

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023409.D
 Acq On : 07 Jun 2022 13:03
 Operator : SY/VA
 Sample : N3226-01
 Misc : 4.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4L2

Quant Time: Jun 08 01:21:27 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)

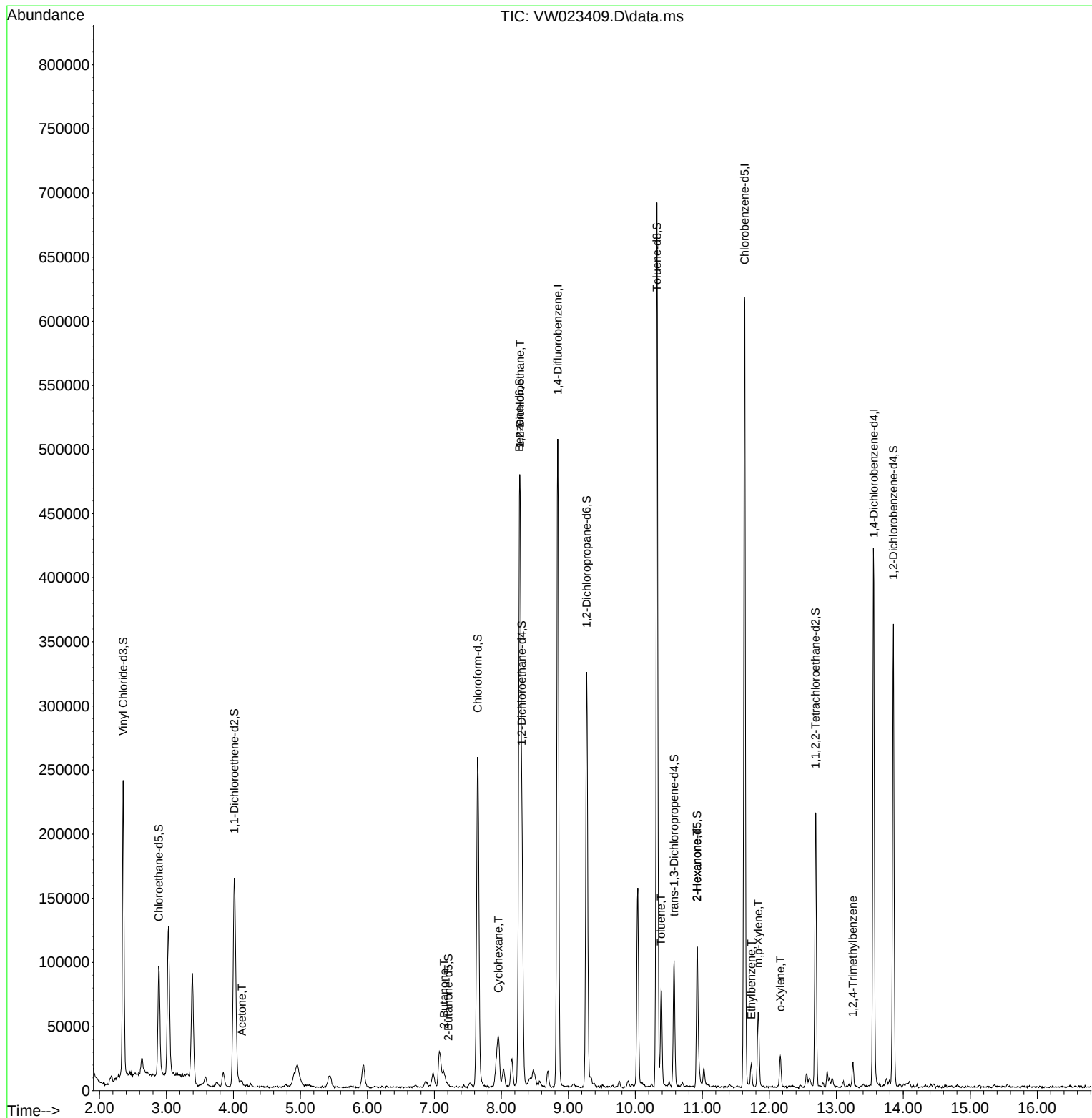
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	417142	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	340733	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	101010	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	141234	21.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
7) Chloroethane-d5	2.885	69	95049	20.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	4.013	63	159953	16.496	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.000%
21) 2-Butanone-d5	7.208	46	128	0.103	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.200%#
24) Chloroform-d	7.647	84	259941	23.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.305	65	139022	23.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.120%
32) Benzene-d6	8.268	84	495837	26.215	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.840%
36) 1,2-Dichloropropane-d6	9.274	67	142768	26.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.720%
41) Toluene-d8	10.323	98	436332	24.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.880%
43) trans-1,3-Dichloroprop...	10.579	79	53619	22.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.680%
47) 2-Hexanone-d5	10.920	63	35157	44.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	102484	22.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	84477	23.106	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.440%
Target Compounds					Qvalue	
13) Acetone	4.129	43	5414	5.796	ug/L	74
22) 2-Butanone	7.147	43	7661	5.636	ug/L #	48
27) 1,2-Dichloroethane	8.281	62	3392	0.512	ug/L	97
29) Cyclohexane	7.958	56	21012	2.886	ug/L	93
42) Toluene	10.384	91	54953	2.437	ug/L	99
48) 2-Hexanone	10.920	43	5271	3.199	ug/L #	70
52) Ethylbenzene	11.731	91	11468	0.462	ug/L	91
53) m,p-Xylene	11.835	106	17172	1.786	ug/L	90
54) o-Xylene	12.164	106	6525	0.708	ug/L	84
63) 1,2,4-Trimethylbenzene	13.249	105	10049	0.849	ug/L	94

