

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW023003.D
 Acq On : 12 May 2022 15:53
 Operator : SY/VA
 Sample : N2766-21
 Misc : 5.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H1

Quant Time: May 13 01:13:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
 Response via : Initial Calibration

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

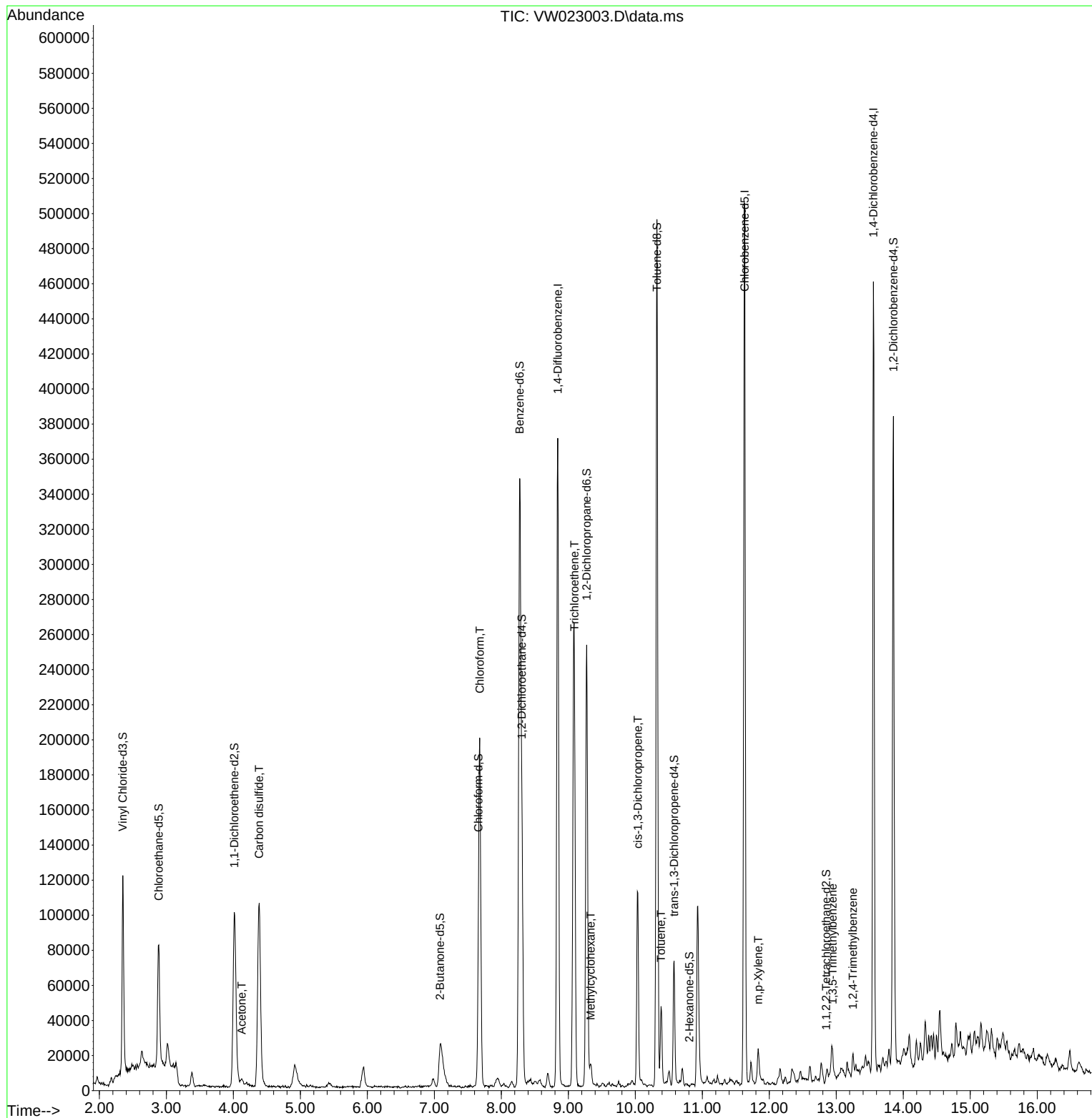
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	307209	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	273125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	109766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	101679	16.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.520%
7) Chloroethane-d5	2.885	69	85204	20.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
11) 1,1-Dichloroethene-d2	4.013	63	99515	12.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.880%
21) 2-Butanone-d5	7.086	46	31359	26.168	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.340%
24) Chloroform-d	7.659	84	6604	0.734	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	2.920%#
26) 1,2-Dichloroethane-d4	8.305	65	108635	22.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.040%
32) Benzene-d6	8.275	84	358419	22.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	9.274	67	111783	25.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.120%
41) Toluene-d8	10.323	98	319068	20.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.920%
43) trans-1,3-Dichloroprop...	10.579	79	39102	19.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.800%
47) 2-Hexanone-d5	10.805	63	67	0.079	ug/L	-0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.160%#
56) 1,1,2,2-Tetrachloroeth...	12.847	84	93	0.023	ug/L	0.16
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	89429	23.307	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.240%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	5459	6.084	ug/L	81
14) Carbon disulfide	4.385	76	238283	22.089	ug/L	99
25) Chloroform	7.677	83	186458	22.470	ug/L	99
34) Trichloroethene	9.092	95	53218	12.027	ug/L	98
35) Methylcyclohexane	9.335	83	3751	0.516	ug/L #	77
39) cis-1,3-Dichloropropene	10.037	75	3635	0.602	ug/L #	62
42) Toluene	10.384	91	31821	1.765	ug/L	98
53) m,p-Xylene	11.835	106	4810	0.609	ug/L	91
62) 1,3,5-Trimethylbenzene	12.945	105	5085	0.608	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	6143	0.489	ug/L	96

