

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023456.D
 Acq On : 10 Jun 2022 19:05
 Operator : SY/VA
 Sample : N3226-18
 Misc : 6.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 11 00:10:57 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)

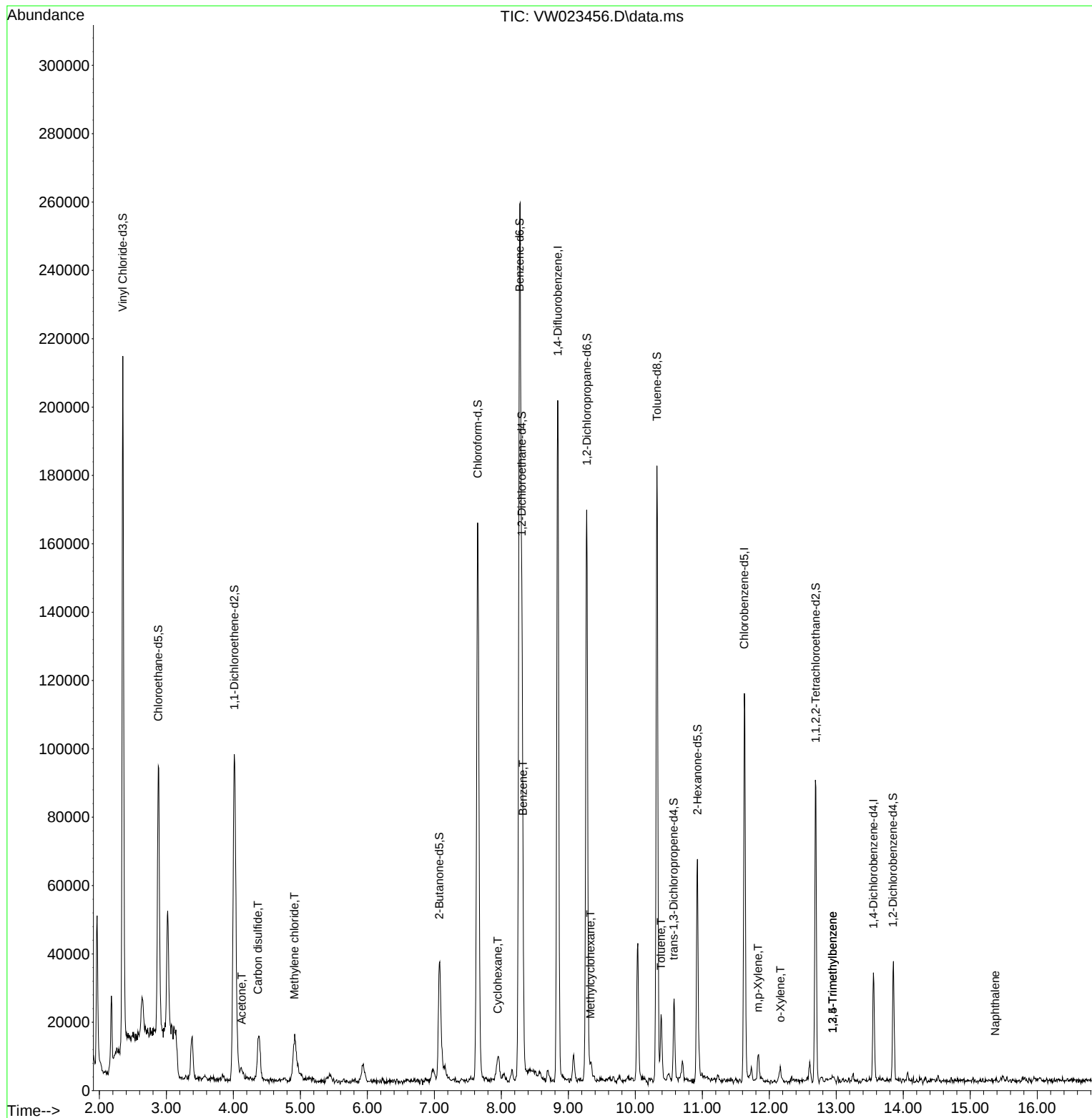
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	162150	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	60852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	7528	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	135966	52.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 211.120%#		
7) Chloroethane-d5		2.879	69	91254	48.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 192.760%#		
11) 1,1-Dichloroethene-d2		4.013	63	93774	26.079	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.320%		
21) 2-Butanone-d5		7.074	46	57103	108.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 217.140%#		
24) Chloroform-d		7.647	84	157839	35.361	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 141.440%		
26) 1,2-Dichloroethane-d4		8.305	65	89702	37.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 149.240%#		
32) Benzene-d6		8.275	84	254940	79.013	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 316.040%#		
36) 1,2-Dichloropropane-d6		9.274	67	72475	76.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 304.960%#		
41) Toluene-d8		10.323	98	116442	36.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 147.800%#		
43) trans-1,3-Dichloroprop...		10.573	79	12012	27.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.760%		
47) 2-Hexanone-d5		10.927	63	19821	130.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 260.980%#		
56) 1,1,2,2-Tetrachloroeth...		12.695	84	41541	46.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 187.160%#		
66) 1,2-Dichlorobenzene-d4		13.847	152	8040	29.585	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 118.360%		
Target Compounds							
						Qvalue	
13) Acetone		4.123	43	3414	9.009	ug/L	69
14) Carbon disulfide		4.367	76	12362	2.276	ug/L	96
16) Methylene chloride		4.909	84	8899	4.055	ug/L	92
29) Cyclohexane		7.945	56	1708	1.394	ug/L #	55
33) Benzene		8.323	78	9524	2.709	ug/L	100
35) Methylcyclohexane		9.329	83	1482	0.972	ug/L #	74
42) Toluene		10.384	91	12300	3.132	ug/L	79
53) m,p-Xylene		11.829	106	2278	1.311	ug/L	75
54) o-Xylene		12.164	106	940	0.566	ug/L #	47
62) 1,3,5-Trimethylbenzene		12.945	105	366	0.415	ug/L	95
63) 1,2,4-Trimethylbenzene		12.945	105	366	0.415	ug/L	97
71) Naphthalene		15.371	128	369	0.771	ug/L #	86

