

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022984.D
 Acq On : 11 May 2022 17:14
 Operator : SY/VA
 Sample : N2766-09
 Misc : 6.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F9

Quant Time: May 12 01:12:29 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)

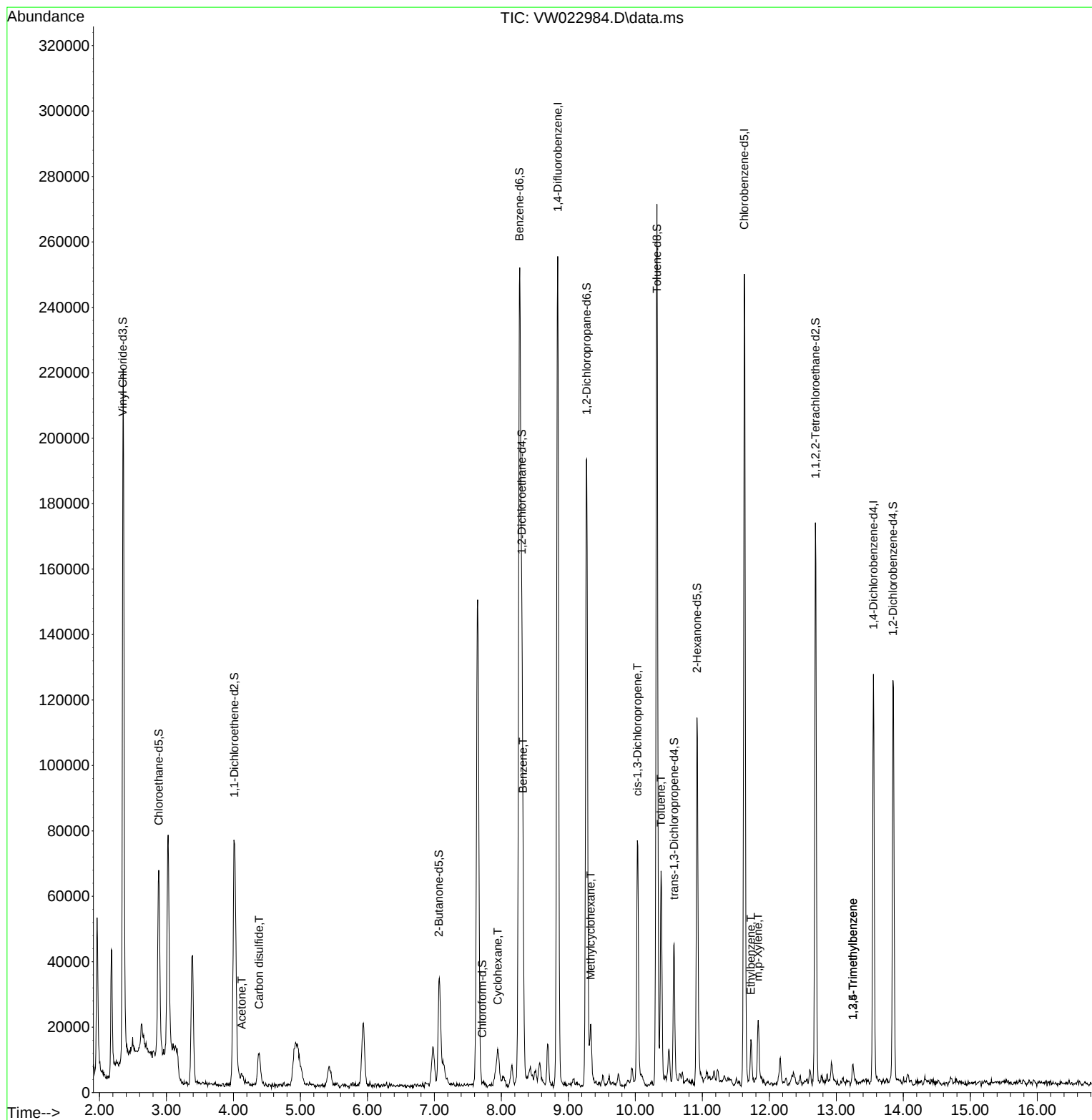
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	211993	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	136046	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	30684	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	85801	19.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.920%
7) Chloroethane-d5	2.885	69	68199	24.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	4.013	63	73165	13.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.080%
21) 2-Butanone-d5	7.067	46	53656	64.884	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.760%
24) Chloroform-d	7.714	84	243	0.039	ug/L	0.07
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.160%#
26) 1,2-Dichloroethane-d4	8.305	65	87614	25.720	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.880%
32) Benzene-d6	8.268	84	256711	32.737	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.960%
36) 1,2-Dichloropropane-d6	9.274	67	86816	39.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	157.640%#
41) Toluene-d8	10.323	98	175033	23.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	10.579	79	22384	22.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.920	63	37756	89.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.580%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	81548	39.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	158.880%#
66) 1,2-Dichlorobenzene-d4	13.847	152	30717	28.638	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.560%
Target Compounds						Qvalue
13) Acetone	4.123	43	5018	8.105	ug/L	82
14) Carbon disulfide	4.385	76	22929	3.080	ug/L #	94
29) Cyclohexane	7.945	56	3246	1.103	ug/L #	20
33) Benzene	8.323	78	31682	3.953	ug/L	100
35) Methylcyclohexane	9.335	83	5810	1.605	ug/L	85
39) cis-1,3-Dichloropropene	10.030	75	2471	0.822	ug/L	85
42) Toluene	10.384	91	45840	5.104	ug/L	88
52) Ethylbenzene	11.725	91	8753	0.876	ug/L	96
53) m,p-Xylene	11.829	106	4503	1.144	ug/L	90
62) 1,3,5-Trimethylbenzene	13.249	105	2989	1.278	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2989	0.851	ug/L	97

