

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023417.D
 Acq On : 07 Jun 2022 17:16
 Operator : SY/VA
 Sample : N3226-04RE
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4L5RE

Quant Time: Jun 08 01:23:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 08 01:20:30 2022
 Response via : Initial Calibration

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

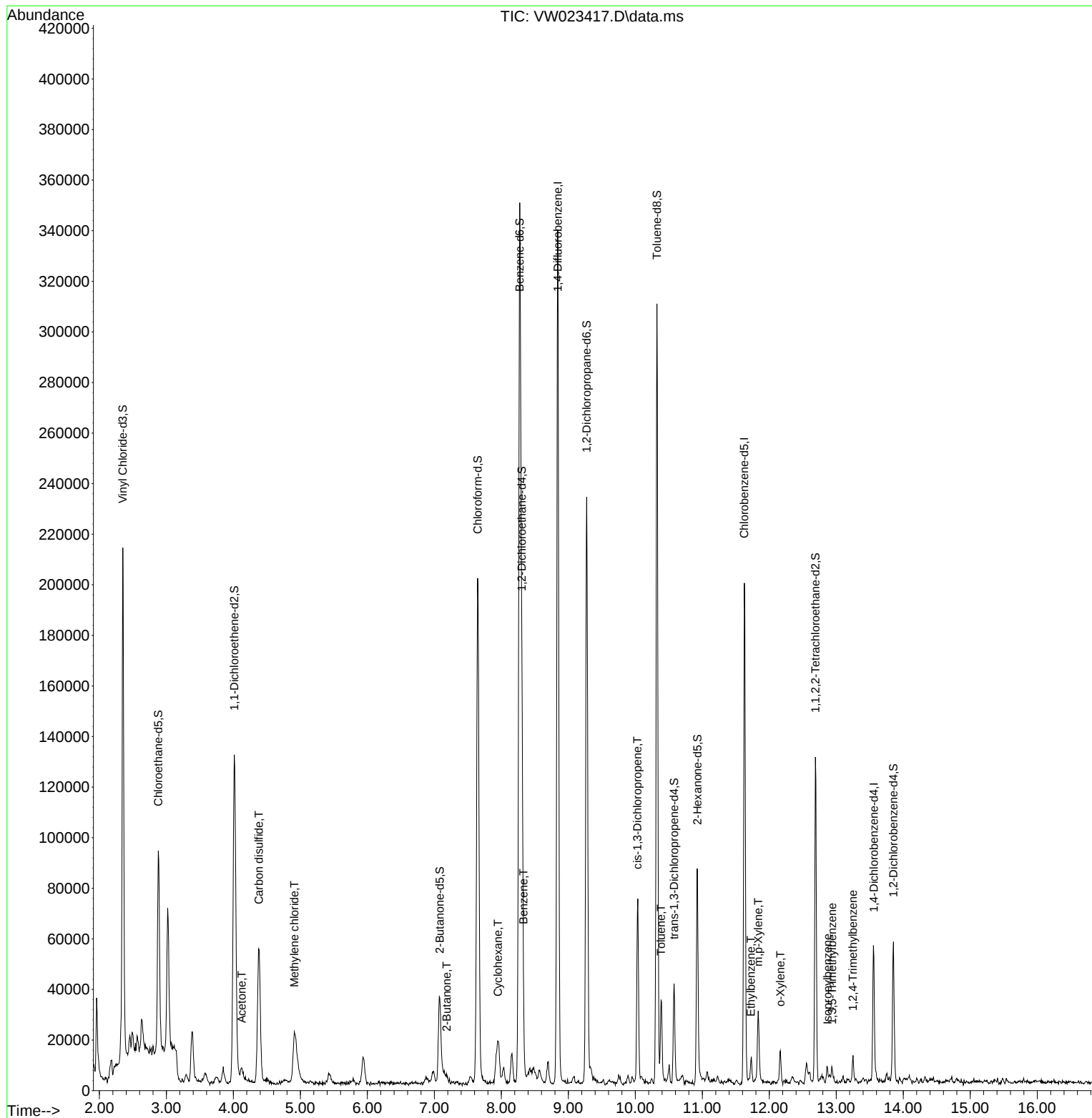
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	269933	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	106741	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	13223	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	144033	34.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.880%		
7) Chloroethane-d5		2.879	69	91110	30.954	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.800%		
11) 1,1-Dichloroethene-d2		4.013	63	127414	20.306	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 81.240%		
21) 2-Butanone-d5		7.080	46	57041	70.786	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 141.580%#		
24) Chloroform-d		7.647	84	195630	26.877	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.520%		
26) 1,2-Dichloroethane-d4		8.305	65	107260	28.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.200%		
32) Benzene-d6		8.275	84	344589	58.156	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 232.640%#		
36) 1,2-Dichloropropane-d6		9.275	67	102179	61.526	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 246.120%#		
41) Toluene-d8		10.323	98	198700	35.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 140.840%#		
43) trans-1,3-Dichloroprop...		10.579	79	20270	27.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.440%		
47) 2-Hexanone-d5		10.927	63	28063	112.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 225.780%#		
56) 1,1,2,2-Tetrachloroeth...		12.689	84	59978	42.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 168.840%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	13296	27.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 111.120%		
Target Compounds							Qvalue
13) Acetone		4.123	43	7669	12.688	ug/L	97
14) Carbon disulfide		4.379	76	117525	11.881	ug/L	100
16) Methylene chloride		4.910	84	15001	3.858	ug/L	91
22) 2-Butanone		7.183	43	3899	4.433	ug/L	93
29) Cyclohexane		7.952	56	9622	4.219	ug/L #	76
33) Benzene		8.330	78	9492	1.515	ug/L	100
39) cis-1,3-Dichloropropene		10.031	75	2394	1.041	ug/L	94
42) Toluene		10.384	91	23394	3.312	ug/L	88
52) Ethylbenzene		11.725	91	5762	0.740	ug/L	92
53) m,p-Xylene		11.835	106	8155	2.707	ug/L	82
54) o-Xylene		12.164	106	3483	1.207	ug/L	88
60) Isopropylbenzene		12.871	105	3638	1.923	ug/L	98
62) 1,3,5-Trimethylbenzene		12.939	105	1516	0.968	ug/L	91
63) 1,2,4-Trimethylbenzene		13.249	105	5050	3.258	ug/L	99

