

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022975.D
 Acq On : 11 May 2022 12:53
 Operator : SY/VA
 Sample : N2766-05RE
 Misc : 6.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F5RE

Quant Time: May 12 01:10:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

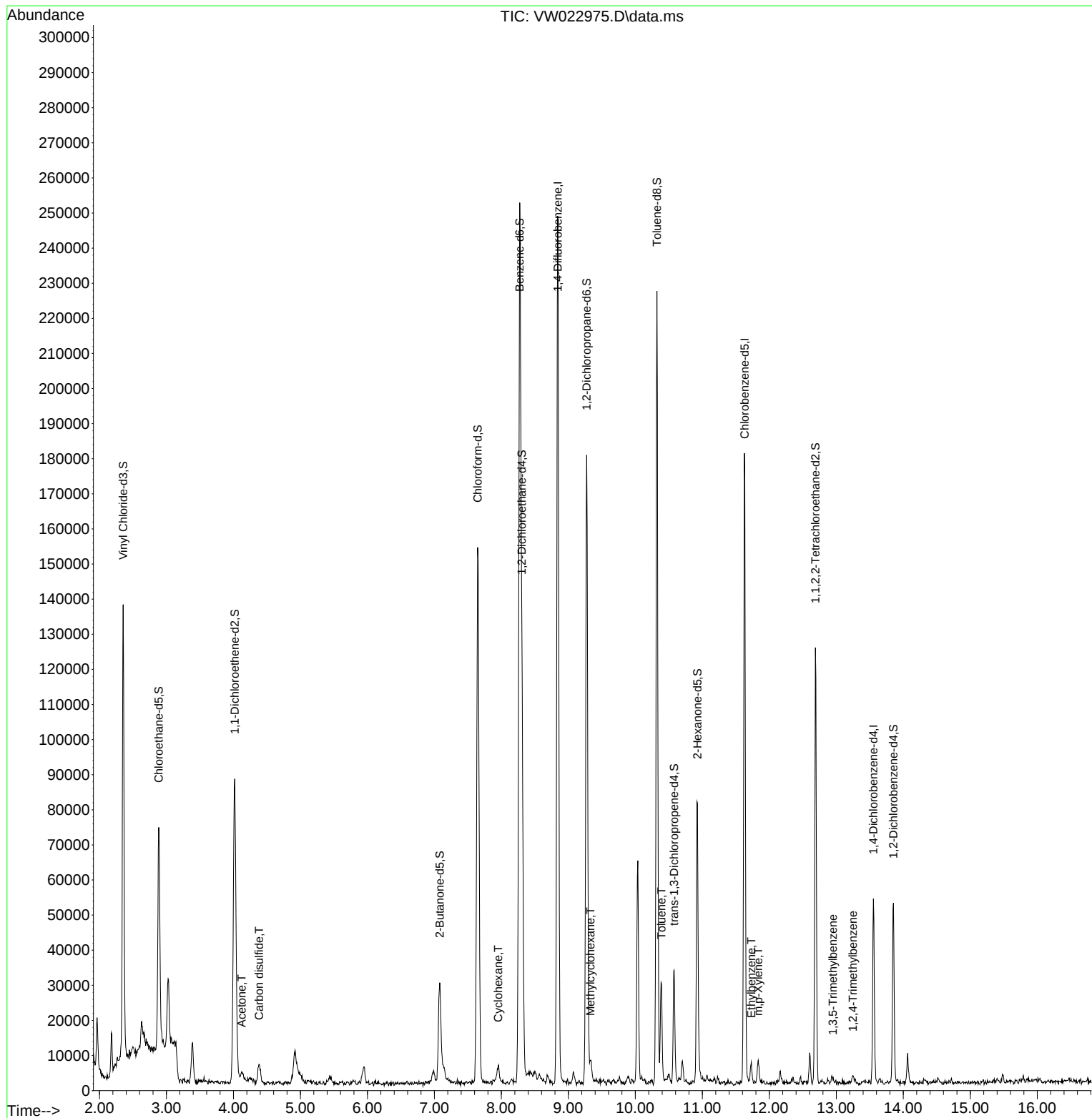
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	206305	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	96395	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	12861	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	92056	21.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
7) Chloroethane-d5	2.885	69	73188	26.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.320%
11) 1,1-Dichloroethene-d2	4.019	63	81073	14.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.280%
21) 2-Butanone-d5	7.080	46	46053	57.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.460%
24) Chloroform-d	7.647	84	151058	24.992	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.305	65	79587	24.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.040%
32) Benzene-d6	8.275	84	249193	44.850	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	179.400%#
36) 1,2-Dichloropropane-d6	9.274	67	79042	50.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	202.560%#
41) Toluene-d8	10.323	98	145378	27.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.360%
43) trans-1,3-Dichloroprop...	10.579	79	17461	24.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.200%
47) 2-Hexanone-d5	10.927	63	27953	93.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	187.640%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	58436	40.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	160.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	12383	27.544	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.160%
Target Compounds						
13) Acetone	4.123	43	4061	6.740	ug/L	97
14) Carbon disulfide	4.385	76	11894	1.642	ug/L #	94
29) Cyclohexane	7.951	56	1755	0.842	ug/L #	94
35) Methylcyclohexane	9.329	83	1720	0.670	ug/L #	40
42) Toluene	10.390	91	20638	3.243	ug/L	100
52) Ethylbenzene	11.731	91	3434	0.485	ug/L	94
53) m,p-Xylene	11.835	106	1755	0.629	ug/L	94
62) 1,3,5-Trimethylbenzene	12.951	105	679	0.693	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	1270	0.863	ug/L	96