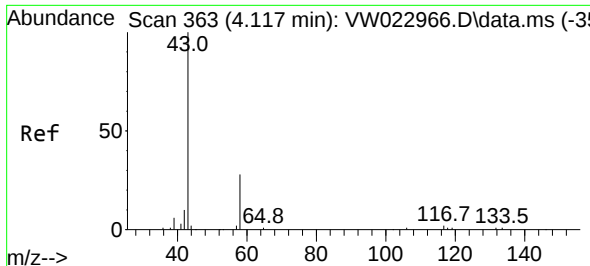
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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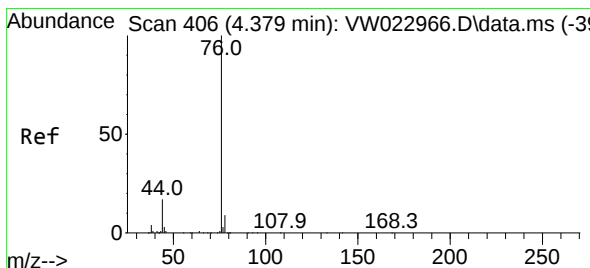
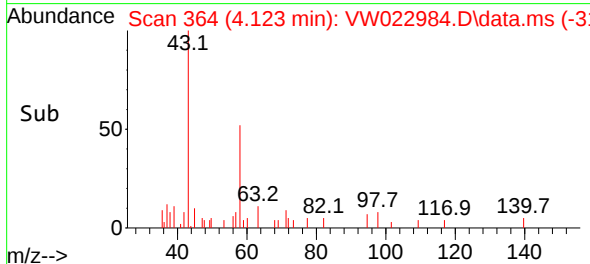
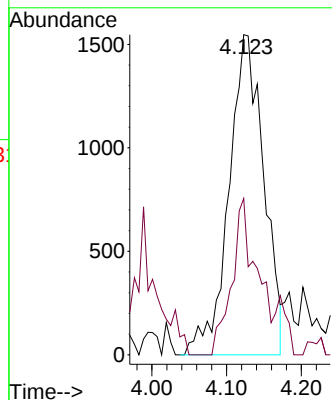
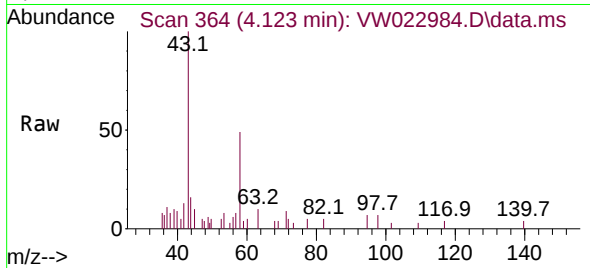




