

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023452.D
 Acq On : 10 Jun 2022 17:29
 Operator : SY/VA
 Sample : N3226-14
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 11 00:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

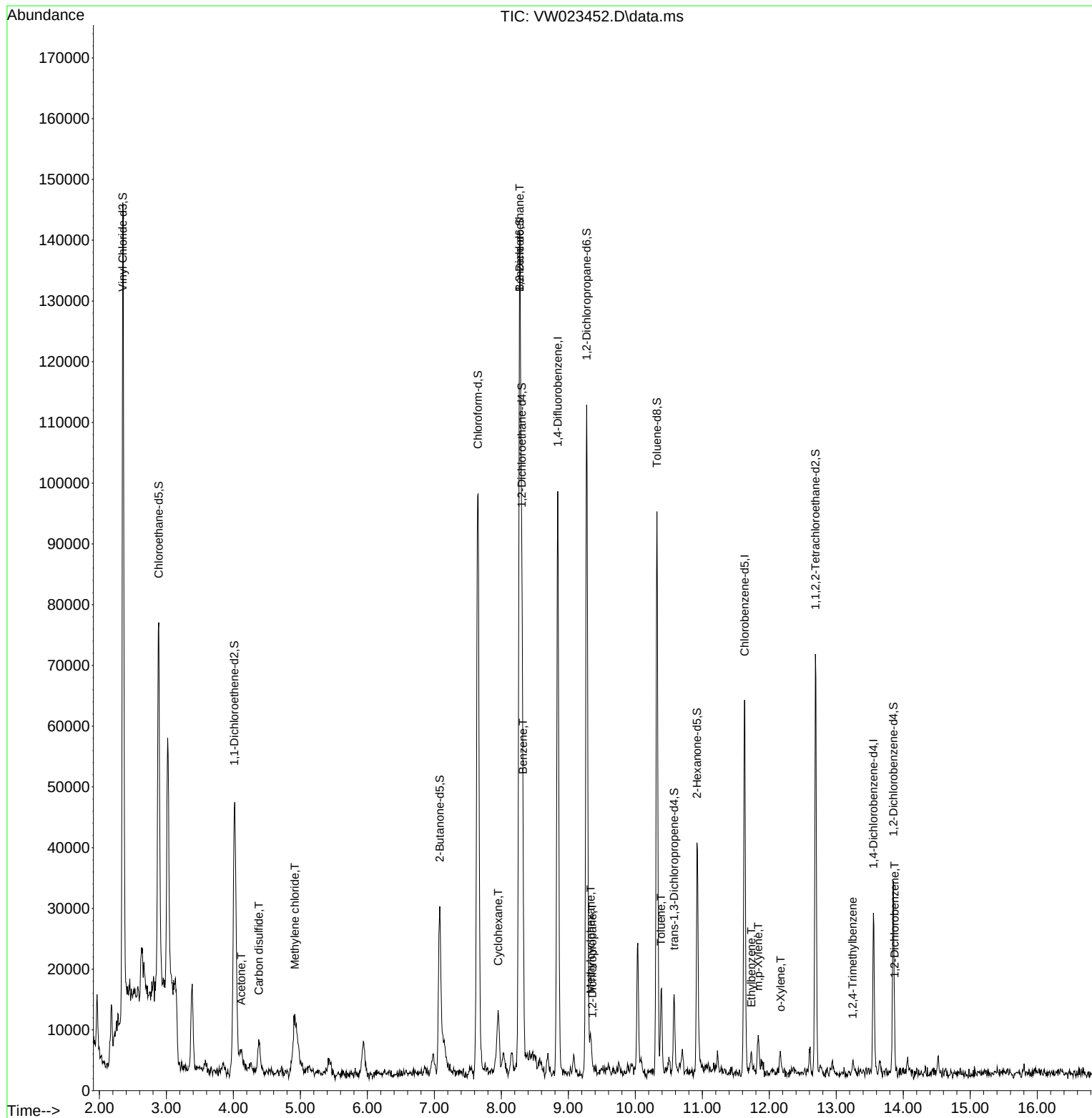
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	73851	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	31729	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	6022	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	97064	82.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 330.920%#	
7) Chloroethane-d5	2.885	69	71423	82.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 331.240%#	
11) 1,1-Dichloroethene-d2	4.013	63	45369	27.703	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.800%#	
21) 2-Butanone-d5	7.080	46	43934	183.401	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 366.800%#	
24) Chloroform-d	7.653	84	96292	47.366	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 189.480%#	
26) 1,2-Dichloroethane-d4	8.305	65	53574	48.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 195.720%#	
32) Benzene-d6	8.275	84	133723	79.485	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 317.960%#	
36) 1,2-Dichloropropane-d6	9.274	67	46354	93.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 374.080%#	
41) Toluene-d8	10.323	98	57283	34.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 139.440%#	
43) trans-1,3-Dichloroprop...	10.579	79	6932	30.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 122.560%	
47) 2-Hexanone-d5	10.921	63	11655	147.157	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 294.320%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31338	67.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 270.800%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	6916	31.814	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 127.240%#	
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	3492	20.233	ug/L	90
14) Carbon disulfide	4.379	76	10621	4.294	ug/L	97
16) Methylene chloride	4.916	84	6411	6.414	ug/L	86
27) 1,2-Dichloroethane	8.275	62	1152	0.905	ug/L	97
29) Cyclohexane	7.952	56	4330	6.775	ug/L #	90
33) Benzene	8.323	78	7838	4.276	ug/L	100
35) Methylcyclohexane	9.335	83	1050	1.320	ug/L #	58
37) 1,2-Dichloropropane	9.360	63	212	0.473	ug/L #	85
42) Toluene	10.384	91	9586	4.681	ug/L	88
52) Ethylbenzene	11.731	91	1838	0.790	ug/L	91
53) m,p-Xylene	11.835	106	1519	1.677	ug/L	82
54) o-Xylene	12.170	106	809	0.935	ug/L #	43
63) 1,2,4-Trimethylbenzene	13.243	105	1070	1.517	ug/L	86
67) 1,2-Dichlorobenzene	13.871	146	234	0.668	ug/L #	23