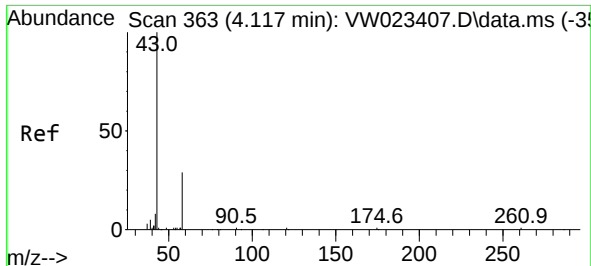
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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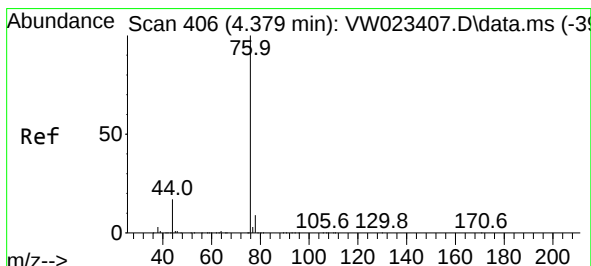
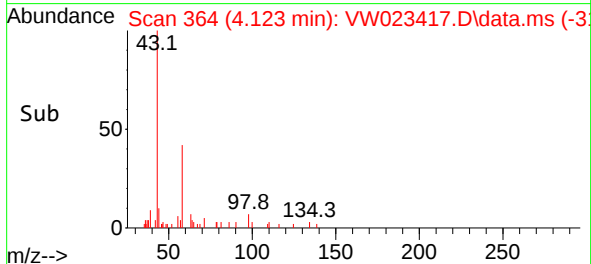
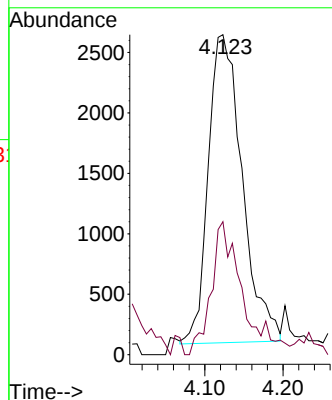
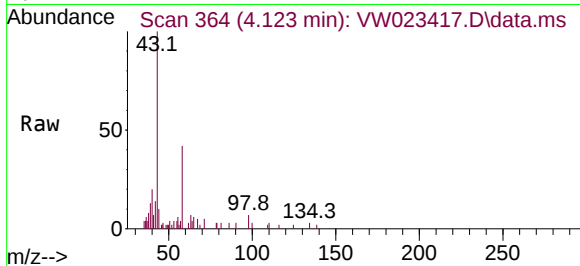