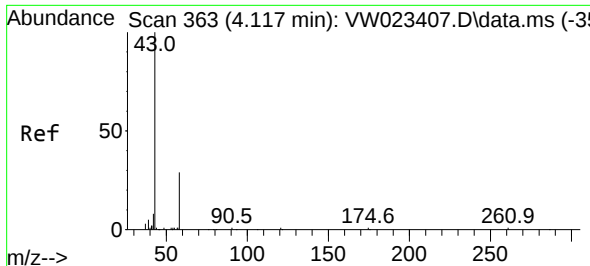
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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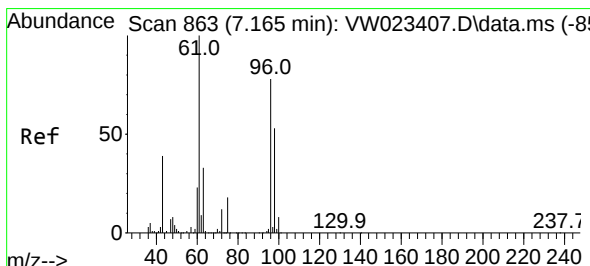
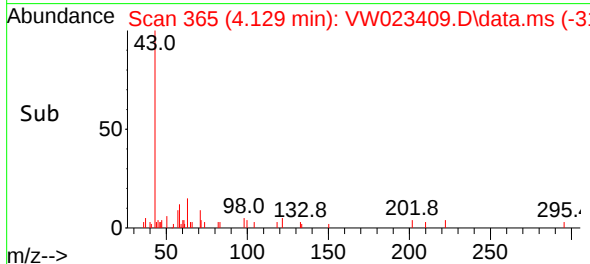
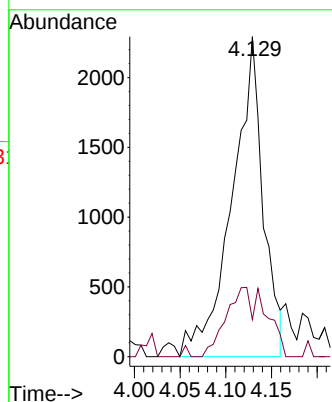
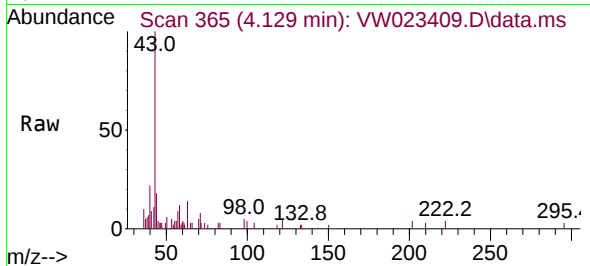




