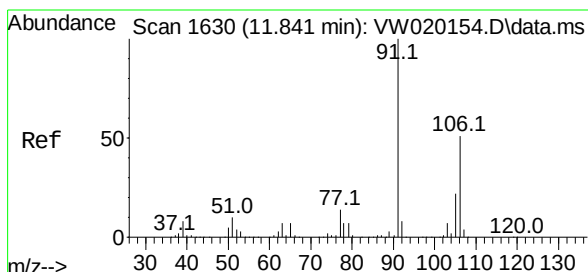
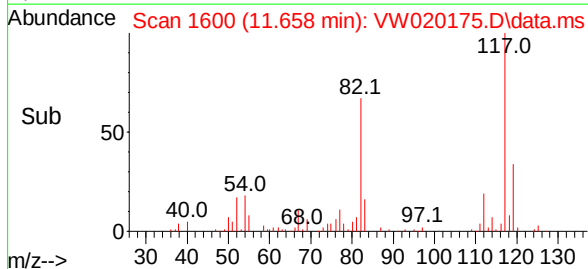
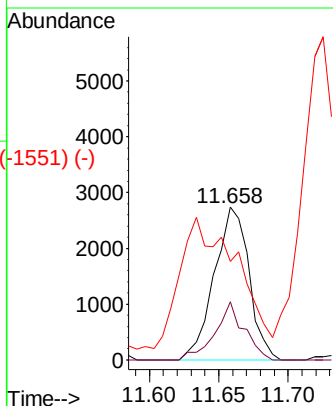
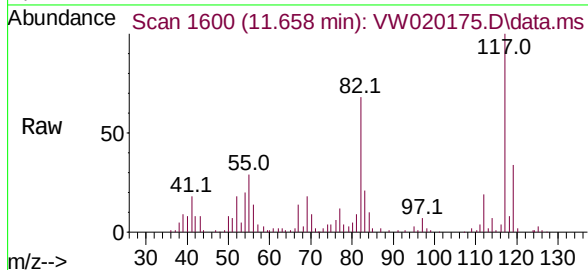




Chlorobenzene
 Concen: 0.347 ug/L
 RT: 11.658 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: VW020175.D
 Acq: 24 Sep 2021 04:11

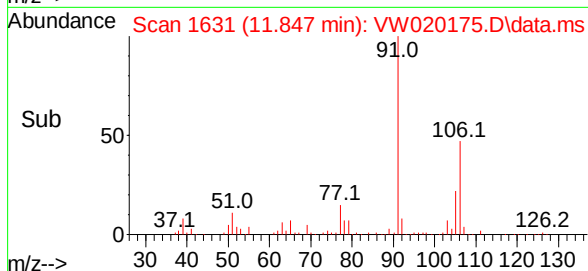
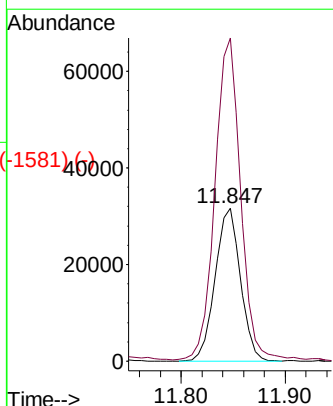
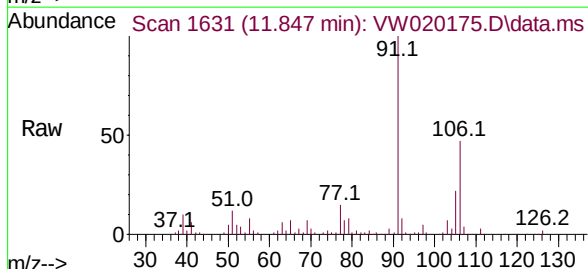
Instrument :
 MSVOA_W
 ClientSampled :

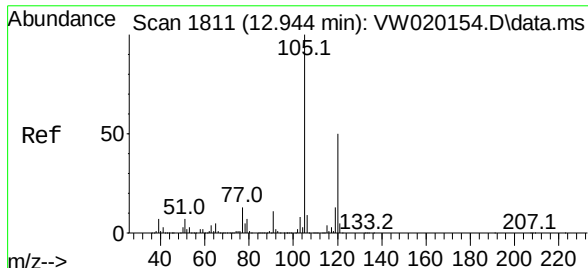
Tgt Ion:	112	Resp:	4761
Ion	Ratio	Lower	Upper
112	100		
114	38.3	21.9	40.7
77	64.4	48.0	72.0



m,p-Xylene
 Concen: 6.086 ug/L
 RT: 11.847 min Scan# 1631
 Delta R.T. 0.006 min
 Lab File: VW020175.D
 Acq: 24 Sep 2021 04:11