#13
Acetone
Concen: 8.105 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

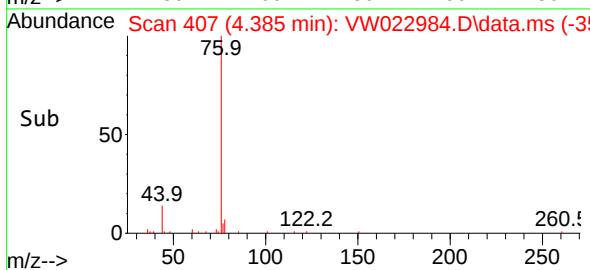
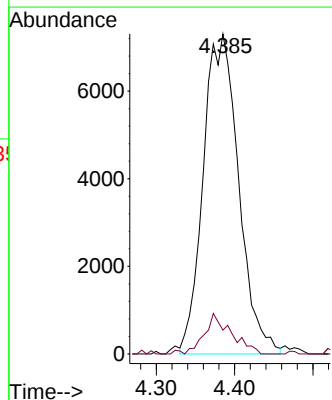
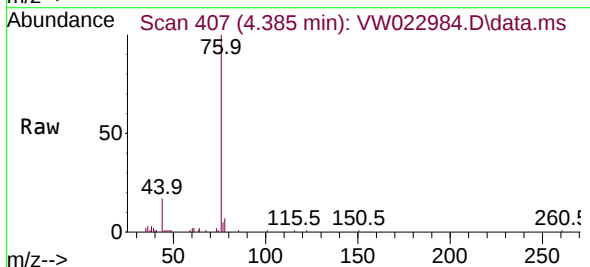
Instrument :
MSVOA_W
ClientSampleId :
EW4F9

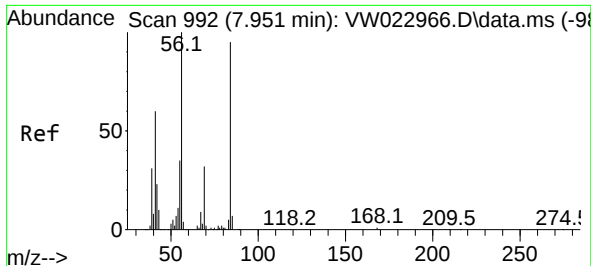
Tgt Ion: 43 Resp: 5018
Ion Ratio Lower Upper
43 100
58 22.2 0.0 64.0



#14
Carbon disulfide
Concen: 3.080 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

Tgt Ion: 76 Resp: 22929
Ion Ratio Lower Upper
76 100
78 7.4 7.7 11.5#





#29

Cyclohexane

Concen: 1.103 ug/L

RT: 7.945 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW022984.D

Acq: 11 May 2022 17:14

Instrument :

MSVOA_W

ClientSampleId :

EW4F9

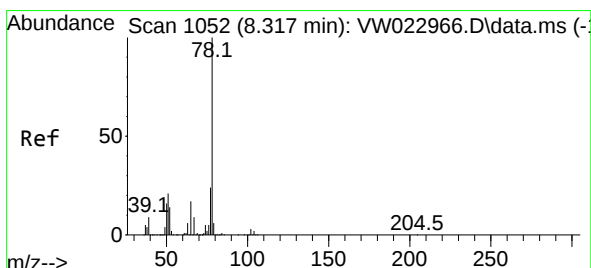
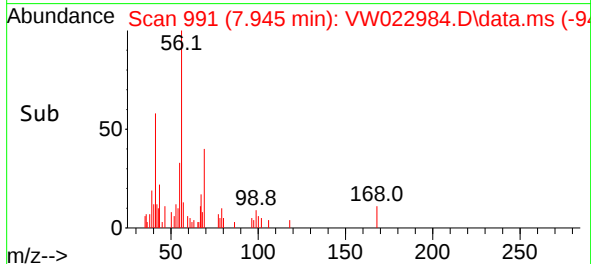
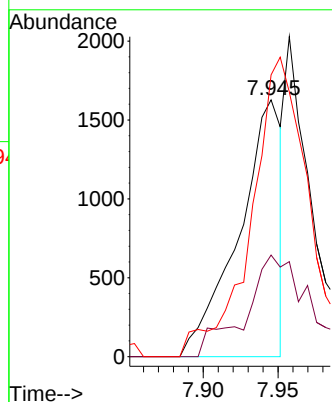
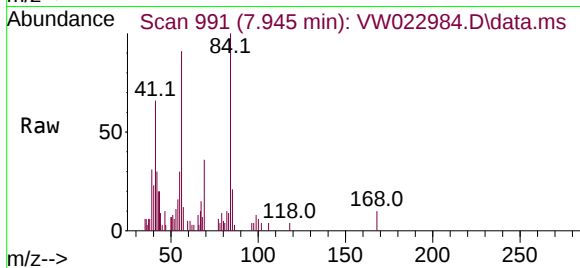
Tgt Ion: 56 Resp: 3246