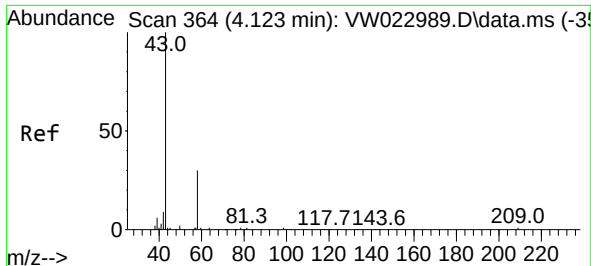
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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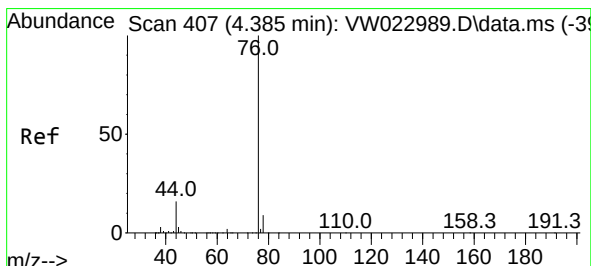
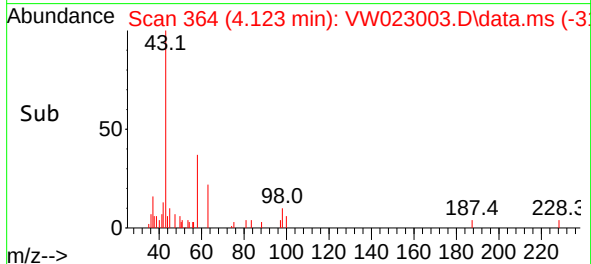
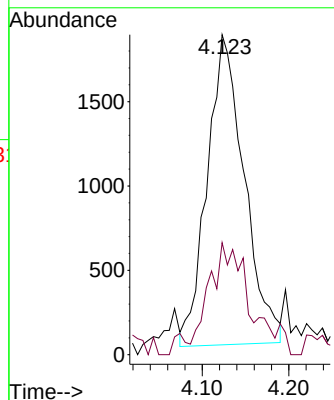
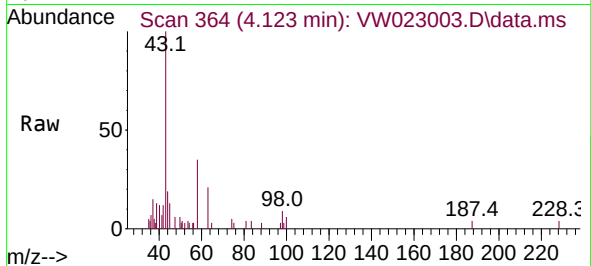