#13
Acetone
Concen: 12.688 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

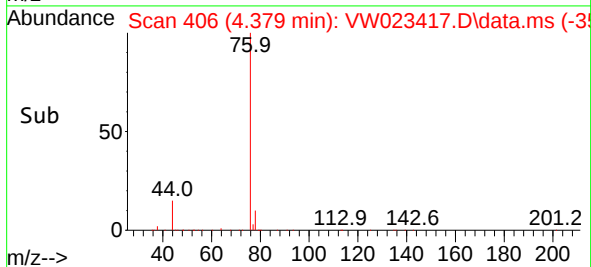
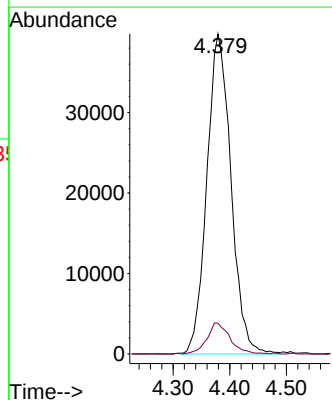
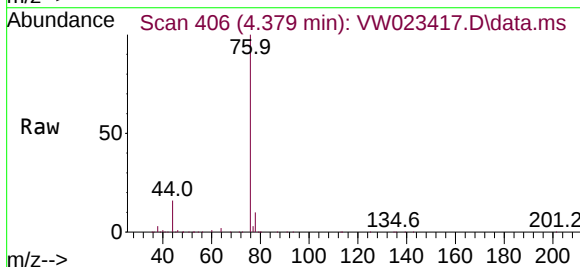
Instrument :
MSVOA_W
ClientSampleId :
EW4L5RE

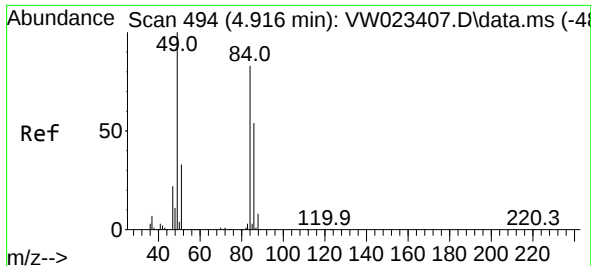
Tgt Ion: 43 Resp: 7669
Ion Ratio Lower Upper
43 100
58 33.5 0.0 64.0



#14
Carbon disulfide
Concen: 11.881 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

Tgt Ion: 76 Resp: 117525
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5

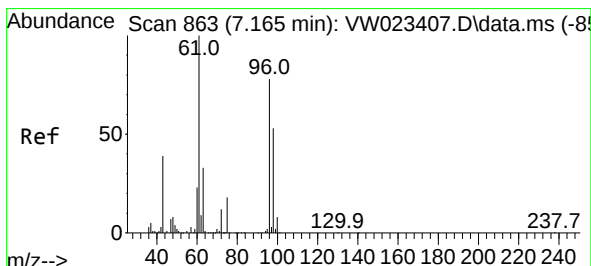
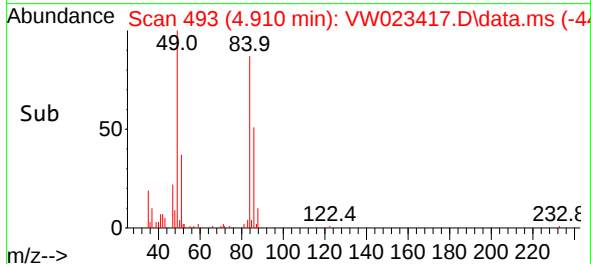
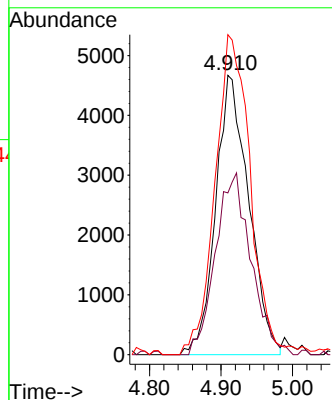
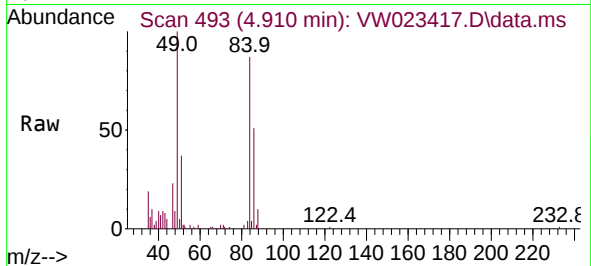




#16
Methylene chloride
Concen: 3.858 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