Ion Ratio Lower Upper

56 100

69 43.2 25.6 38.4#

84 0.0 78.2 117.4#



#33

Benzene

Concen: 3.953 ug/L

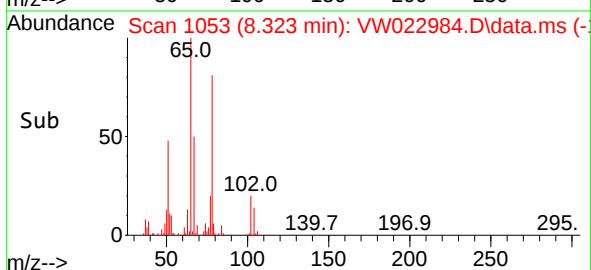
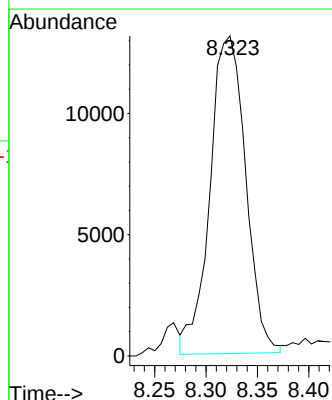
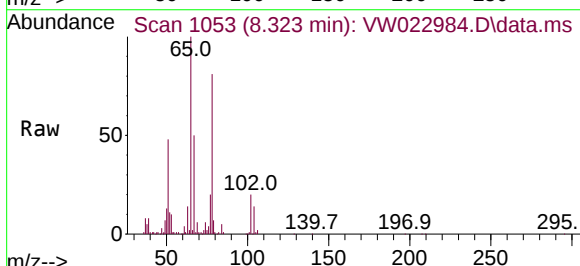
RT: 8.323 min Scan# 1053

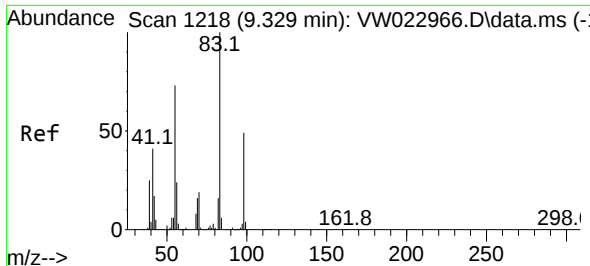
Delta R.T. 0.006 min

Lab File: VW022984.D

Acq: 11 May 2022 17:14

Tgt Ion: 78 Resp: 31682

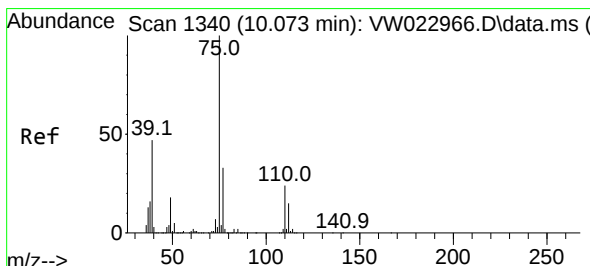
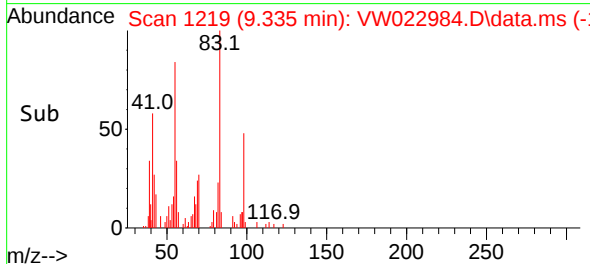
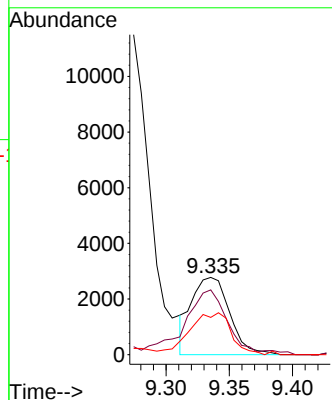
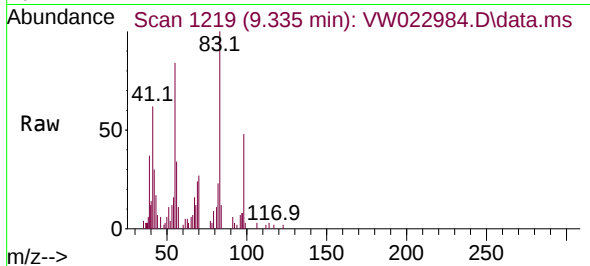