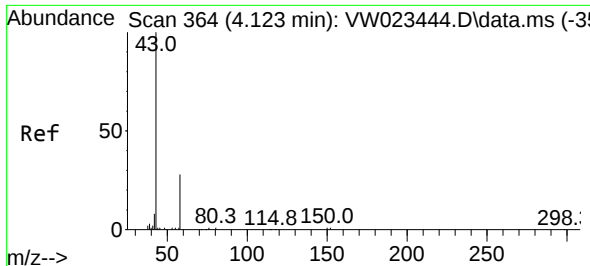
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

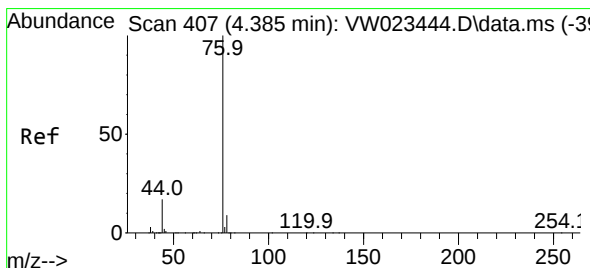
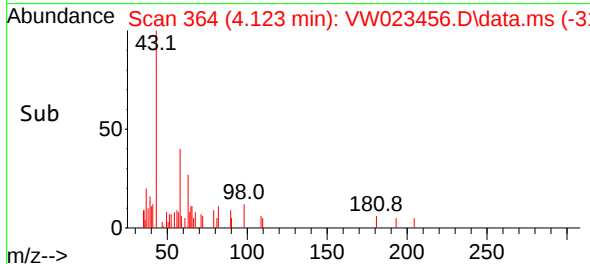
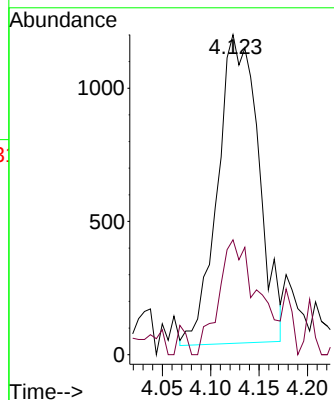
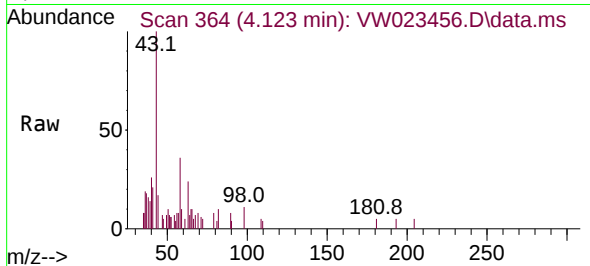