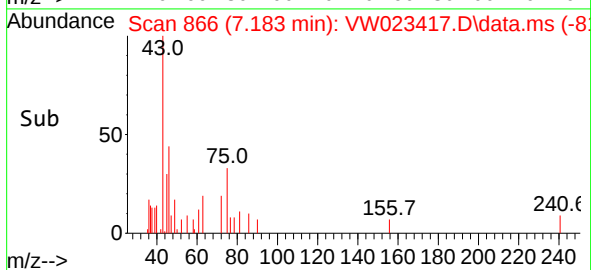
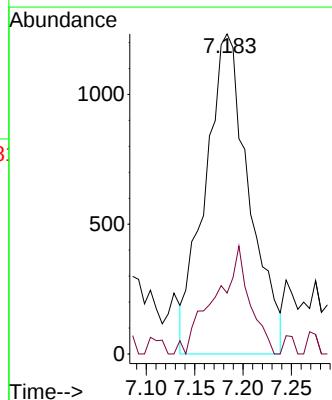
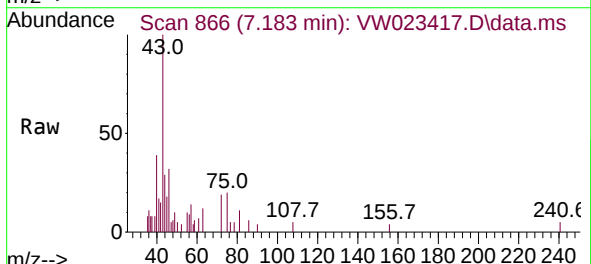
Instrument :
MSVOA_W
ClientSampleId :
EW4L5RE

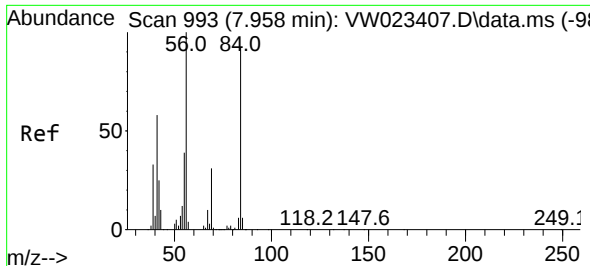
Tgt Ion: 84 Resp: 15001
Ion Ratio Lower Upper
84 100
86 55.4 45.4 84.4
49 109.6 82.5 153.1



#22
2-Butanone
Concen: 4.433 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

Tgt Ion: 43 Resp: 3899
Ion Ratio Lower Upper
43 100
72 26.2 15.1 45.3

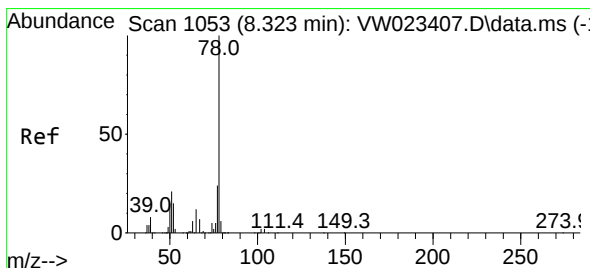
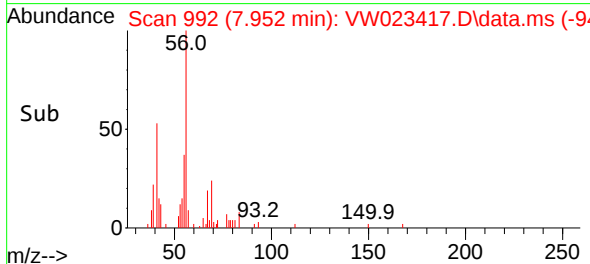
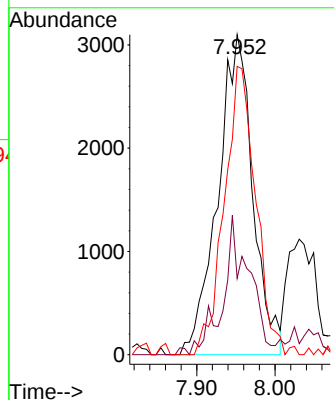
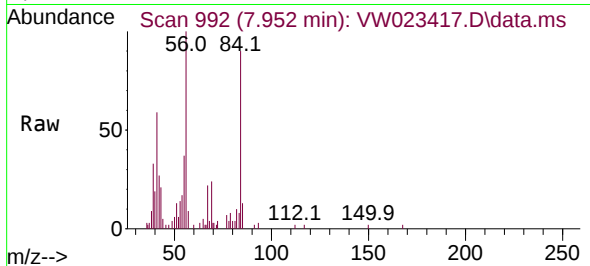




#29
Cyclohexane
Concen: 4.219 ug/L
RT: 7.952 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