#35
Methylcyclohexane
Concen: 1.605 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

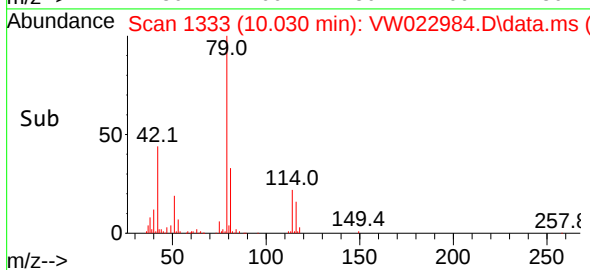
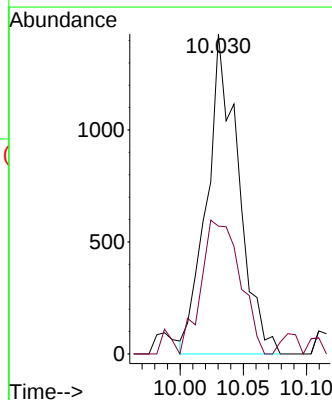
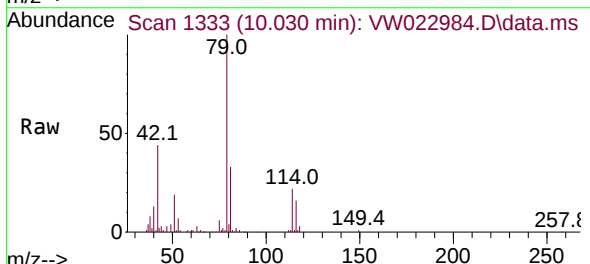
Instrument :
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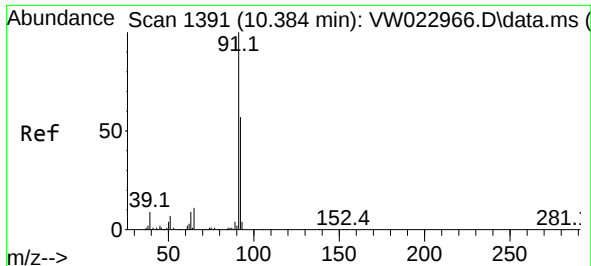
Tgt Ion: 83 Resp: 5810
Ion Ratio Lower Upper
83 100
55 82.0 55.1 82.7
98 59.1 40.4 60.6