#13
Acetone
Concen: 6.084 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023003.D
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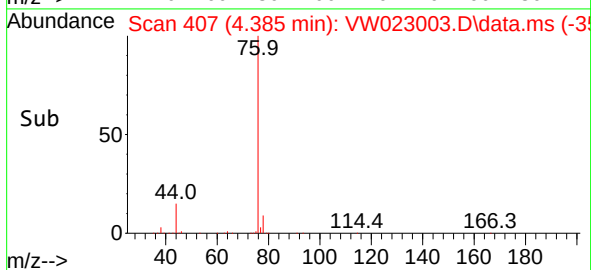
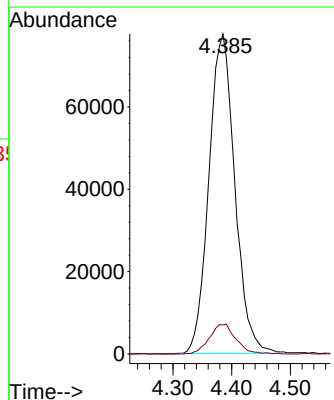
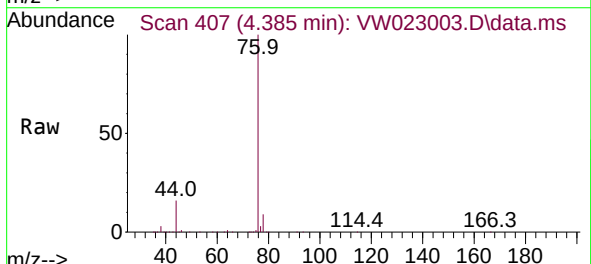
Instrument :
MSVOA_W
ClientSampleId :
EW4H1

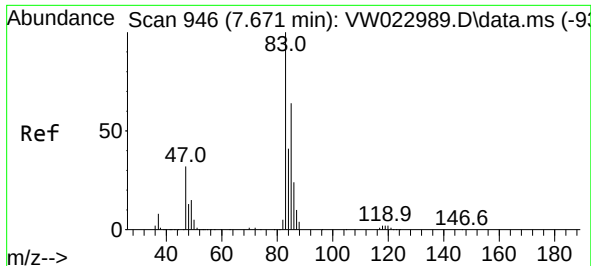
Tgt Ion: 43 Resp: 5459
Ion Ratio Lower Upper
43 100
58 21.3 0.0 64.0



#14
Carbon disulfide
Concen: 22.089 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023003.D
Acq: 12 May 2022 15:53