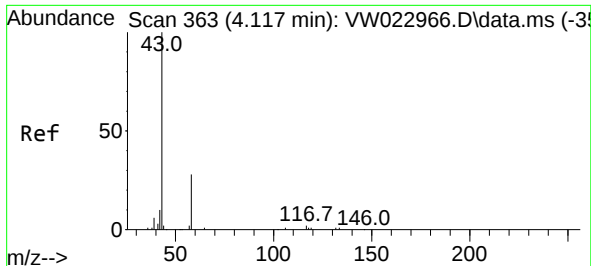
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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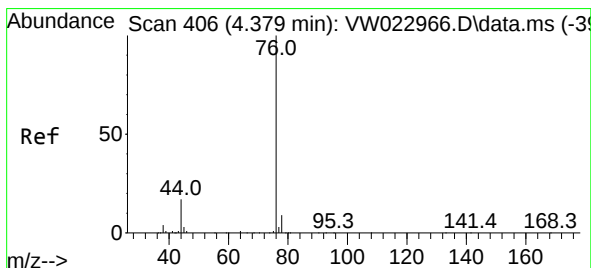
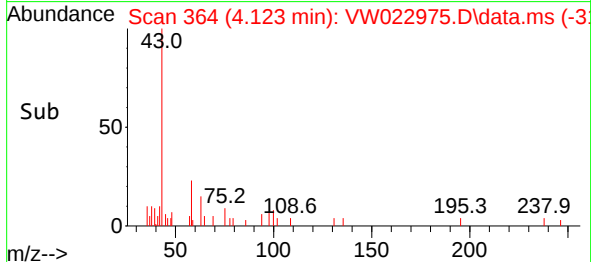
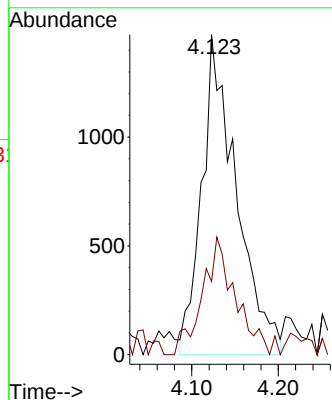
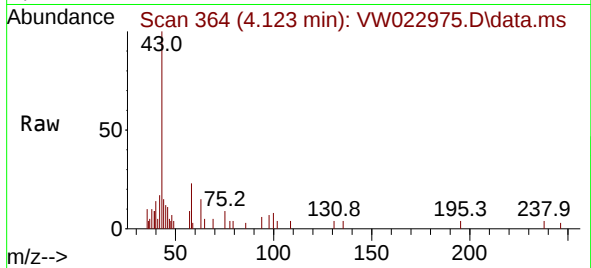