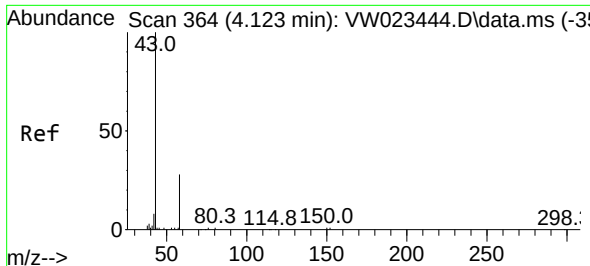
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

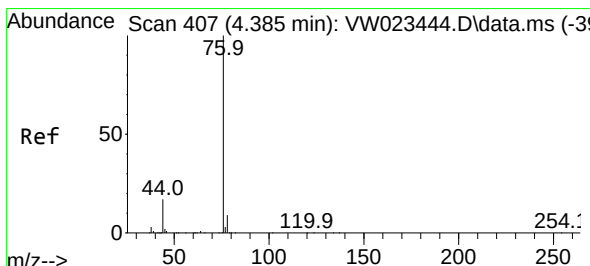
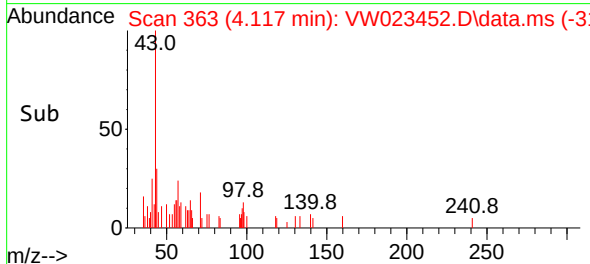
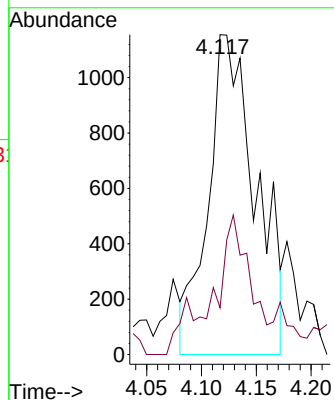
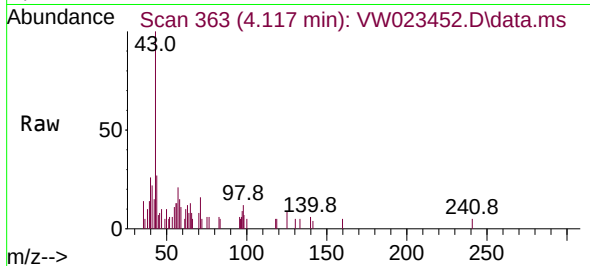