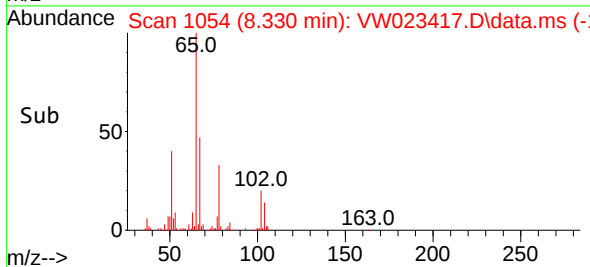
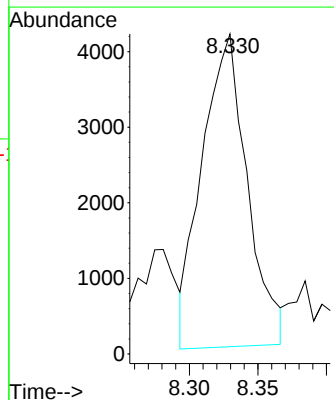
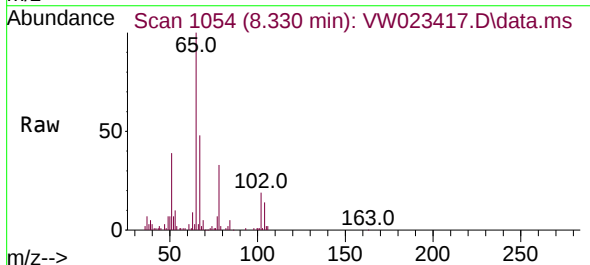
Instrument :
MSVOA_W
ClientSampleId :
EW4L5RE

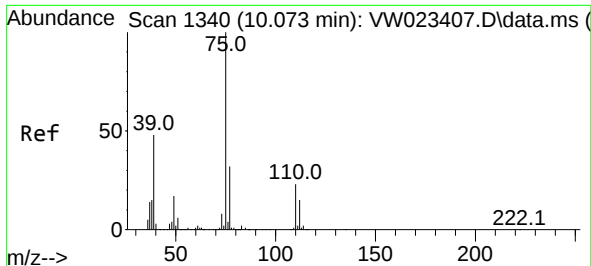
Tgt Ion: 56 Resp: 9622
Ion Ratio Lower Upper
56 100
69 12.3 25.6 38.4#
84 77.5 78.2 117.4#



#33
Benzene
Concen: 1.515 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

Tgt Ion: 78 Resp: 9492





#39

cis-1,3-Dichloropropene

Concen: 1.041 ug/L

RT: 10.031 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW023417.D

Acq: 07 Jun 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

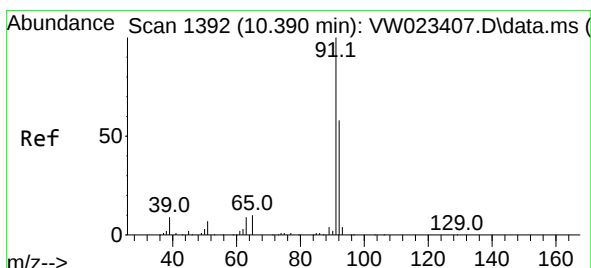
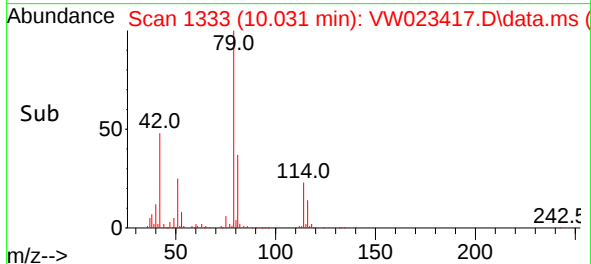
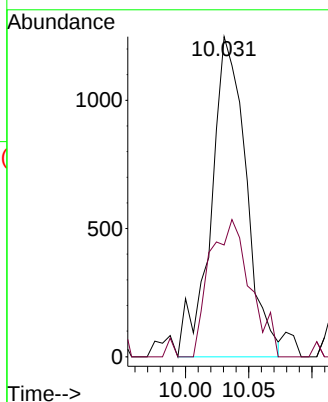
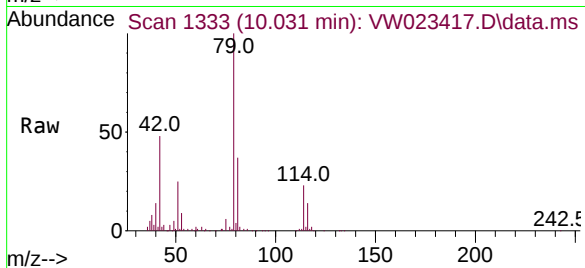
EW4L5RE