#13
Acetone
Concen: 6.740 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

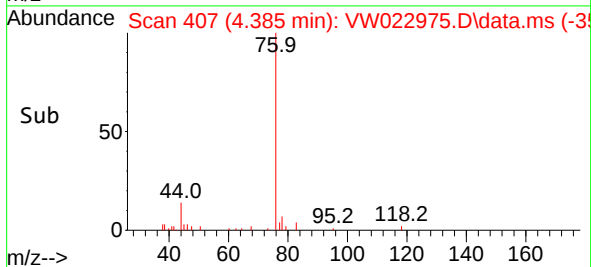
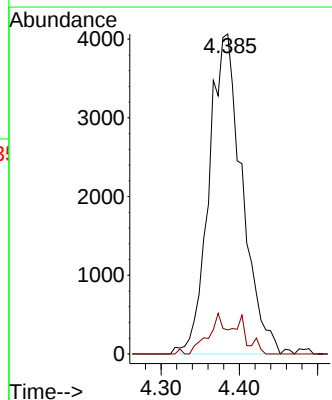
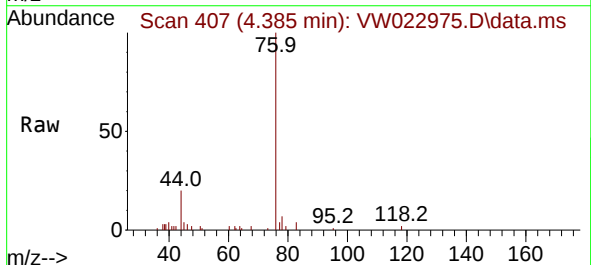
Instrument :
MSVOA_W
ClientSampleId :
EW4F5RE

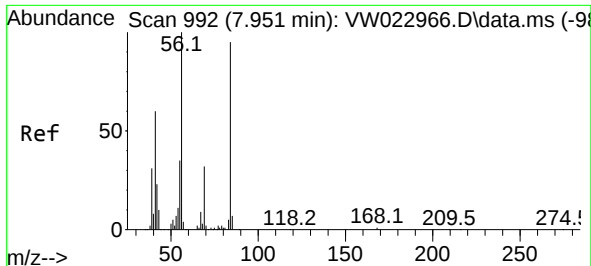
Tgt Ion: 43 Resp: 4061
Ion Ratio Lower Upper
43 100
58 30.5 0.0 64.0



#14
Carbon disulfide
Concen: 1.642 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

Tgt Ion: 76 Resp: 11894
Ion Ratio Lower Upper
76 100
78 7.5 7.7 11.5#

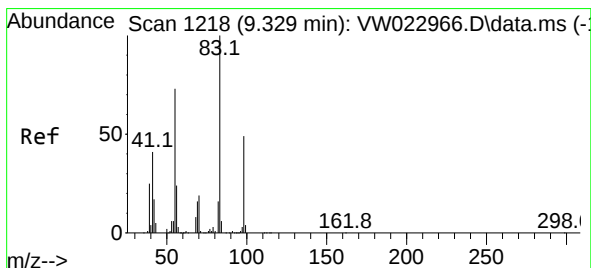
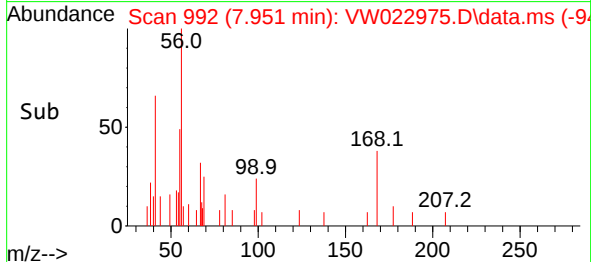
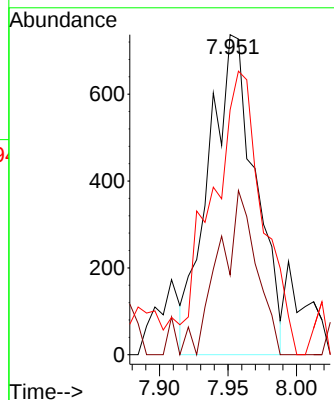
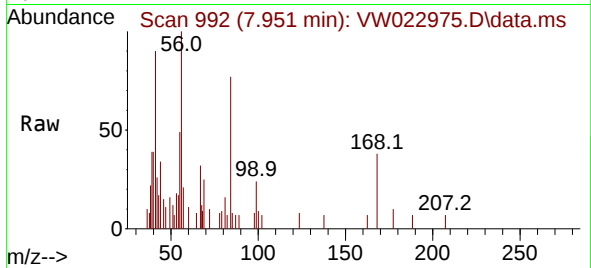