#13
Acetone
Concen: 20.233 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

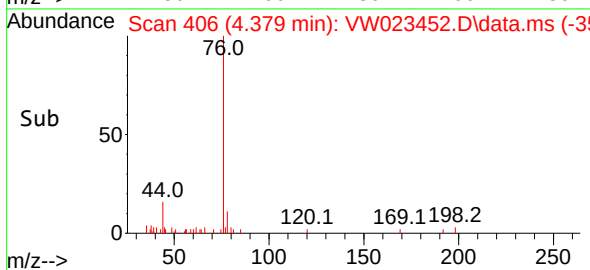
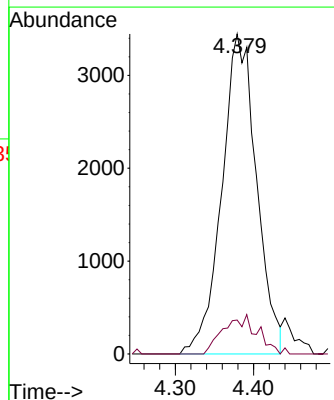
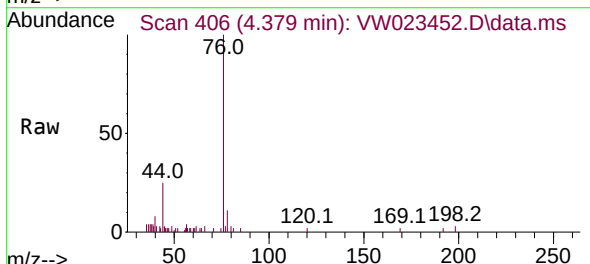
Instrument :
MSVOA_W
ClientSampleId :

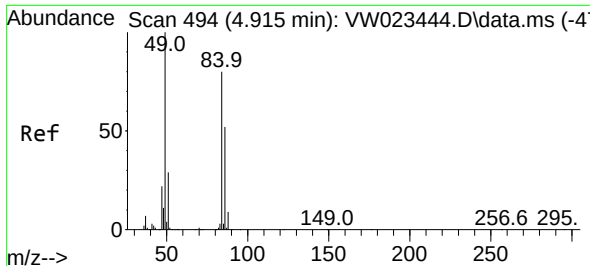
Tgt Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
58 26.5 0.0 64.0



#14
Carbon disulfide
Concen: 4.294 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

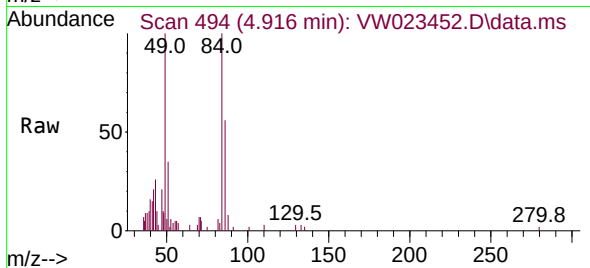
Tgt Ion: 76 Resp: 10621
Ion Ratio Lower Upper
76 100
78 10.6 7.7 11.5



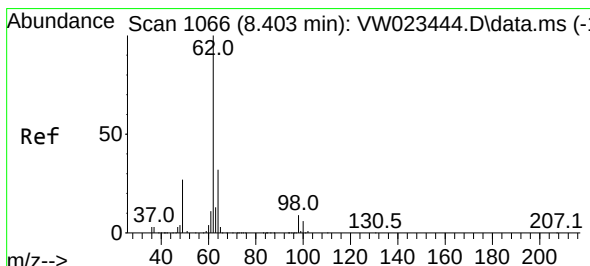
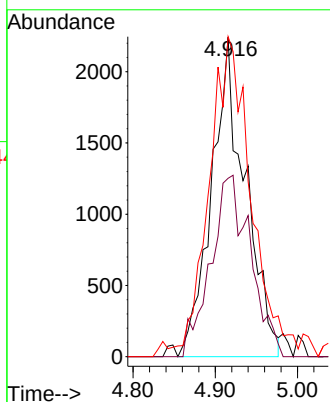
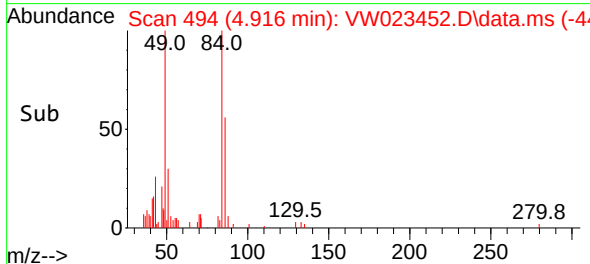


#16
Methylene chloride
Concen: 6.414 ug/L
RT: 4.916 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

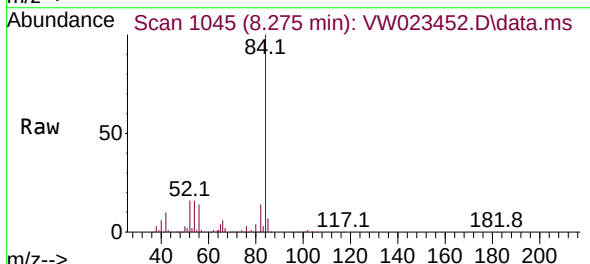
Instrument :
MSVOA_W
ClientSampleId :