#39
cis-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

Tgt Ion: 75 Resp: 2471
Ion Ratio Lower Upper
75 100
77 40.0 22.1 41.1

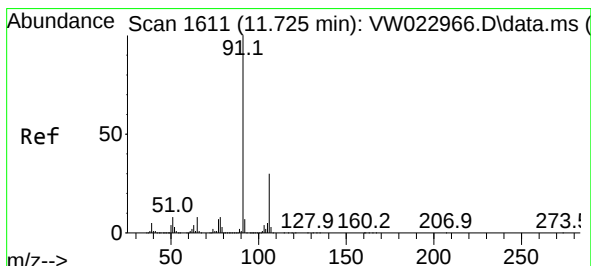
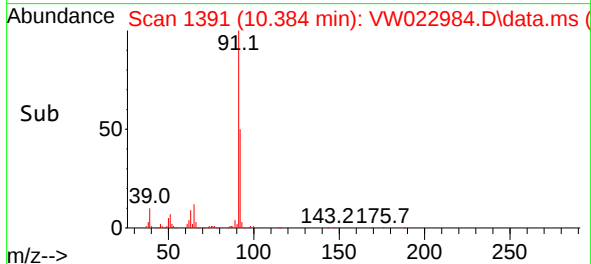
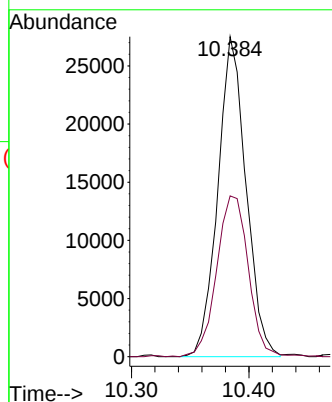
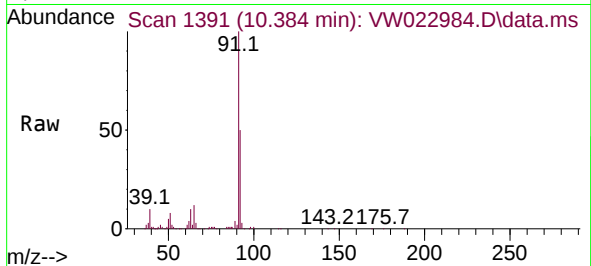




#42
Toluene
Concen: 5.104 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

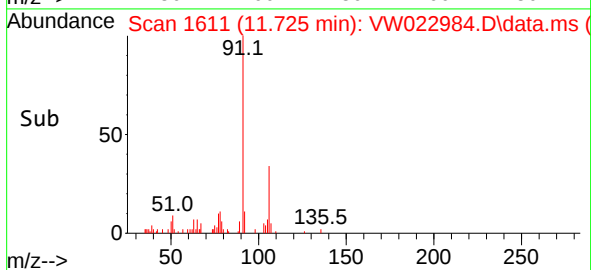
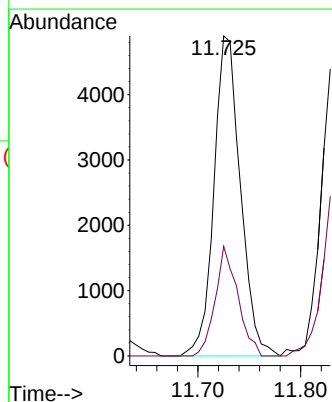
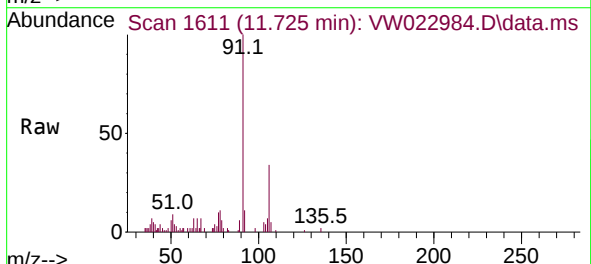
Instrument :
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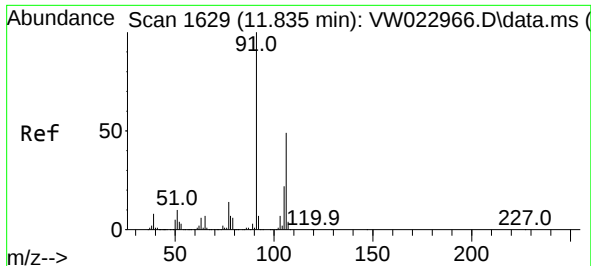
Tgt Ion: 91 Resp: 45840
Ion Ratio Lower Upper
91 100
92 50.3 41.6 77.2



#52
Ethylbenzene
Concen: 0.876 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