Tgt Ion: 76 Resp: 238283
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

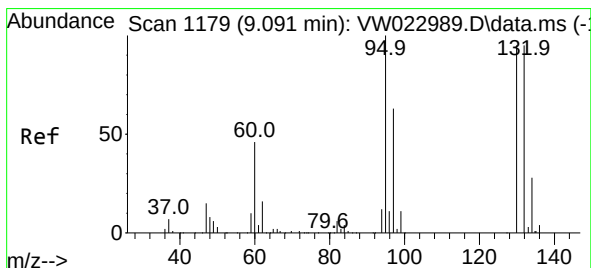
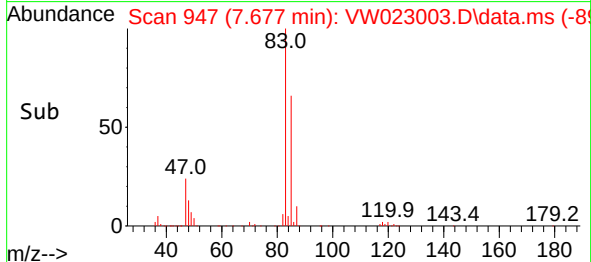
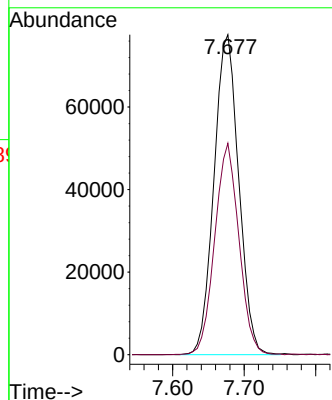
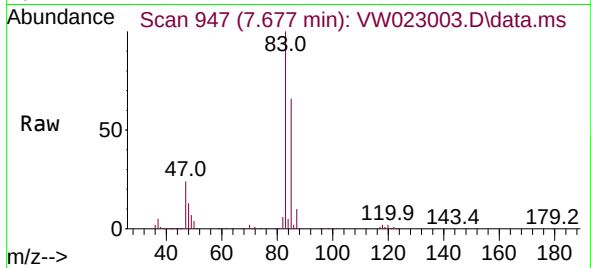




#25
Chloroform
Concen: 22.470 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023003.D
Acq: 12 May 2022 15:53

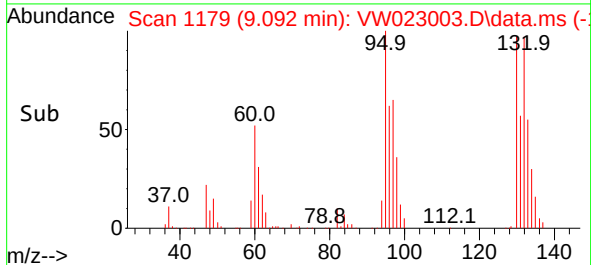
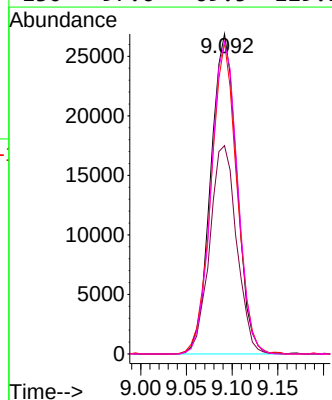
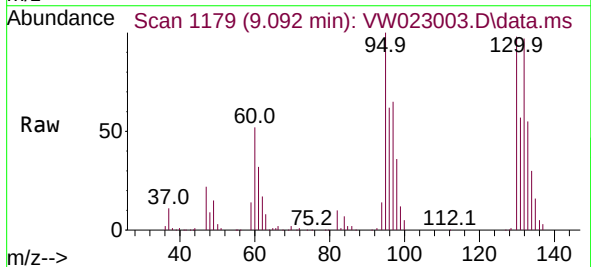
Instrument :
MSVOA_W
ClientSampleId :
EW4H1

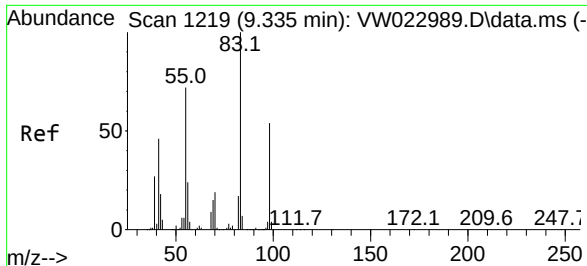
Tgt Ion: 83 Resp: 186458
Ion Ratio Lower Upper
83 100
85 66.0 46.6 86.6



#34
Trichloroethene
Concen: 12.027 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023003.D
Acq: 12 May 2022 15:53

Tgt Ion: 95 Resp: 53218
Ion Ratio Lower Upper
95 100
97 65.1 46.1 85.7
132 97.4 66.9 124.3
130 97.6 69.5 129.1