Tgt Ion: 75 Resp: 2394

Ion Ratio Lower Upper

75 100

77 34.9 22.1 41.1



#42

Toluene

Concen: 3.312 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW023417.D

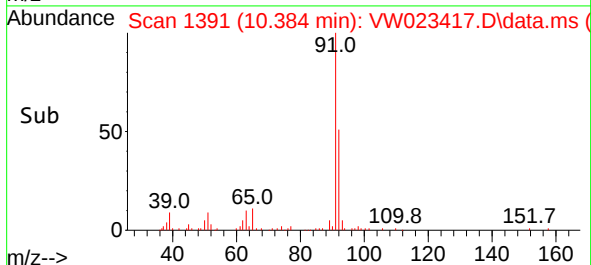
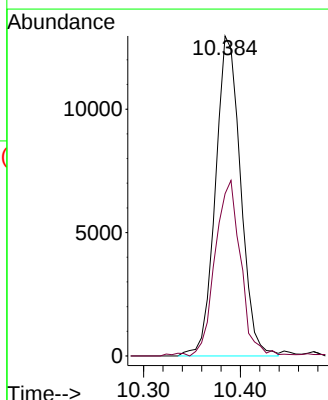
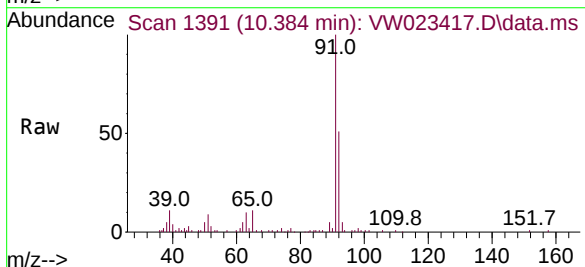
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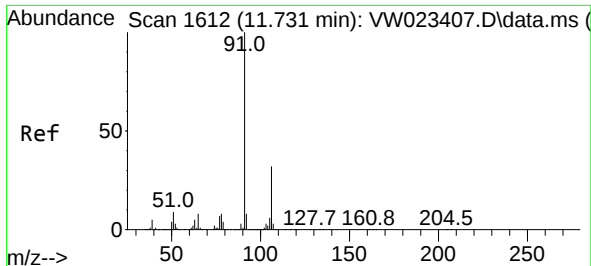
Tgt Ion: 91 Resp: 23394

Ion Ratio Lower Upper

91 100

92 50.7 41.6 77.2

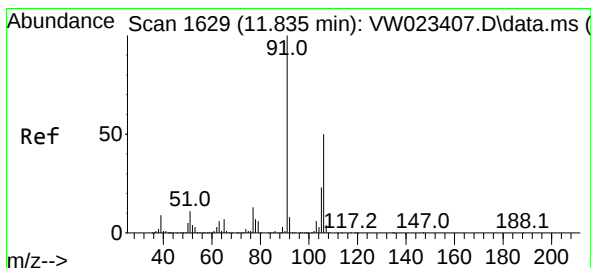
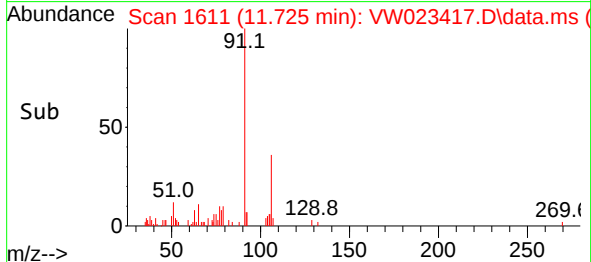
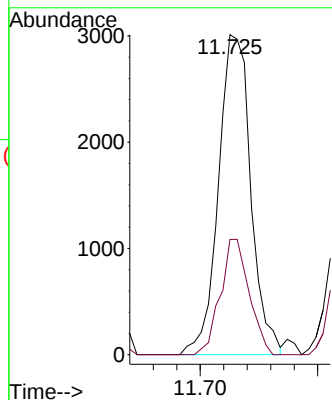
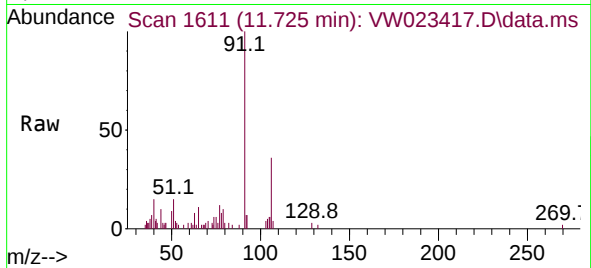




#52
Ethylbenzene
Concen: 0.740 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