#29
Cyclohexane
Concen: 0.842 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

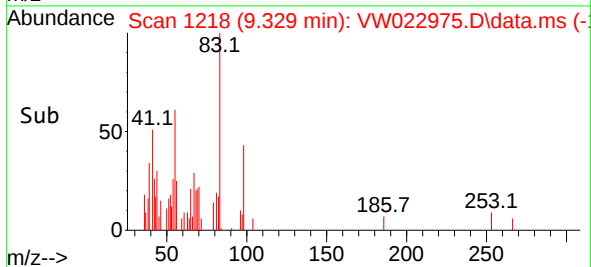
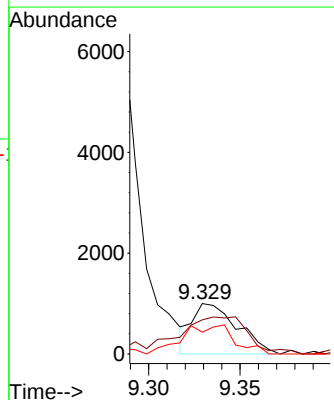
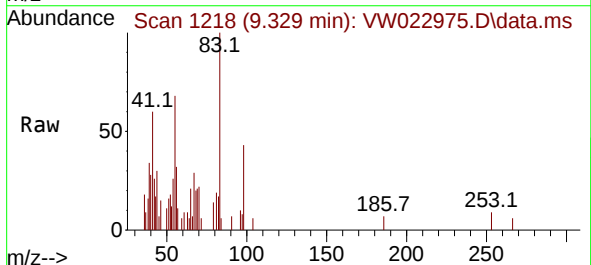
Instrument :
MSVOA_W
ClientSampleId :
EW4F5RE

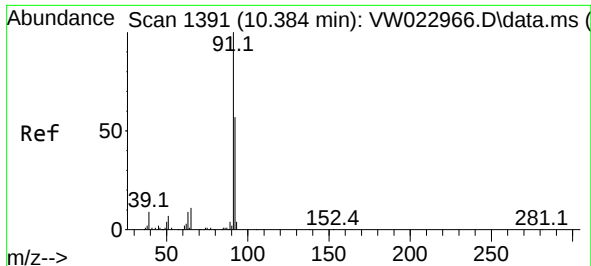
Tgt Ion: 56 Resp: 1755
Ion Ratio Lower Upper
56 100
69 23.8 25.6 38.4#
84 95.3 78.2 117.4



#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

Tgt Ion: 83 Resp: 1720
Ion Ratio Lower Upper
83 100
55 0.0 55.1 82.7#
98 32.4 40.4 60.6#

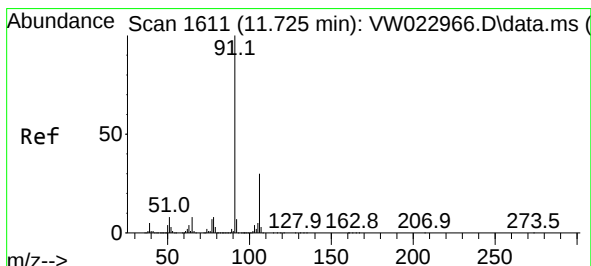
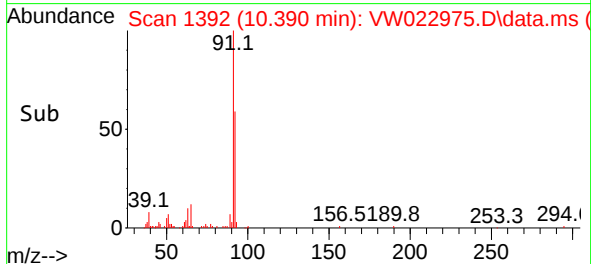
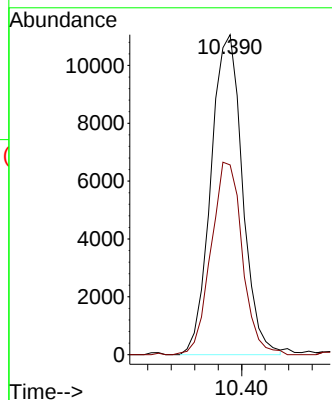
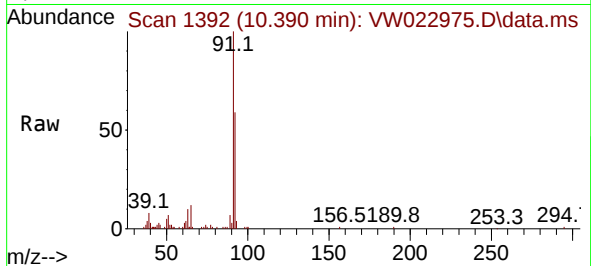