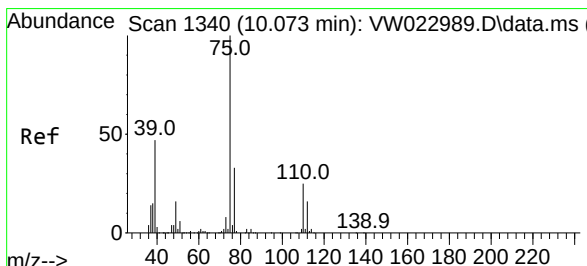
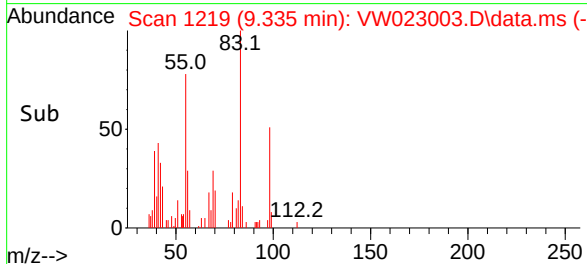
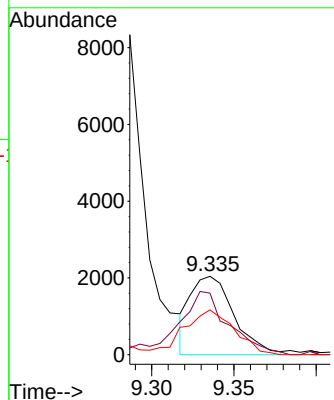
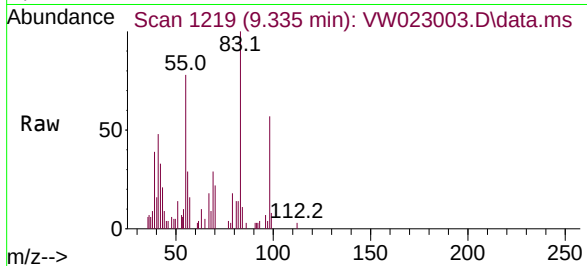




#35
Methylcyclohexane
Concen: 0.516 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023003.D
Acq: 12 May 2022 15:53

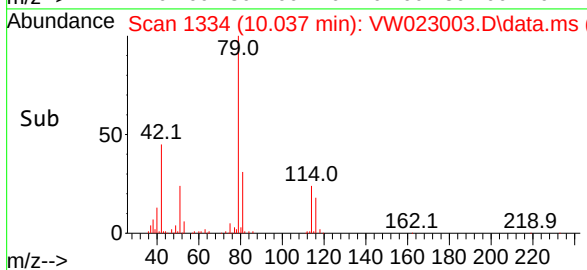
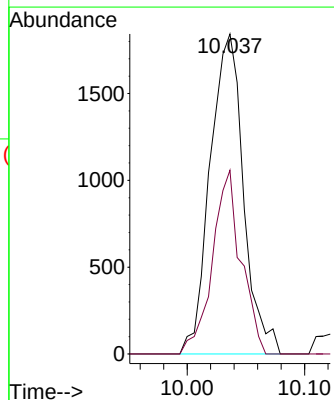
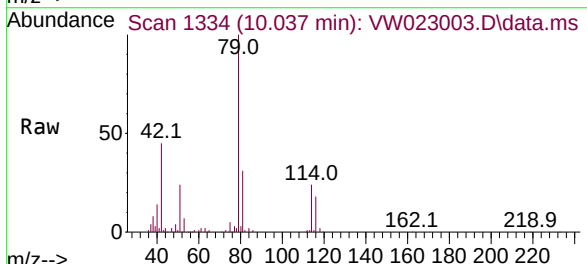
Instrument :
MSVOA_W
ClientSampleId :
EW4H1

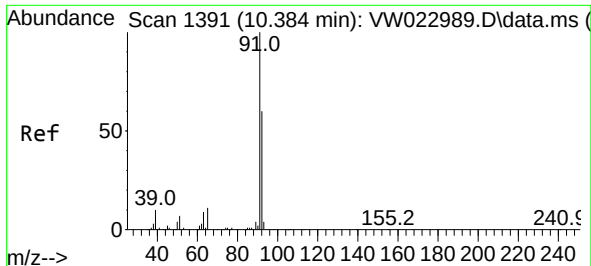
Tgt Ion: 83 Resp: 3751
Ion Ratio Lower Upper
83 100
55 88.6 55.1 82.7#
98 65.8 40.4 60.6#