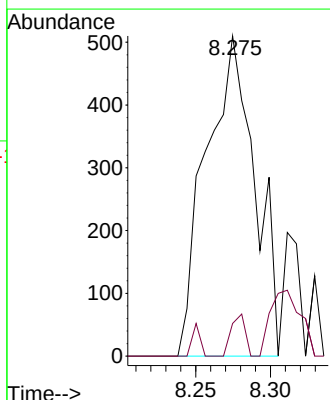
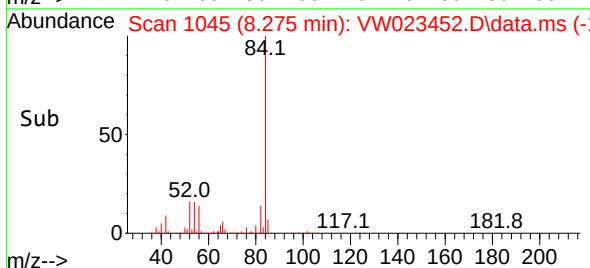
Tgt Ion: 84 Resp: 6411
Ion Ratio Lower Upper
84 100
86 55.8 45.4 84.4
49 100.1 82.5 153.1

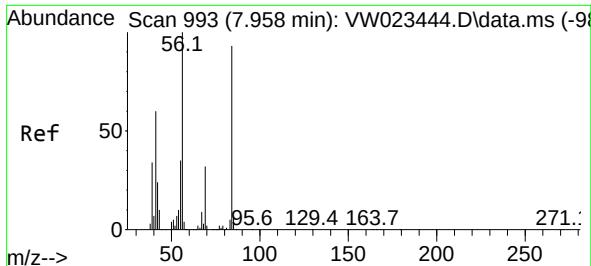


#27
1,2-Dichloroethane
Concen: 0.905 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.128 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29



Tgt Ion: 62 Resp: 1152
Ion Ratio Lower Upper
62 100
98 10.2 7.2 10.8





#29

Cyclohexane

Concen: 6.775 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

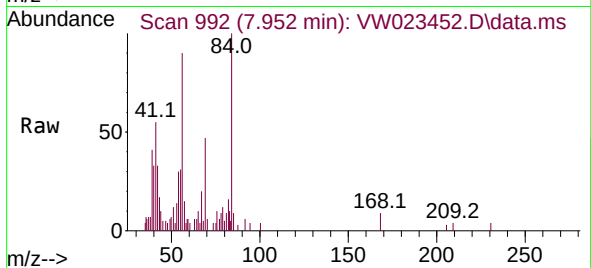
Lab File: VW023452.D

Acq: 10 Jun 2022 17:29

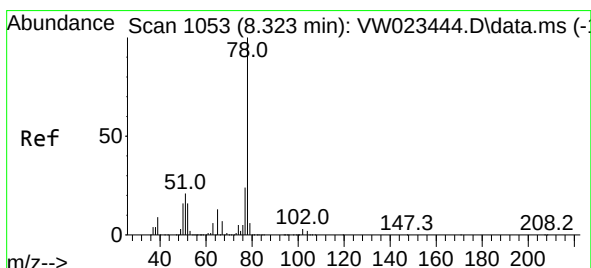
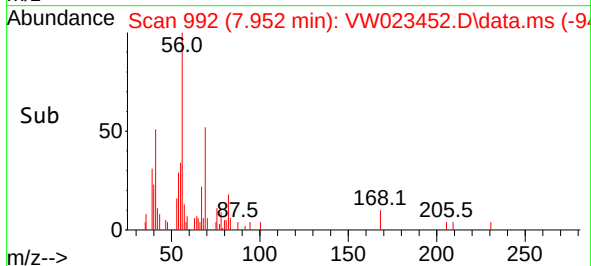
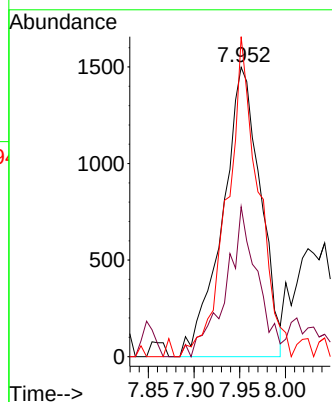
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	4330
Ion Ratio	Lower	Upper	
56	100		
69	42.5	25.6	38.4
84	90.8	78.2	117.4