#13
Acetone
Concen: 9.009 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

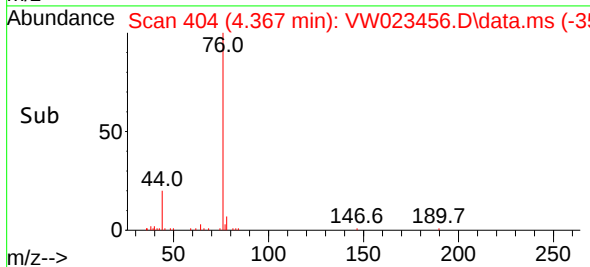
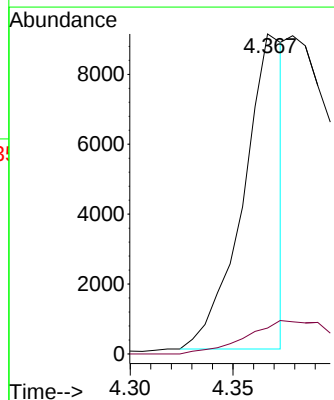
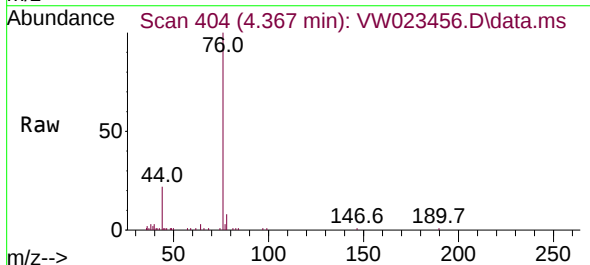
Instrument :
MSVOA_W
ClientSampleId :

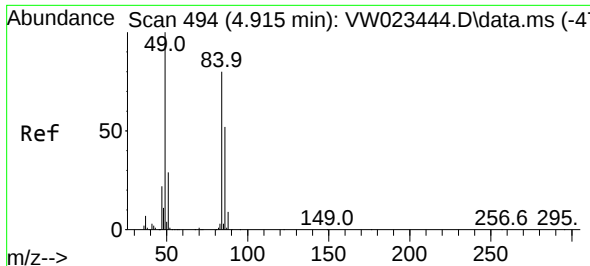
Tgt Ion: 43 Resp: 3414
Ion Ratio Lower Upper
43 100
58 14.6 0.0 64.0



#14
Carbon disulfide
Concen: 2.276 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.018 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

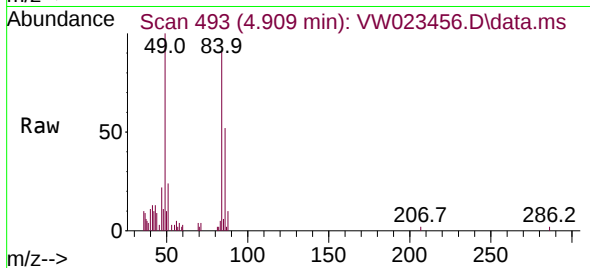
Tgt Ion: 76 Resp: 12362
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5



