

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026388.D
 Acq On : 28 Jun 2023 11:11
 Operator : SY/MD
 Sample : 03421-24
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4660

Quant Time: Jun 28 23:49:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

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

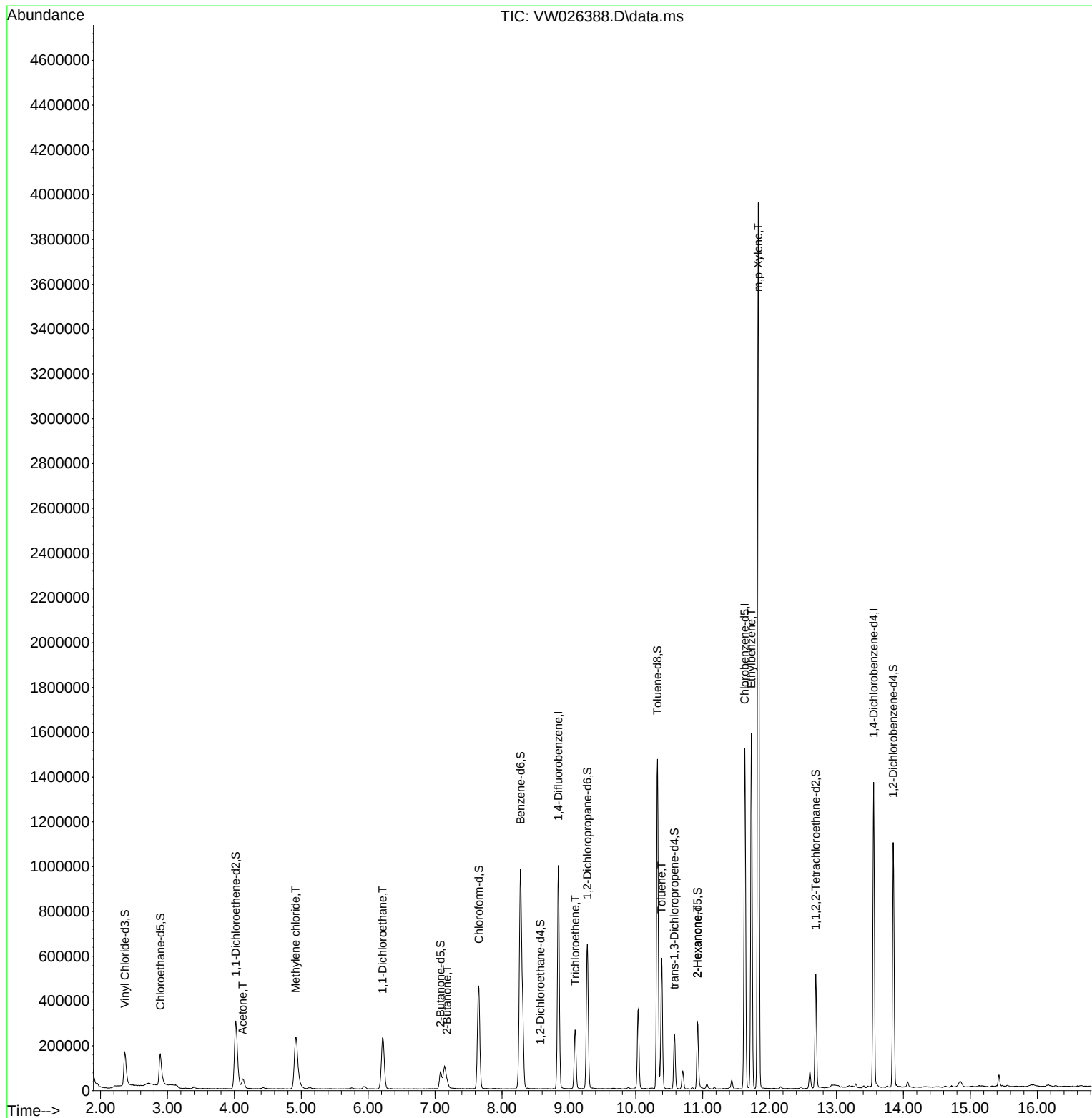
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	752655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	797669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247754	22.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
7) Chloroethane-d5	2.893	69	205377	26.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.680%
11) 1,1-Dichloroethene-d2	4.021	65	120662	24.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.480%
21) 2-Butanone-d5	7.081	46	136190	39.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.260%
24) Chloroform-d	7.654	84	455006	21.334	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	8.575	65	185	0.015	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	935967	18.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.840%
36) 1,2-Dichloropropane-d6	9.276	67	289767	18.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.240%
41) Toluene-d8	10.325	98	921463	21.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	10.575	79	135398	21.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.080%
47) 2-Hexanone-d5	10.922	63	104486	42.406	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	256479	20.305	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	250112	22.961	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.840%
Target Compounds					Qvalue	
13) Acetone	4.125	43	76854	27.941	ug/L	98
16) Methylene chloride	4.917	84	201162	15.794	ug/L	94
19) 1,1-Dichloroethane	6.216	63	339483	15.154	ug/L	98
22) 2-Butanone	7.179	43	51292	12.187	ug/L	98
34) Trichloroethene	9.093	95	91781	6.653	ug/L	96
42) Toluene	10.386	91	405088	7.494	ug/L	100
48) 2-Hexanone	10.922	43	13415	1.957	ug/L #	71
52) Ethylbenzene	11.727	91	1071219	17.588	ug/L	97
53) m,p-Xylene	11.830	106	1022961	46.054	ug/L	97