#13
Acetone
Concen: 5.796 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW023409.D
Acq: 07 Jun 2022 13:03

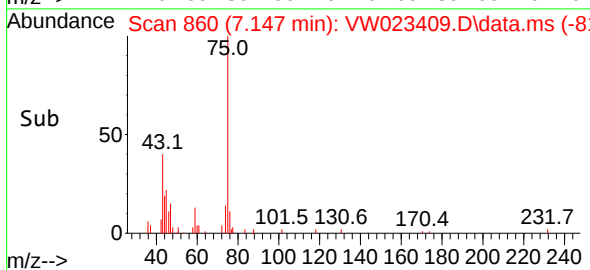
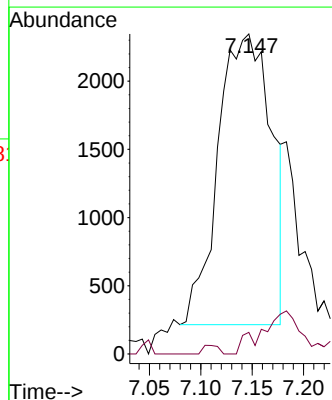
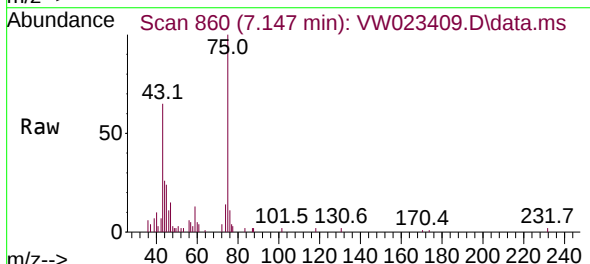
Instrument :
MSVOA_W
ClientSampleId :
EW4L2

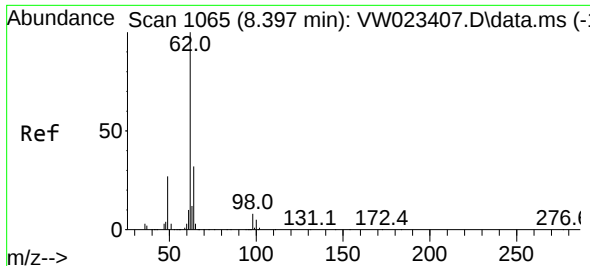
Tgt Ion: 43 Resp: 5414
Ion Ratio Lower Upper
43 100
58 17.6 0.0 64.0



#22
2-Butanone
Concen: 5.636 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW023409.D
Acq: 07 Jun 2022 13:03

Tgt Ion: 43 Resp: 7661
Ion Ratio Lower Upper
43 100
72 1.7 15.1 45.3#





#27

1,2-Dichloroethane

Concen: 0.512 ug/L

RT: 8.281 min Scan# 1046

Delta R.T. -0.116 min

Lab File: VW023409.D

Acq: 07 Jun 2022 13:03

Instrument :

MSVOA_W

ClientSampleId :