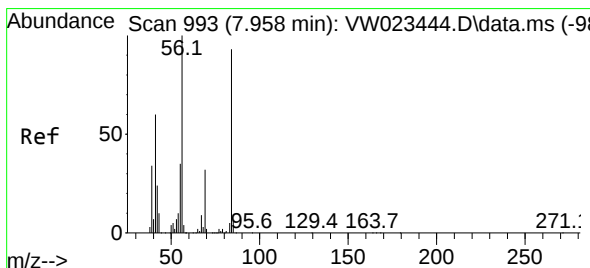
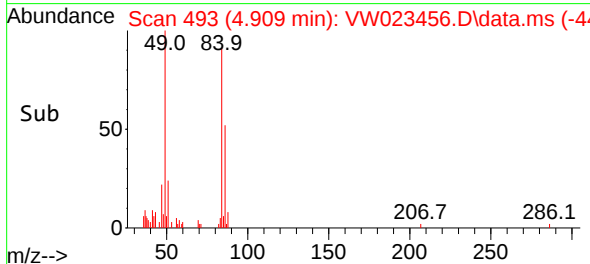
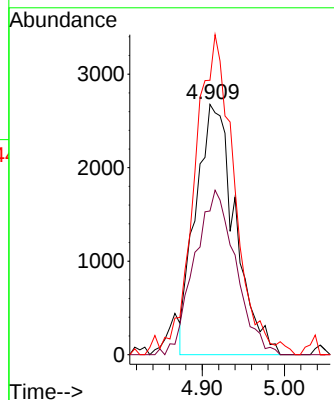


#16
Methylene chloride
Concen: 4.055 ug/L
RT: 4.909 min Scan# 491
Delta R.T. -0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Instrument :
MSVOA_W
ClientSampleId :

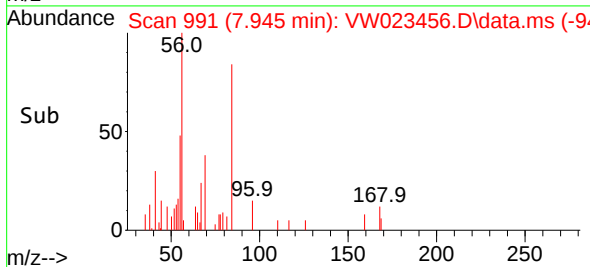
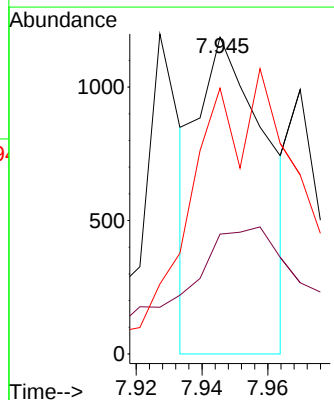
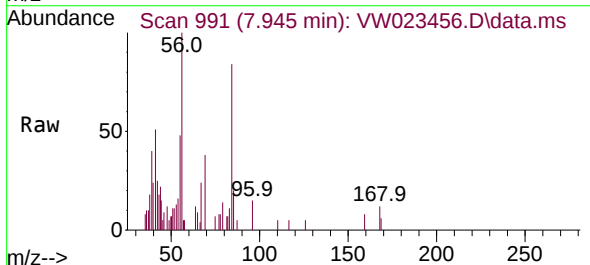


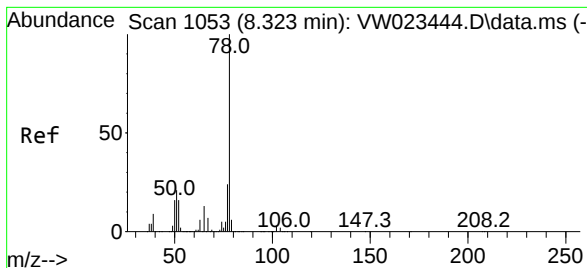
Tgt Ion:	84	Resp:	8899
Ion	Ratio	Lower	Upper
84	100		
86	57.4	45.4	84.4
49	109.6	82.5	153.1



#29
Cyclohexane
Concen: 1.394 ug/L
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion:	56	Resp:	1708
Ion	Ratio	Lower	Upper
56	100		
69	72.3	25.6	38.4#
84	61.9	78.2	117.4#