#39
cis-1,3-Dichloropropene
Concen: 0.602 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW023003.D
Acq: 12 May 2022 15:53

Tgt Ion: 75 Resp: 3635
Ion Ratio Lower Upper
75 100
77 52.6 22.1 41.1#

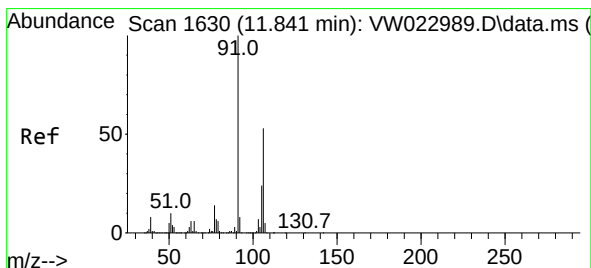
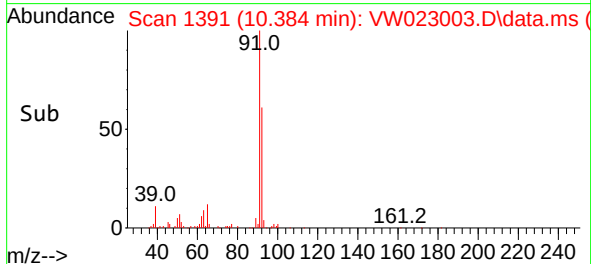
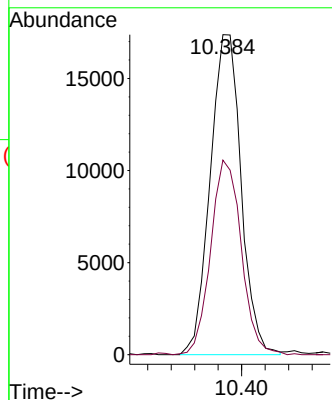
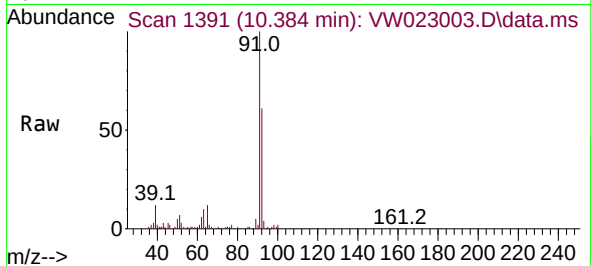




#42
Toluene
Concen: 1.765 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023003.D
Acq: 12 May 2022 15:53

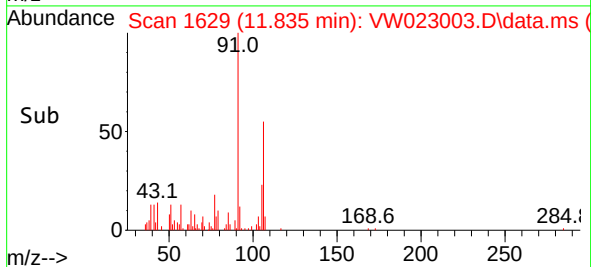
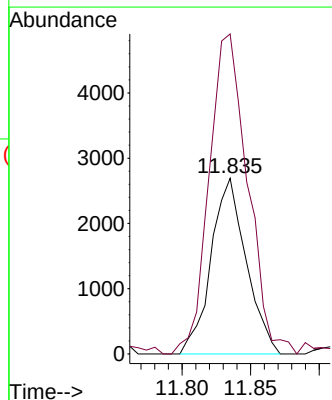
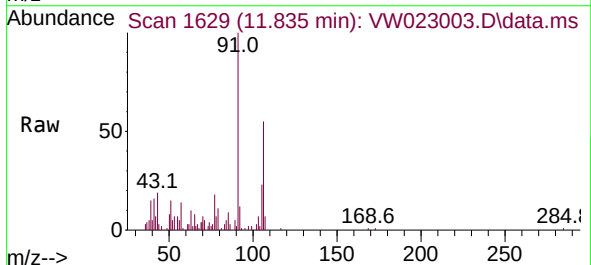
Instrument :
MSVOA_W
ClientSampleId :
EW4H1