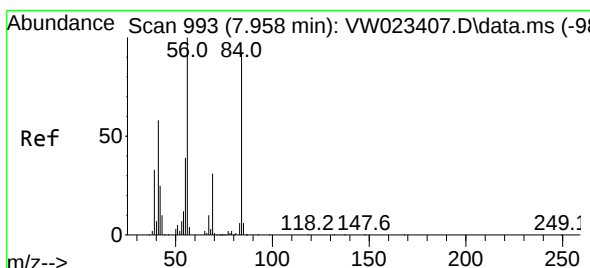
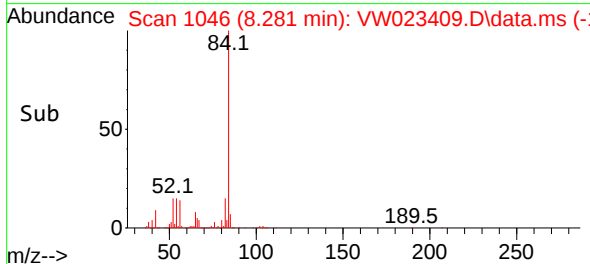
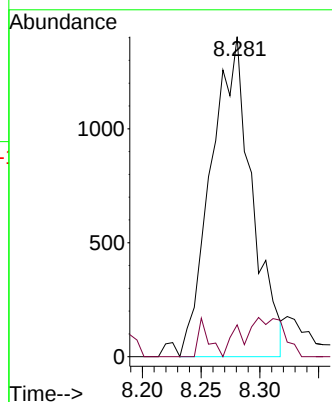
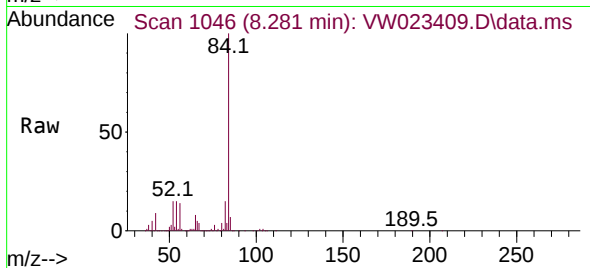
EW4L2

Tgt Ion: 62 Resp: 3392

Ion Ratio Lower Upper

62 100

98 10.0 7.2 10.8



#29

Cyclohexane

Concen: 2.886 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023409.D

Acq: 07 Jun 2022 13:03

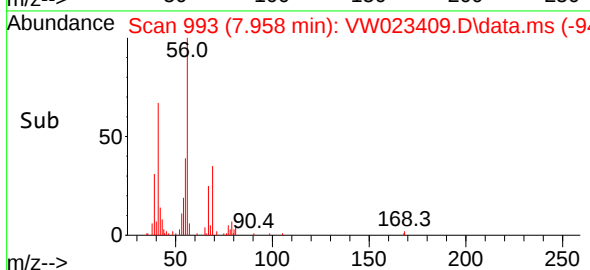
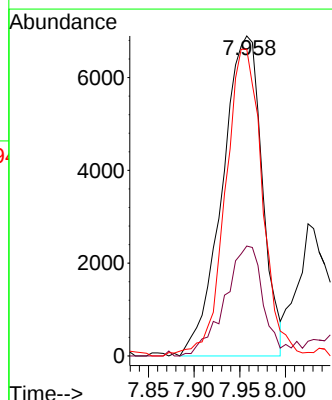
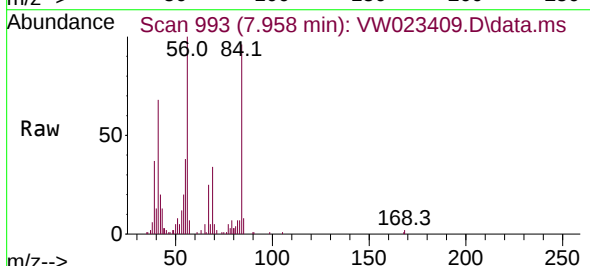
Tgt Ion: 56 Resp: 21012

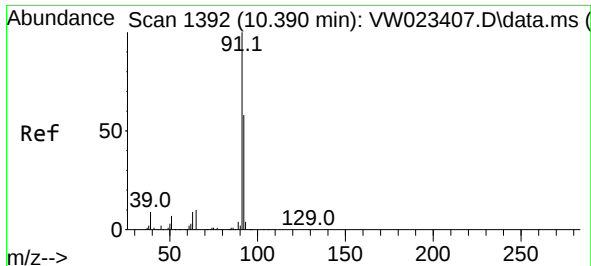
Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 88.4 78.2 117.4