#33

Benzene

Concen: 2.709 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023456.D

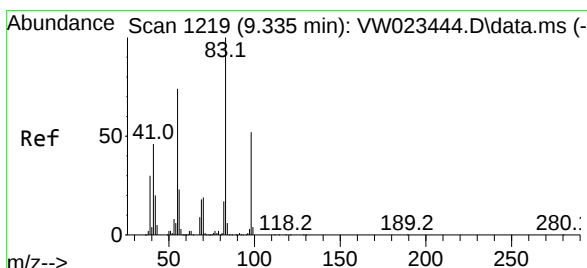
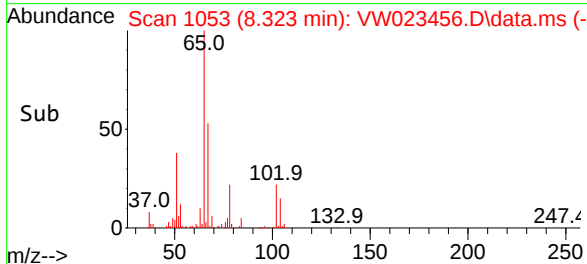
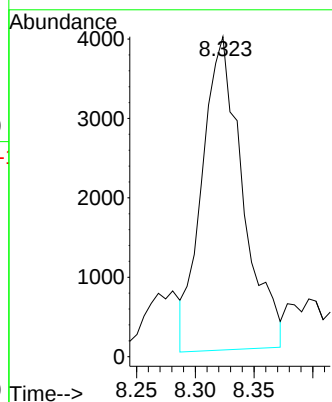
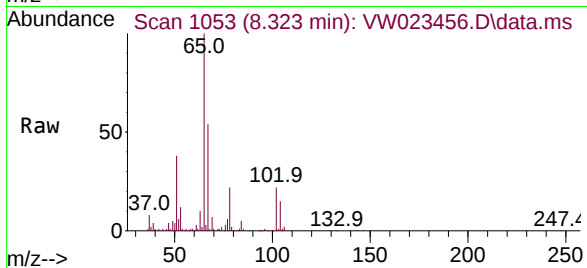
Acq: 10 Jun 2022 19:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 9524



#35

Methylcyclohexane

Concen: 0.972 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW023456.D

Acq: 10 Jun 2022 19:05

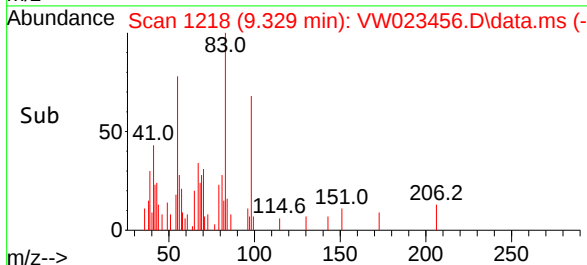
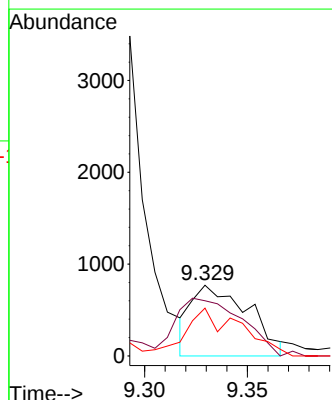
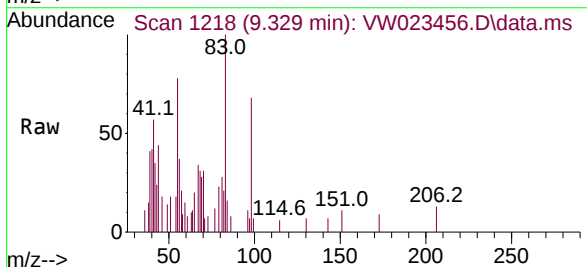
Tgt Ion: 83 Resp: 1482