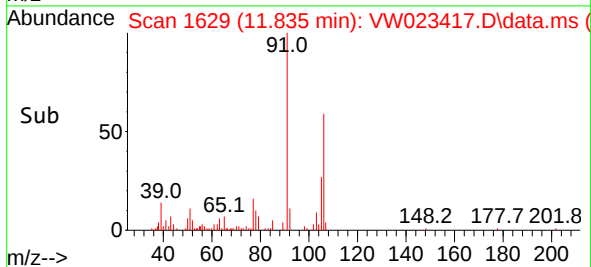
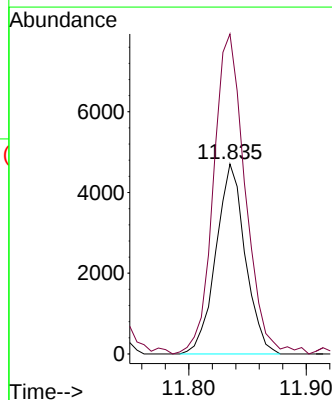
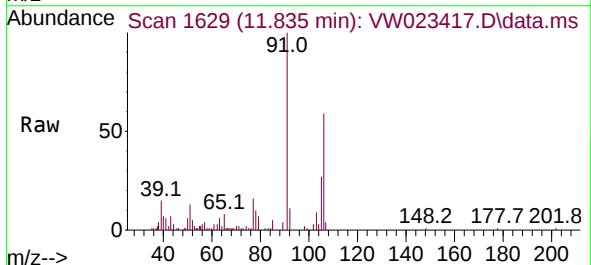
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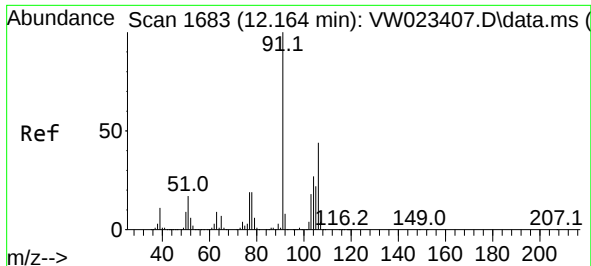
Tgt Ion: 91 Resp: 5762
Ion Ratio Lower Upper
91 100
106 36.0 22.3 41.3



#53
m,p-Xylene
Concen: 2.707 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

Tgt Ion: 106 Resp: 8155
Ion Ratio Lower Upper
106 100
91 168.5 136.8 254.0

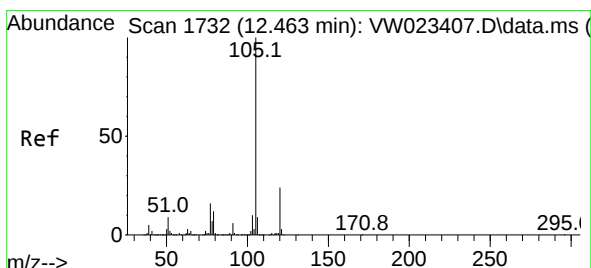
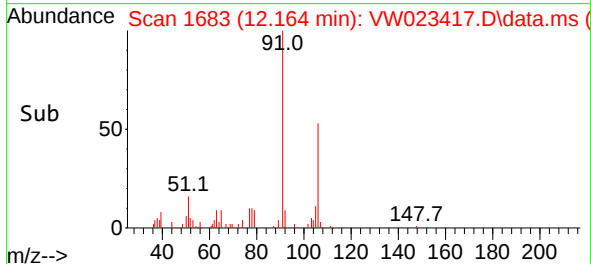
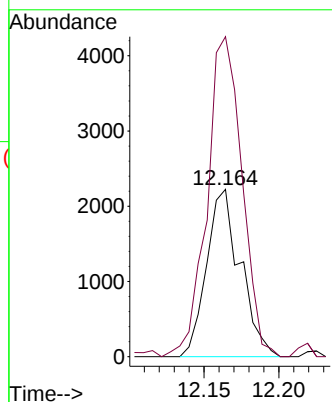
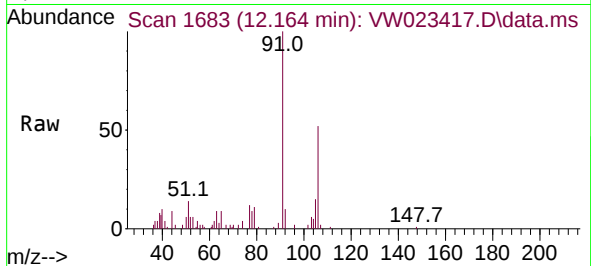