#42
Toluene
Concen: 3.243 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

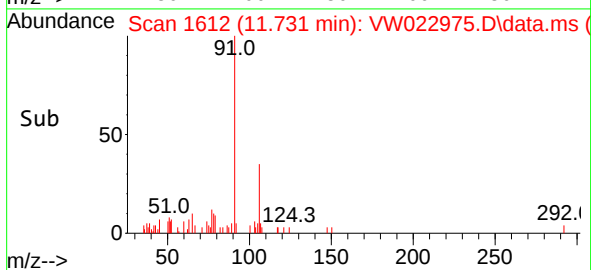
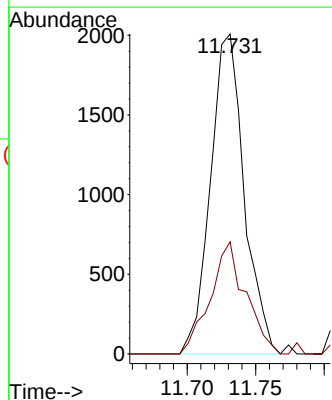
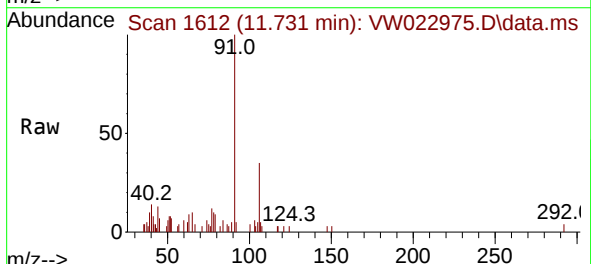
Instrument :
MSVOA_W
ClientSampleId :
EW4F5RE

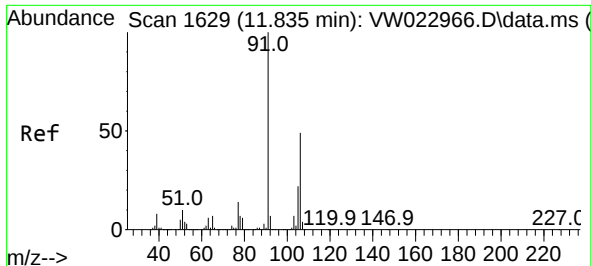
Tgt Ion: 91 Resp: 20638
Ion Ratio Lower Upper
91 100
92 59.3 41.6 77.2



#52
Ethylbenzene
Concen: 0.485 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