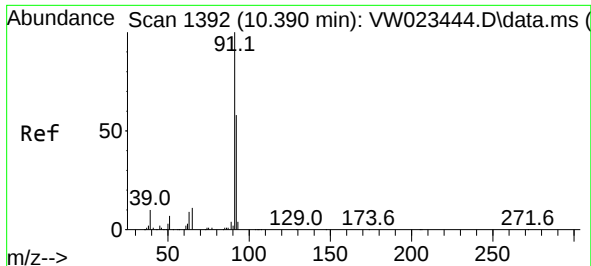
Ion Ratio Lower Upper

83 100

55 94.1 55.1 82.7#

98 36.8 40.4 60.6#

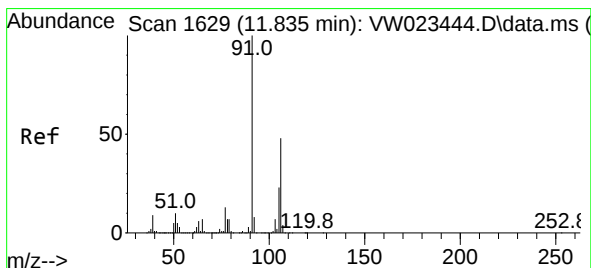
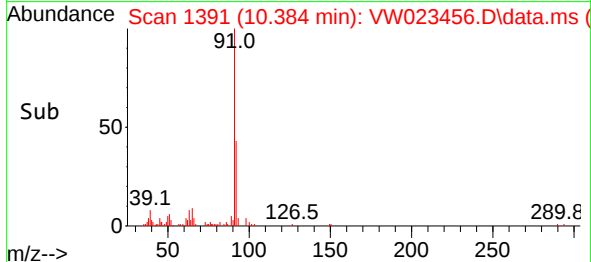
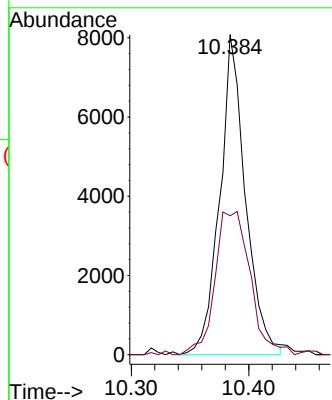
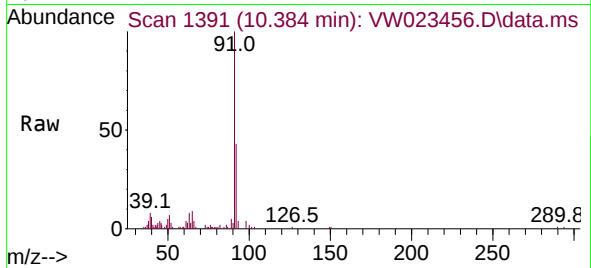




#42
Toluene
Concen: 3.132 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

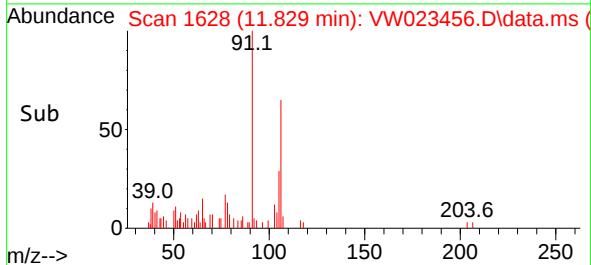
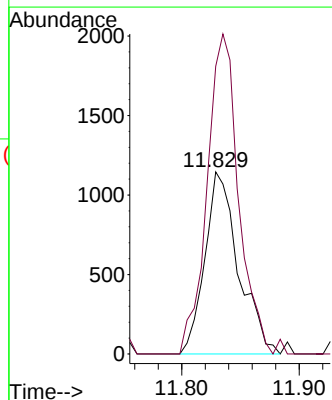
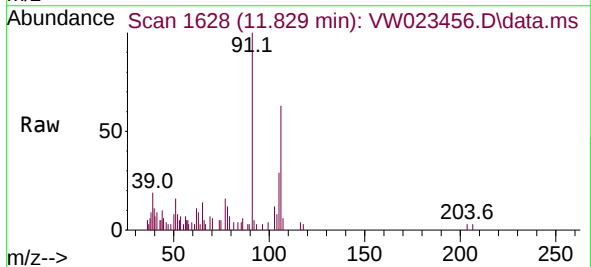
Instrument :
MSVOA_W
ClientSampleId :