Tgt Ion: 91 Resp: 8753
Ion Ratio Lower Upper
91 100
106 34.3 22.3 41.3

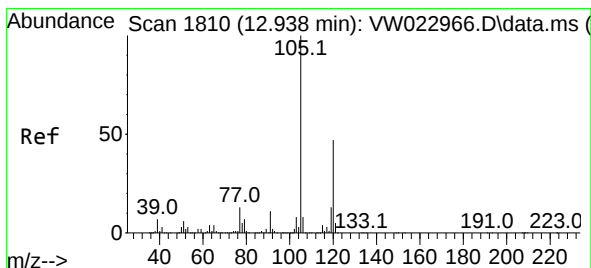
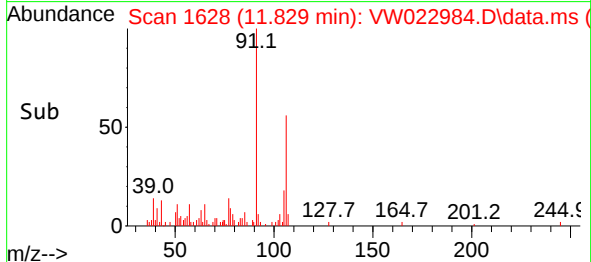
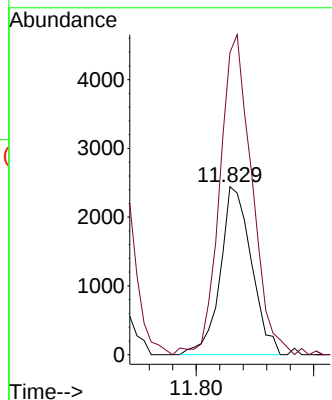
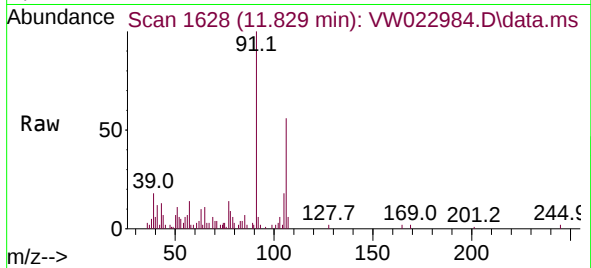




#53
m,p-Xylene
Concen: 1.144 ug/L
RT: 11.829 min Scan# 11828
Delta R.T. -0.006 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

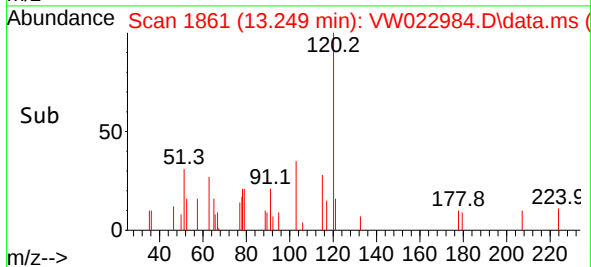
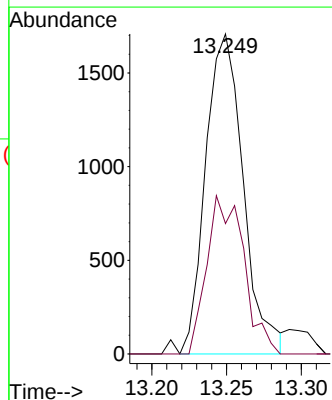
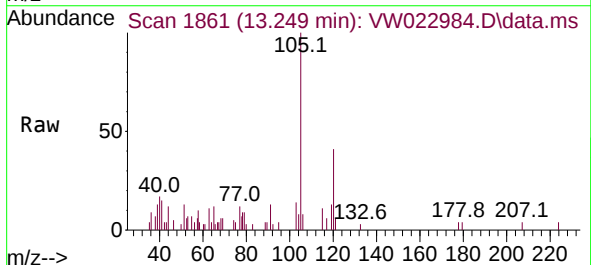
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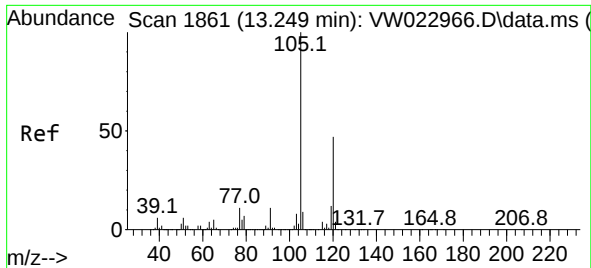
Tgt Ion:106 Resp: 4503
Ion Ratio Lower Upper
106 100
91 179.9 136.8 254.0



#62
1,3,5-Trimethylbenzene
Concen: 1.278 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.311 min
Lab File: VW022984.D
Acq: 11 May 2022 17:14

Tgt Ion:105 Resp: 2989
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.851 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022984.D
 Acq: 11 May 2022 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F9

Tgt Ion:105 Resp: 2989
 Ion Ratio Lower Upper
 105 100
 120 48.6 37.4 56.2