Tgt Ion: 91 Resp: 3434
Ion Ratio Lower Upper
91 100
106 35.1 22.3 41.3

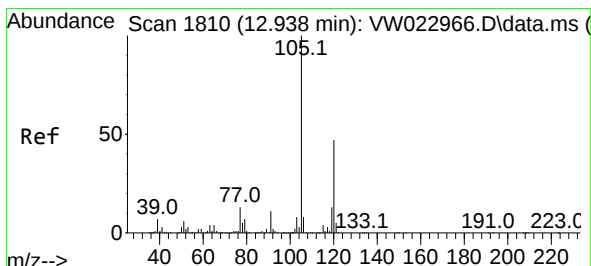
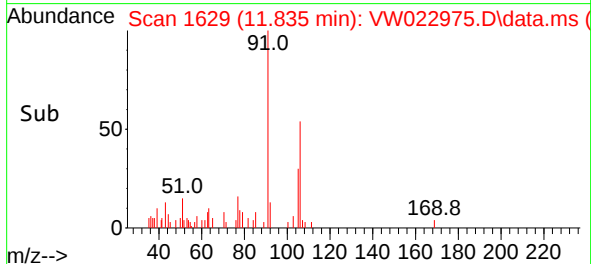
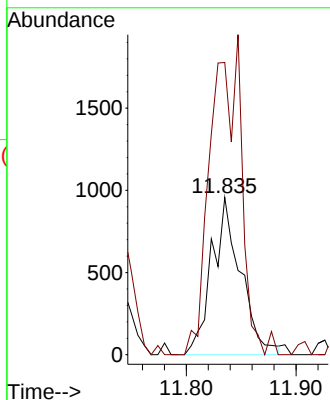
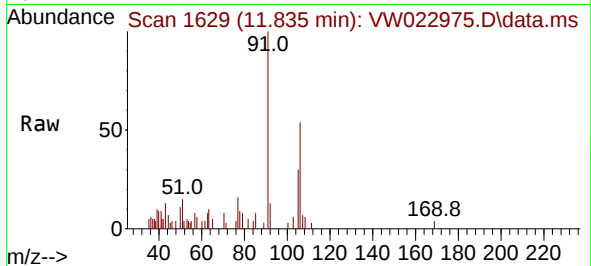




#53
m,p-Xylene
Concen: 0.629 ug/L
RT: 11.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

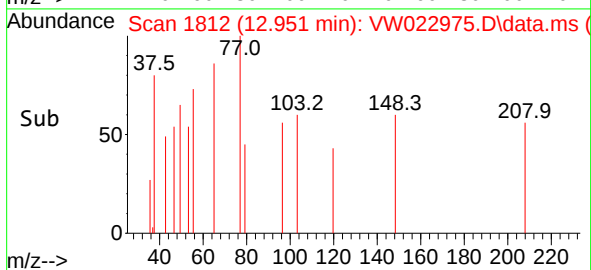
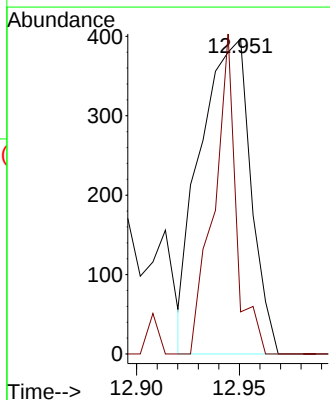
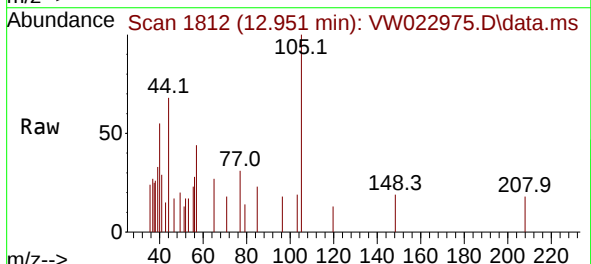
Instrument :
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ClientSampleId :
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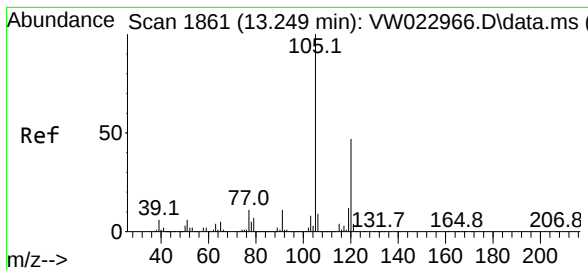
Tgt Ion:106 Resp: 1755
Ion Ratio Lower Upper
106 100
91 185.8 136.8 254.0



#62
1,3,5-Trimethylbenzene
Concen: 0.693 ug/L
RT: 12.951 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VW022975.D
Acq: 11 May 2022 12:53

Tgt Ion:105 Resp: 679
Ion Ratio Lower Upper
105 100
120 44.6 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.863 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022975.D
 Acq: 11 May 2022 12:53

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F5RE

Tgt Ion:105 Resp: 1270
 Ion Ratio Lower Upper
 105 100
 120 49.7 37.4 56.2