#33

Benzene

Concen: 4.276 ug/L

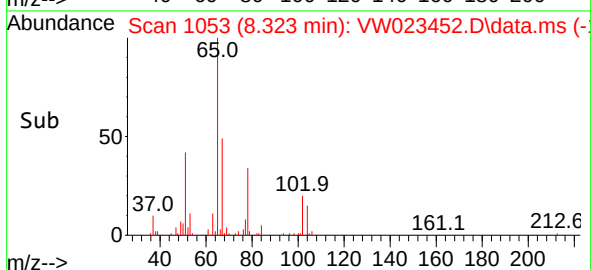
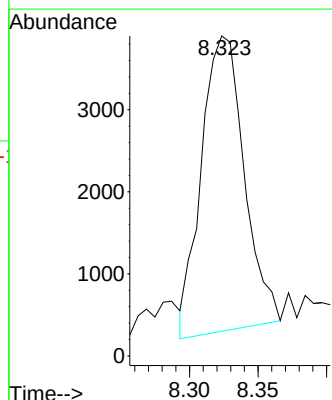
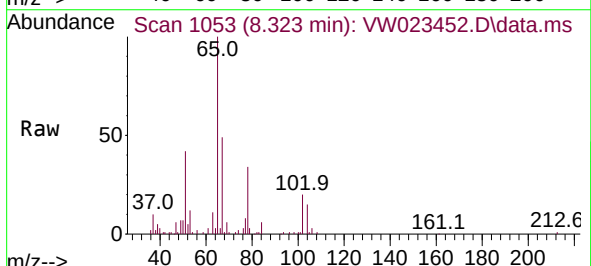
RT: 8.323 min Scan# 1053

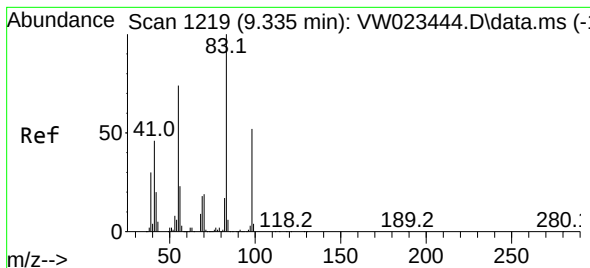
Delta R.T. 0.000 min

Lab File: VW023452.D

Acq: 10 Jun 2022 17:29

Tgt Ion: 78 Resp: 7838

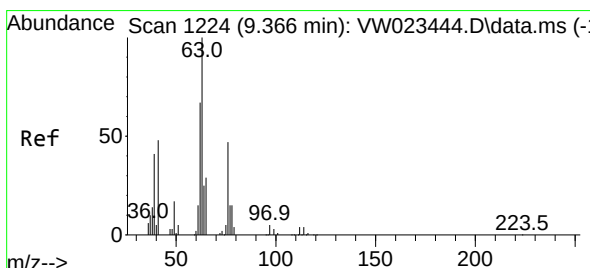
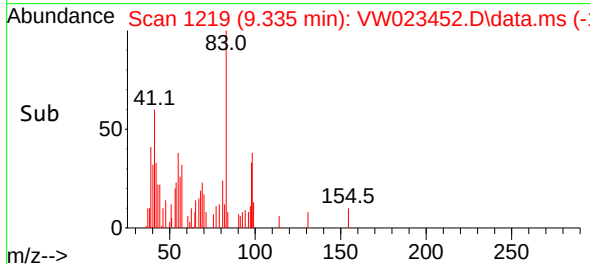
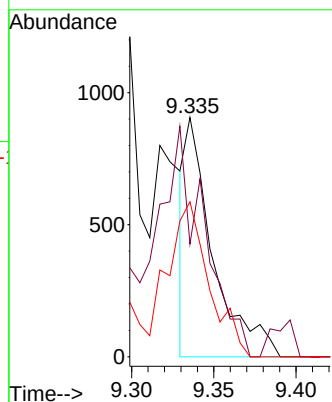
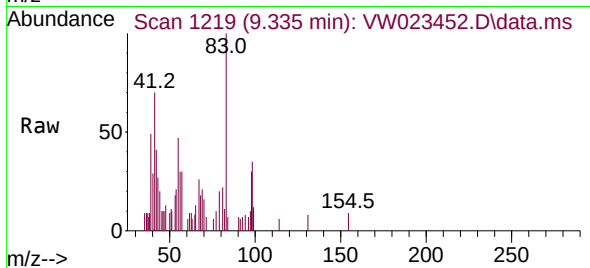




#35
Methylcyclohexane
Concen: 1.320 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