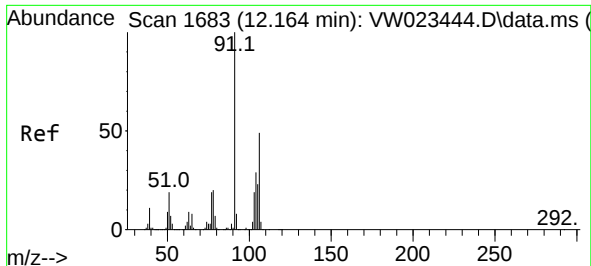
Tgt Ion: 91 Resp: 12300
Ion Ratio Lower Upper
91 100
92 43.4 41.6 77.2



#53
m,p-Xylene
Concen: 1.311 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion: 106 Resp: 2278
Ion Ratio Lower Upper
106 100
91 157.9 136.8 254.0

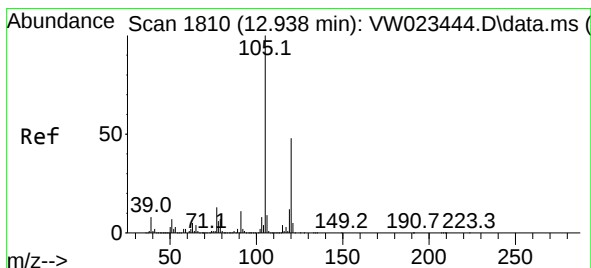
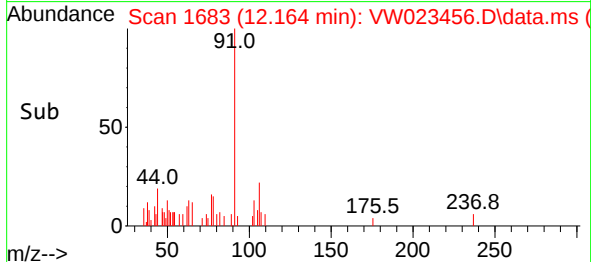
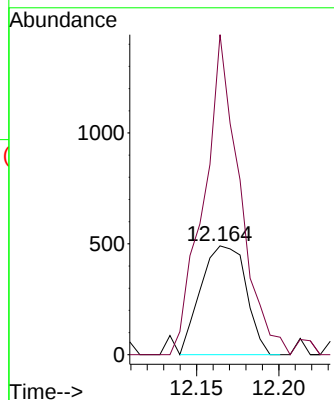
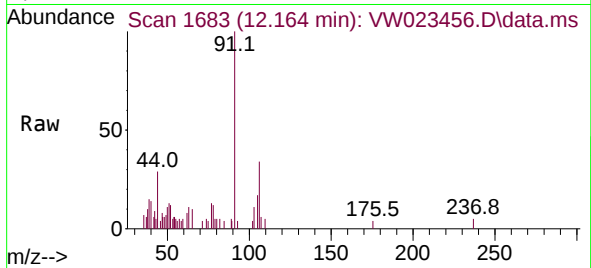




#54
o-Xylene
Concen: 0.566 ug/L
RT: 12.164 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

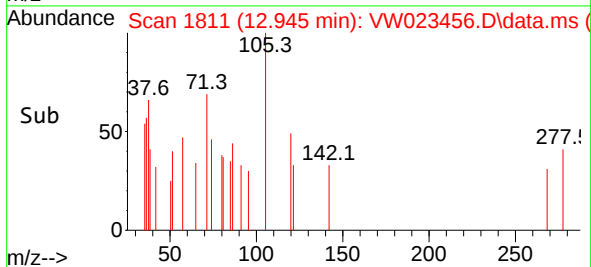
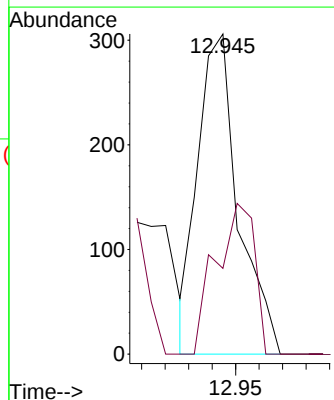
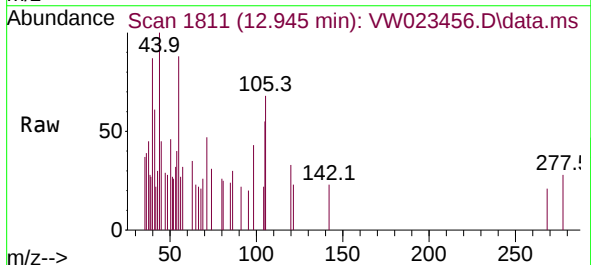
Instrument :
MSVOA_W
ClientSampleId :