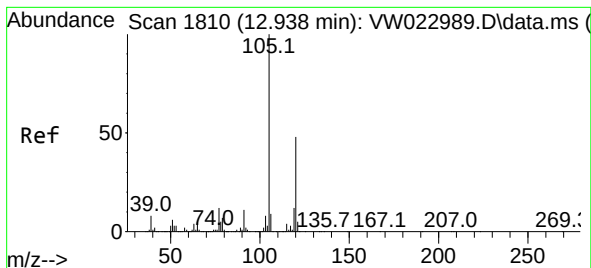
Tgt Ion: 91 Resp: 31821
Ion Ratio Lower Upper
91 100
92 60.8 41.6 77.2



#53
m,p-Xylene
Concen: 0.609 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023003.D
Acq: 12 May 2022 15:53

Tgt Ion: 106 Resp: 4810
Ion Ratio Lower Upper
106 100
91 182.1 136.8 254.0

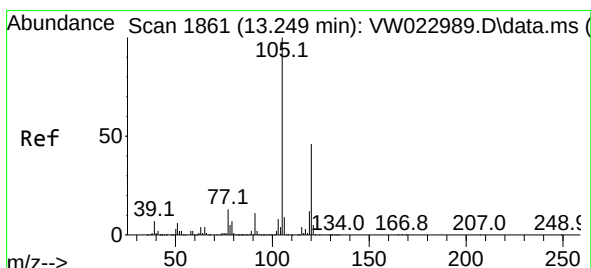
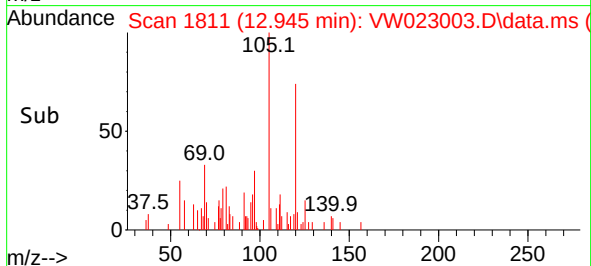
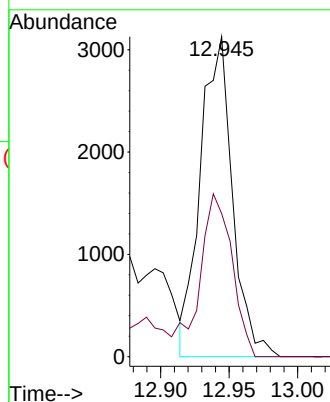
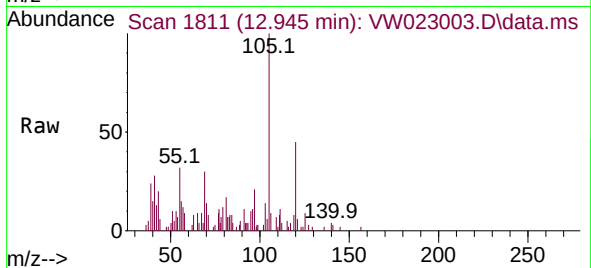




#62
 1,3,5-Trimethylbenzene
 Concen: 0.608 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: VW023003.D
 Acq: 12 May 2022 15:53

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H1

Tgt Ion:105 Resp: 5085
 Ion Ratio Lower Upper
 105 100
 120 46.6 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 0.489 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023003.D
 Acq: 12 May 2022 15:53

Tgt Ion:105 Resp: 6143
 Ion Ratio Lower Upper
 105 100
 120 49.7 37.4 56.2