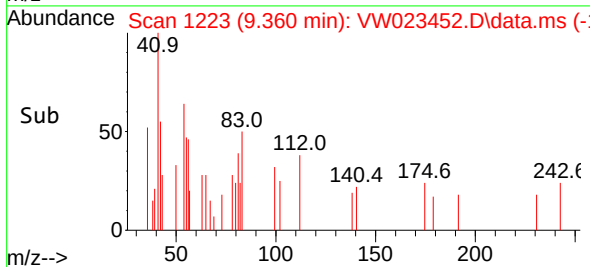
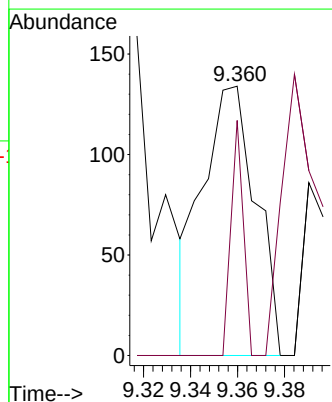
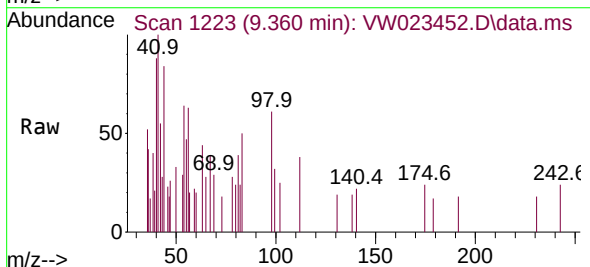
Instrument :
MSVOA_W
ClientSampleId :

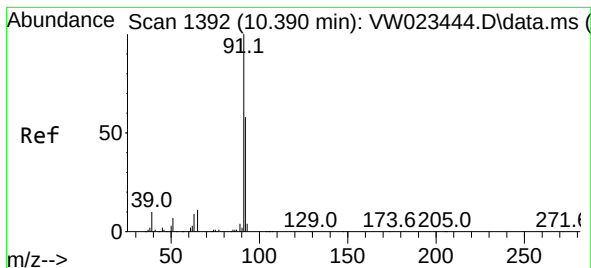
Tgt Ion: 83 Resp: 1050
Ion Ratio Lower Upper
83 100
55 49.7 55.1 82.7#
98 97.0 40.4 60.6#



#37
1,2-Dichloropropane
Concen: 0.473 ug/L
RT: 9.360 min Scan# 1223
Delta R.T. -0.006 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

Tgt Ion: 63 Resp: 212
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

Toluene

Concen: 4.681 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW023452.D

Acq: 10 Jun 2022 17:29

Instrument :

MSVOA_W

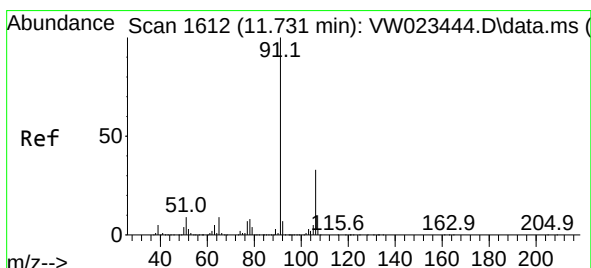
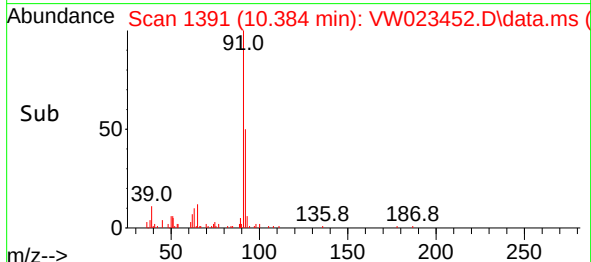
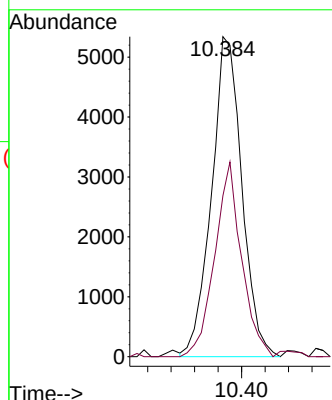
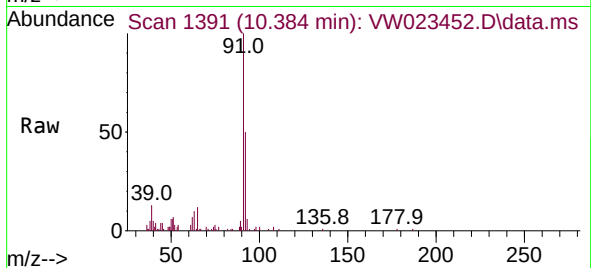
ClientSampleId :