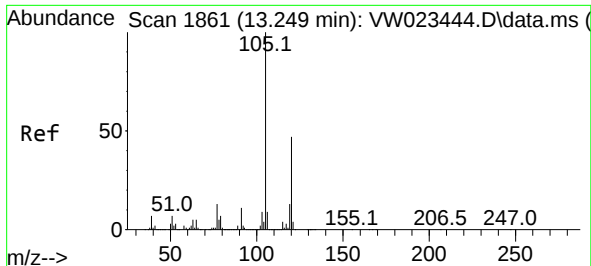
Tgt Ion:106 Resp: 940
Ion Ratio Lower Upper
106 100
91 293.9 147.2 273.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.415 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion:105 Resp: 366
Ion Ratio Lower Upper
105 100
120 45.1 38.9 58.3

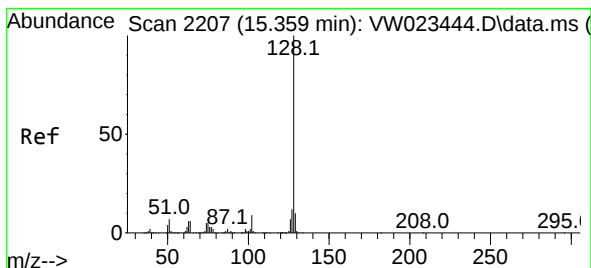
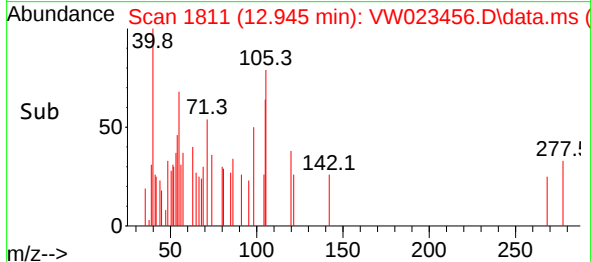
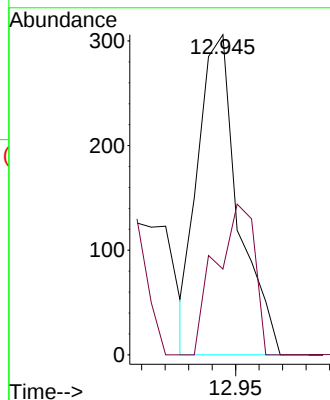
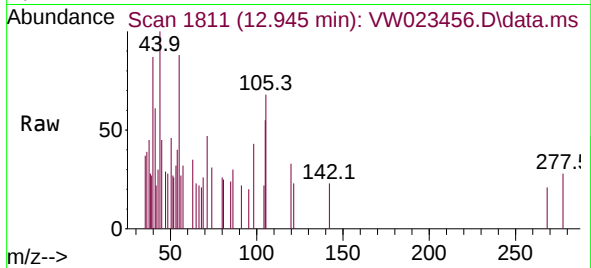




#63
1,2,4-Trimethylbenzene
Concen: 0.415 ug/L
RT: 12.945 min Scan# 1861
Delta R.T. -0.305 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 366
Ion Ratio Lower Upper
105 100
120 45.1 37.4 56.2



#71
Naphthalene
Concen: 0.771 ug/L
RT: 15.371 min Scan# 2209
Delta R.T. 0.012 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion:128 Resp: 369
Ion Ratio Lower Upper
128 100
127 16.3 10.6 16.0#
129 19.2 8.7 13.1#