Tgt Ion:	106	Resp:	53868
Ion	Ratio	Lower	Upper
106	100		
91	211.3	146.4	271.8

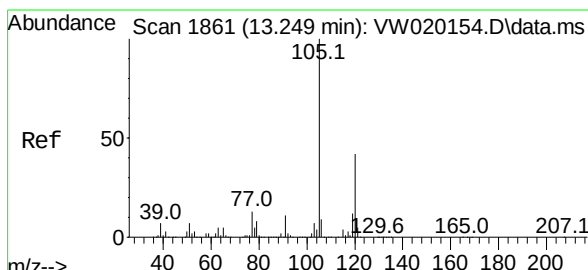
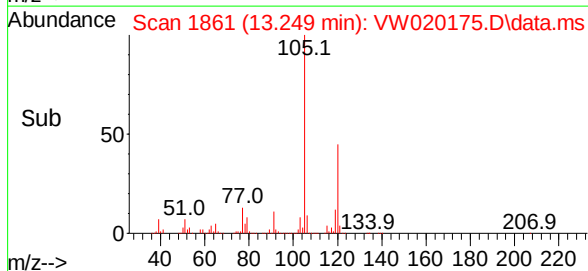
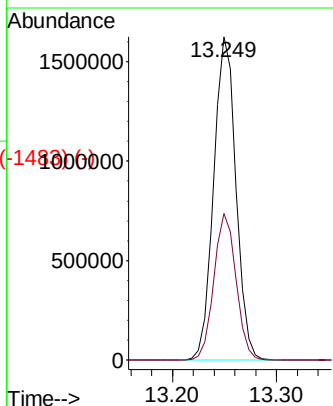
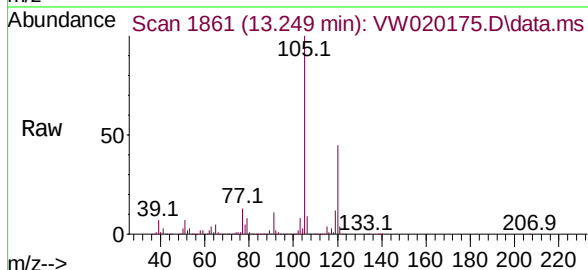




Scan 1811 (12.944 min): VW020154.D\data.ms (-1862) (-)
 1,3,5-Trimethylbenzene
 Concen: 245.620 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.305 min
 Lab File: VW020175.D
 Acq: 24 Sep 2021 04:11

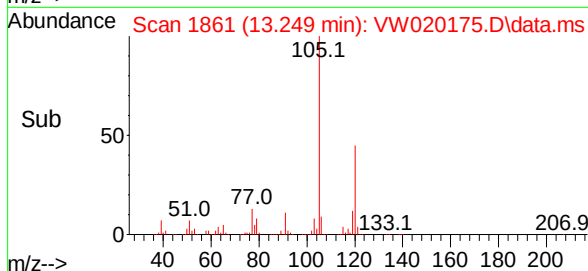
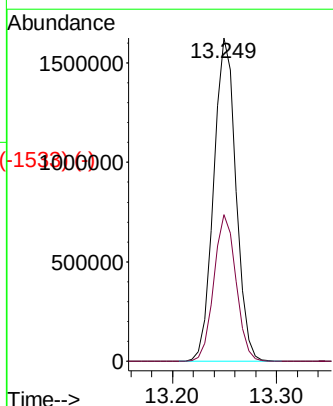
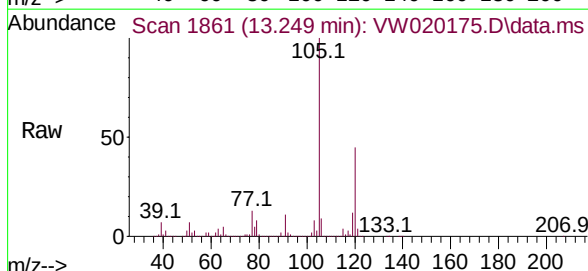
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 2428353
 Ion Ratio Lower Upper
 105 100
 120 45.1 38.0 57.0

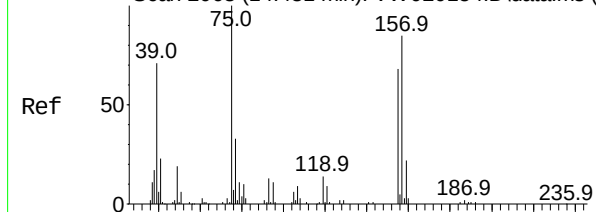


Scan 1861 (13.249 min): VW020154.D\data.ms (-1863) (-)
 1,2,4-Trimethylbenzene
 Concen: 250.037 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW020175.D
 Acq: 24 Sep 2021 04:11

Tgt Ion:105 Resp: 2428353
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.2 54.4



Abundance Scan 2063 (14.481 min): VW020154.D\data.ms (-2063) (-)

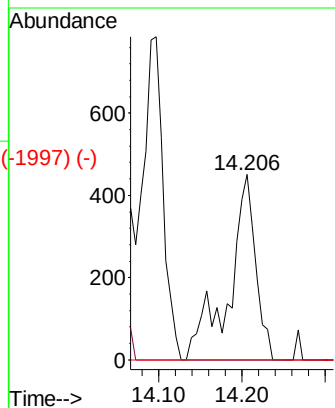
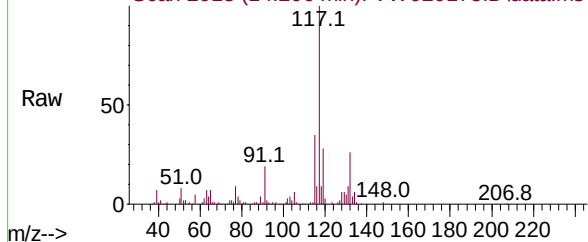


1,2-Dibromo-3-chloropropane
Concen: 2.626 ug/L
RT: 14.206 min Scan# 2018
Delta R.T. -0.274 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion:	75	Resp:	1000
Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.5	87.7#
157	0.0	77.4	116.0#

Instrument :
MSVOA_W
ClientSampleId :

Abundance Scan 2018 (14.206 min): VW020175.D\data.ms



Abundance Scan 2018 (14.206 min): VW020175.D\data.ms (-1997) (-)