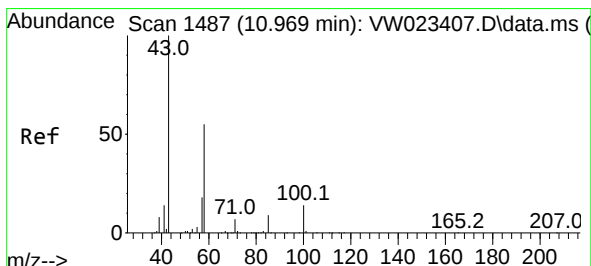
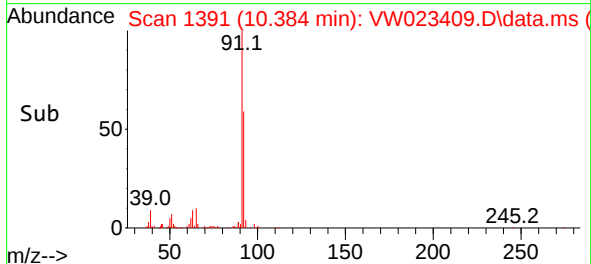
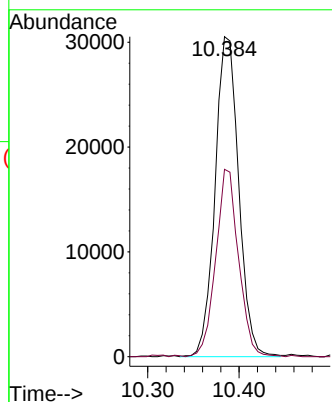
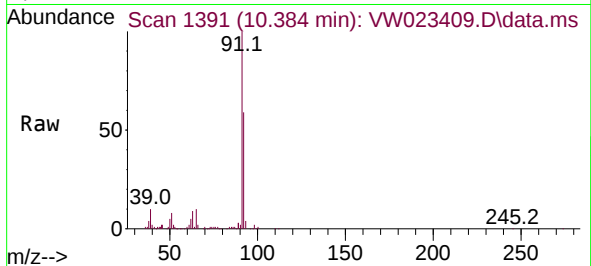




#42
Toluene
Concen: 2.437 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023409.D
Acq: 07 Jun 2022 13:03

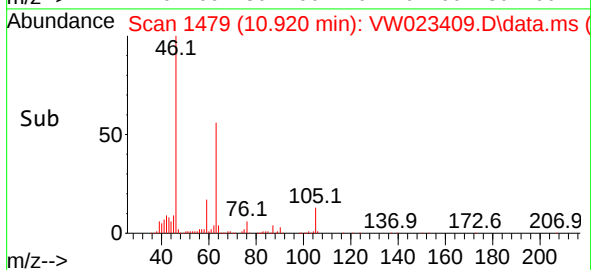
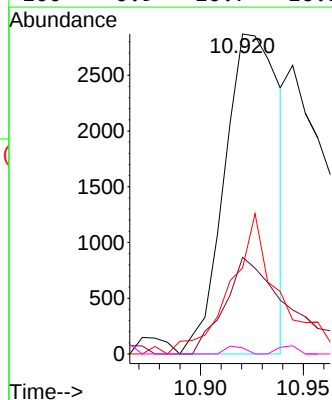
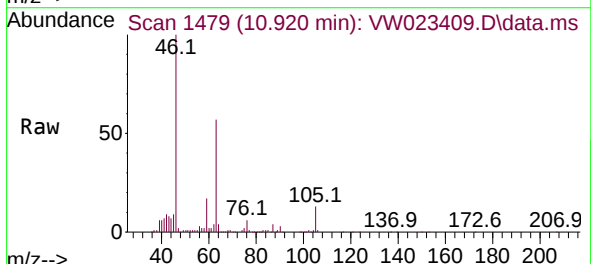
Instrument :
MSVOA_W
ClientSampleId :
EW4L2

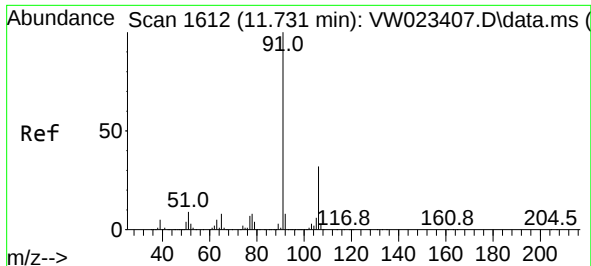
Tgt Ion: 91 Resp: 54953
Ion Ratio Lower Upper
91 100
92 58.6 41.6 77.2