Tgt Ion: 91 Resp: 9586

Ion Ratio Lower Upper

91 100

92 50.3 41.6 77.2



#52

Ethylbenzene

Concen: 0.790 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW023452.D

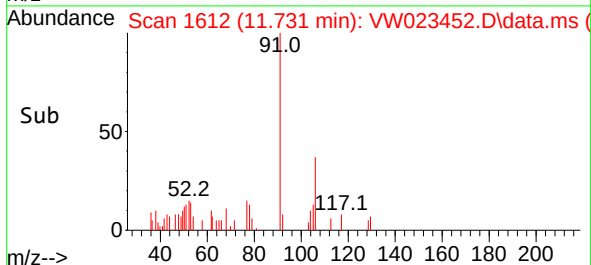
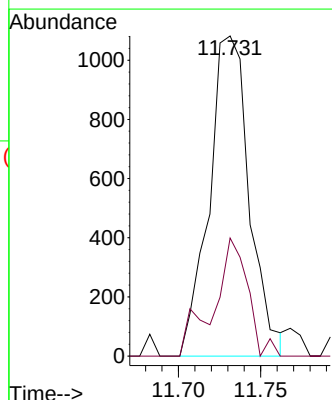
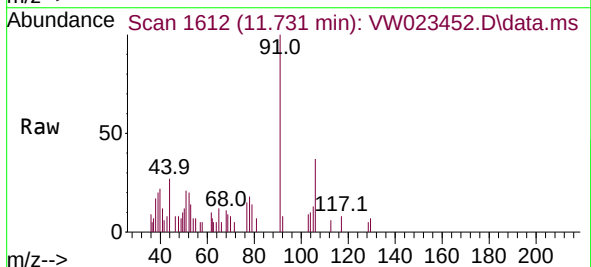
Acq: 10 Jun 2022 17:29

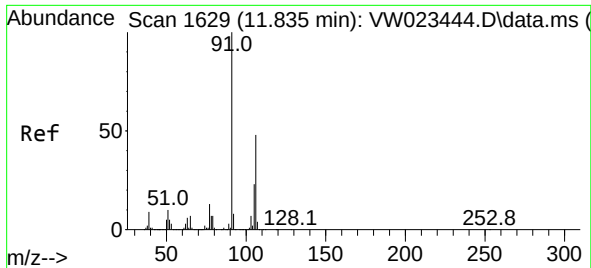
Tgt Ion: 91 Resp: 1838

Ion Ratio Lower Upper

91 100

106 36.9 22.3 41.3

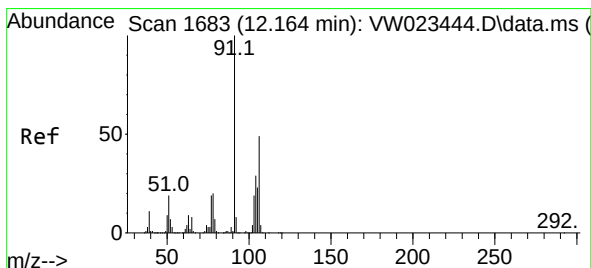
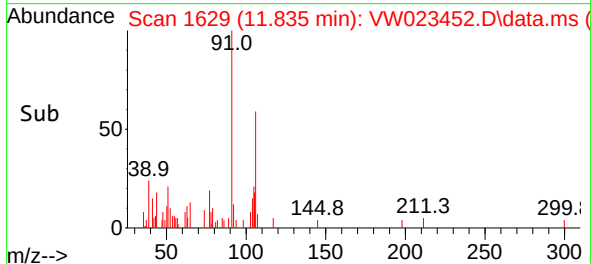
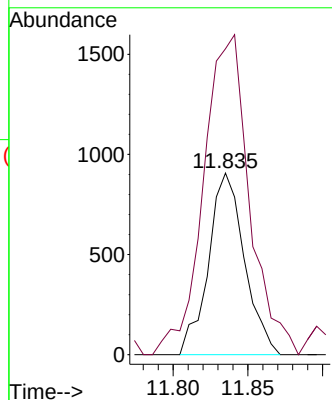
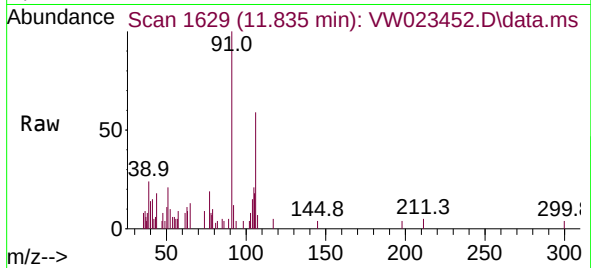




#53
m,p-Xylene
Concen: 1.677 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