#54
o-Xylene
Concen: 1.207 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

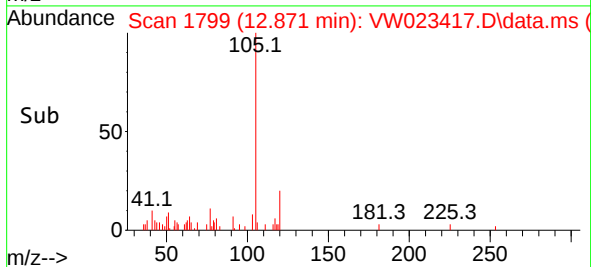
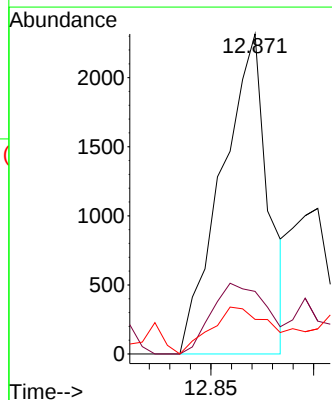
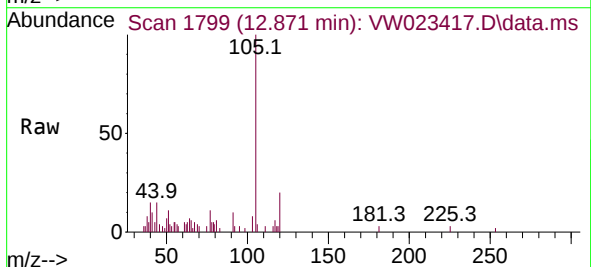
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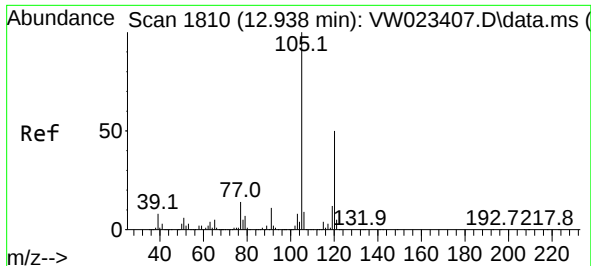
Tgt Ion:106 Resp: 3483
Ion Ratio Lower Upper
106 100
91 191.3 147.2 273.4



#60
Isopropylbenzene
Concen: 1.923 ug/L
RT: 12.871 min Scan# 1799
Delta R.T. 0.409 min
Lab File: VW023417.D
Acq: 07 Jun 2022 17:16

Tgt Ion:105 Resp: 3638
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 17.9 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 0.968 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023417.D

Acq: 07 Jun 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

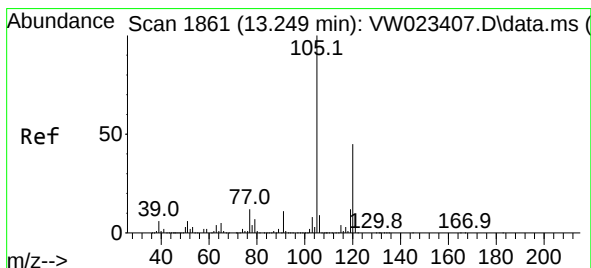
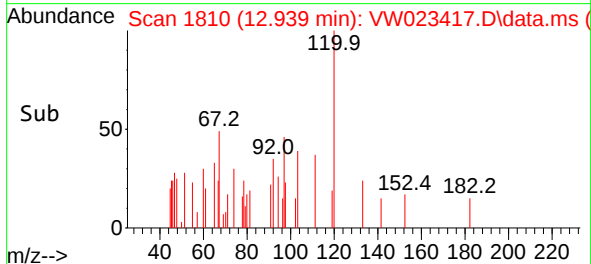
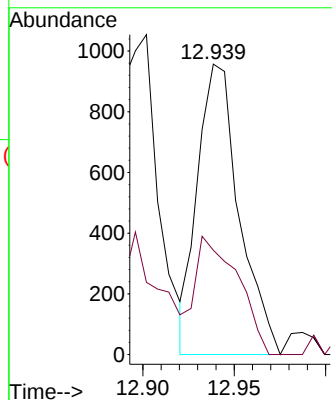
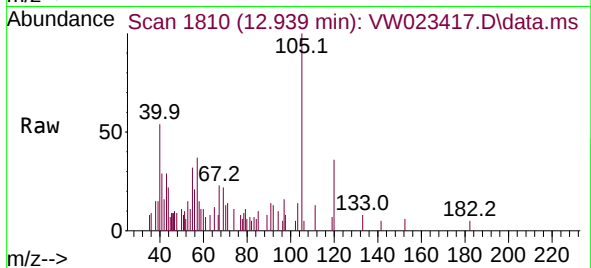
EW4L5RE

Tgt Ion:105 Resp: 1516

Ion Ratio Lower Upper

105 100

120 42.4 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 3.258 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023417.D

Acq: 07 Jun 2022 17:16

Tgt Ion:105 Resp: 5050

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.2