#48
2-Hexanone
Concen: 3.199 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW023409.D
Acq: 07 Jun 2022 13:03

Tgt Ion: 43 Resp: 5271
Ion Ratio Lower Upper
43 100
58 36.8 45.9 68.9#
57 36.2 16.2 24.2#
100 0.9 10.7 16.1#

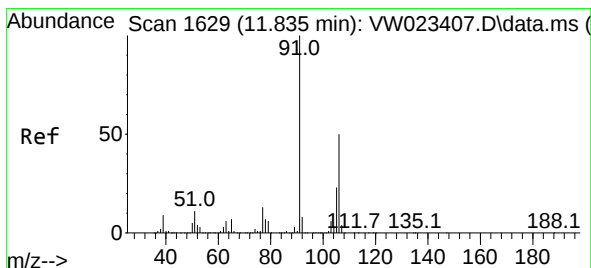
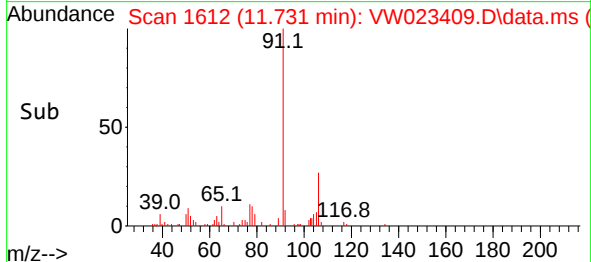
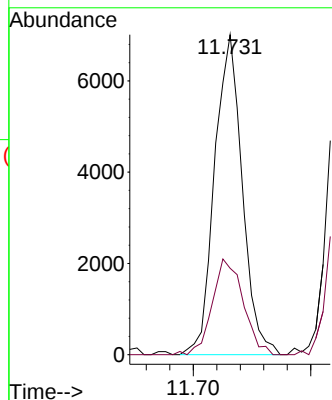
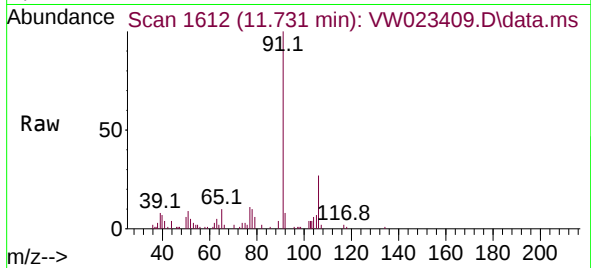




#52
Ethylbenzene
Concen: 0.462 ug/L
RT: 11.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023409.D
Acq: 07 Jun 2022 13:03

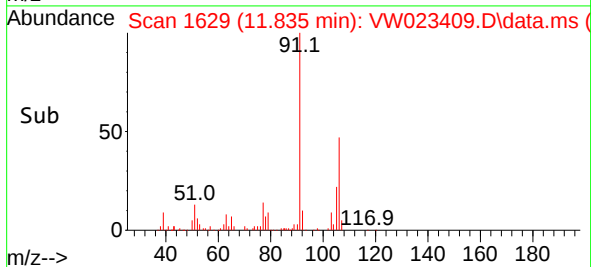
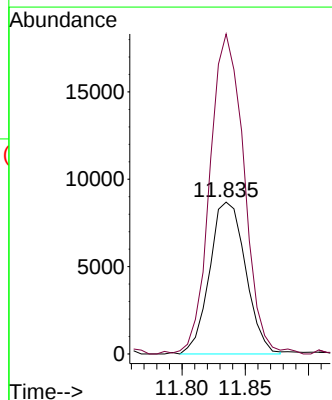
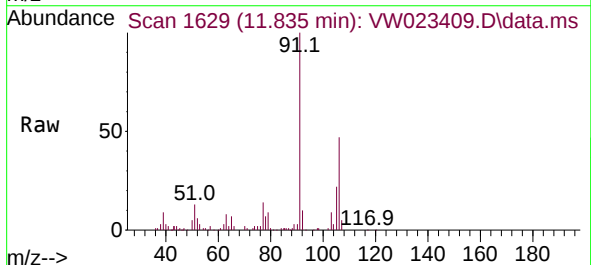
Instrument :
MSVOA_W
ClientSampleId :
EW4L2