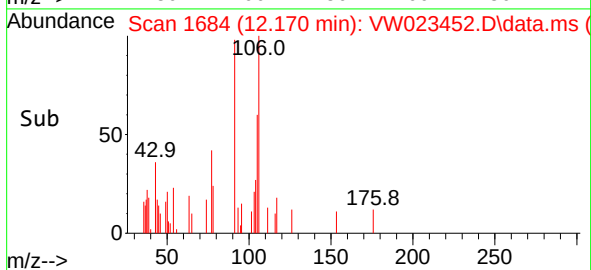
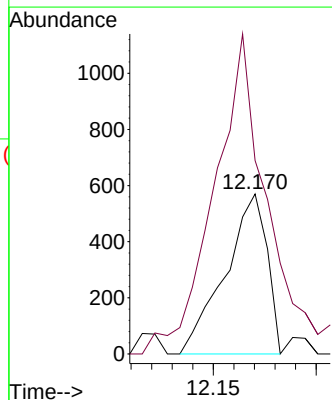
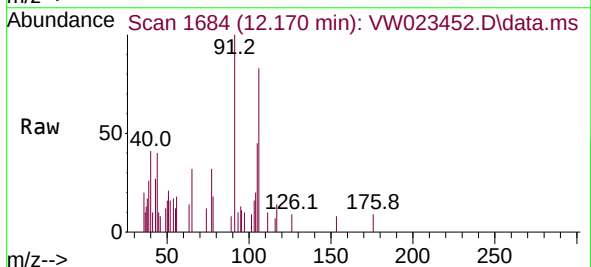
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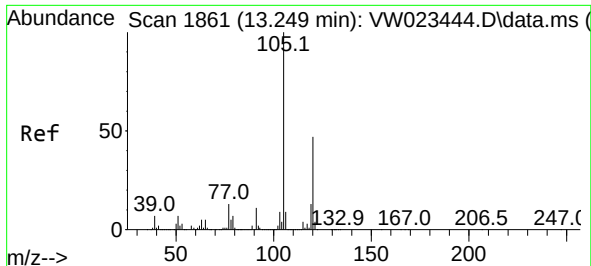
Tgt Ion:106 Resp: 1519
Ion Ratio Lower Upper
106 100
91 168.5 136.8 254.0



#54
o-Xylene
Concen: 0.935 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

Tgt Ion:106 Resp: 809
Ion Ratio Lower Upper
106 100
91 120.9 147.2 273.4#

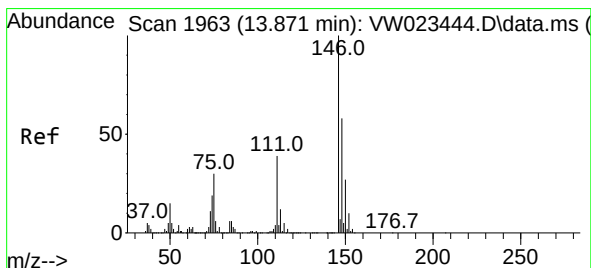
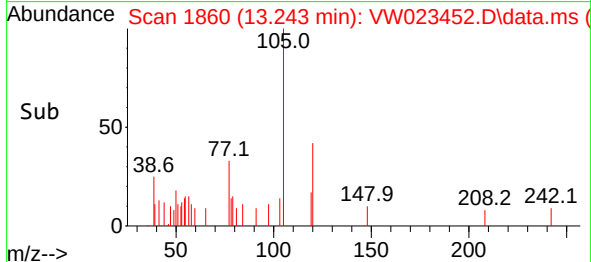
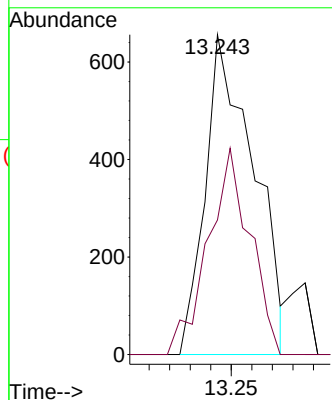
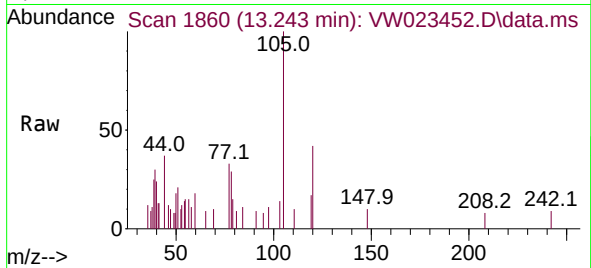




#63
1,2,4-Trimethylbenzene
Concen: 1.517 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 1070
Ion Ratio Lower Upper
105 100
120 56.0 37.4 56.2



#67
1,2-Dichlorobenzene
Concen: 0.668 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW023452.D
Acq: 10 Jun 2022 17:29

Tgt Ion:146 Resp: 234
Ion Ratio Lower Upper
146 100
111 0.0 35.7 53.5#
148 0.0 52.6 79.0#