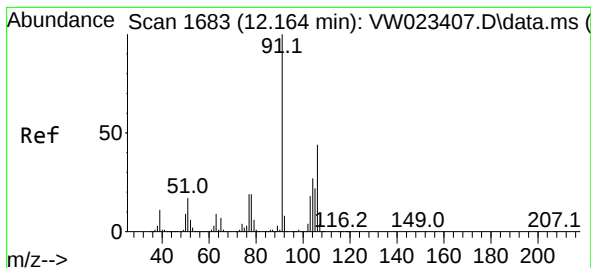
Tgt Ion: 91 Resp: 11468
Ion Ratio Lower Upper
91 100
106 27.0 22.3 41.3



#53
m,p-Xylene
Concen: 1.786 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023409.D
Acq: 07 Jun 2022 13:03

Tgt Ion:106 Resp: 17172
Ion Ratio Lower Upper
106 100
91 210.8 136.8 254.0





#54

o-Xylene

Concen: 0.708 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023409.D

Acq: 07 Jun 2022 13:03

Instrument :

MSVOA_W

ClientSampleId :

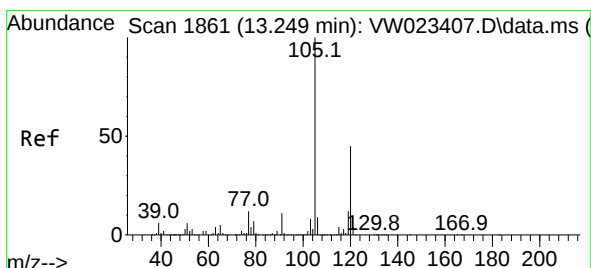
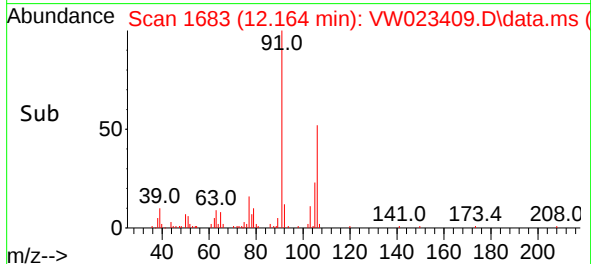
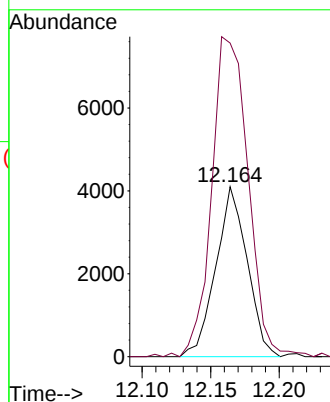
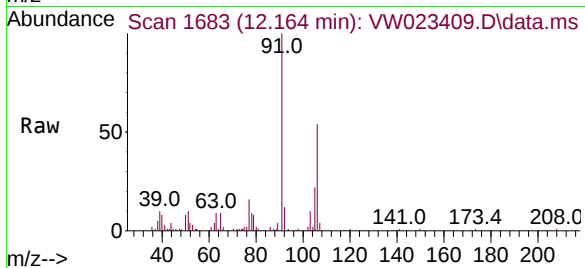
EW4L2

Tgt Ion:106 Resp: 6525

Ion Ratio Lower Upper

106 100

91 184.5 147.2 273.4



#63

1,2,4-Trimethylbenzene

Concen: 0.849 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023409.D

Acq: 07 Jun 2022 13:03

Tgt Ion:105 Resp: 10049

Ion Ratio Lower Upper

105 100

120 42.6 37.4 56.2