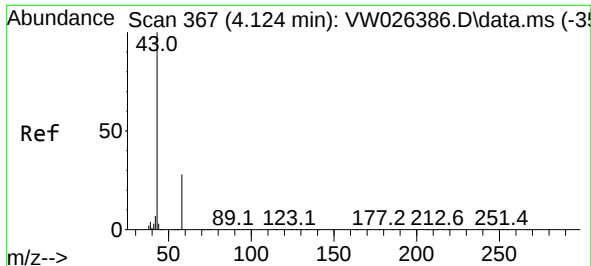
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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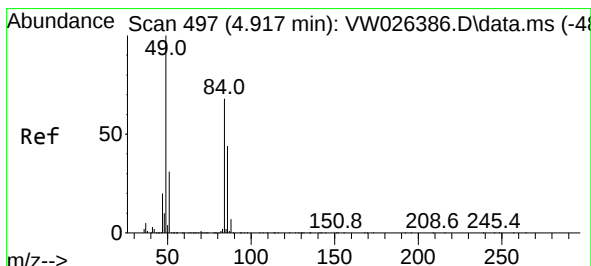
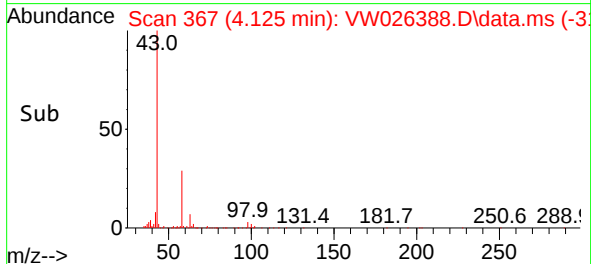
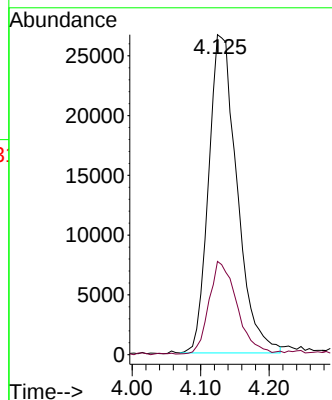
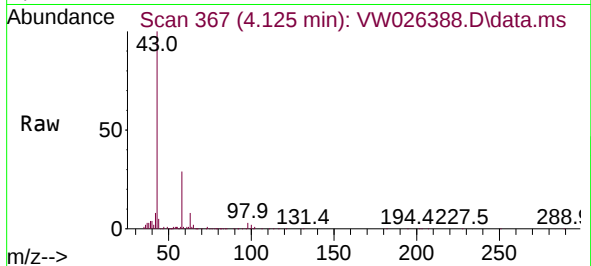




#13
Acetone
Concen: 27.941 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026388.D
Acq: 28 Jun 2023 11:11

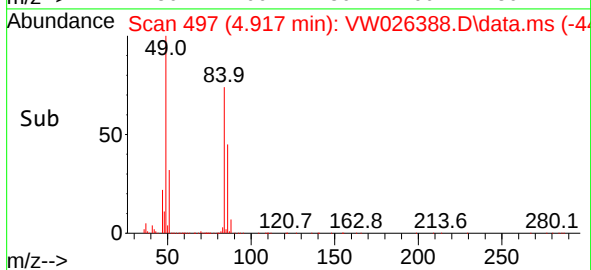
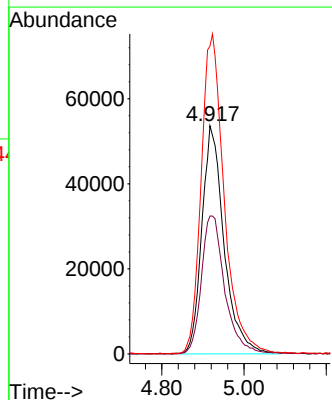
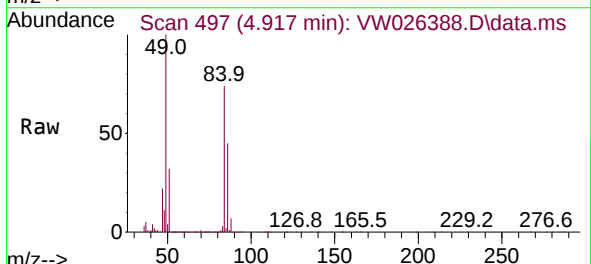
Instrument :
MSVOA_W
ClientSampleId :
A4660

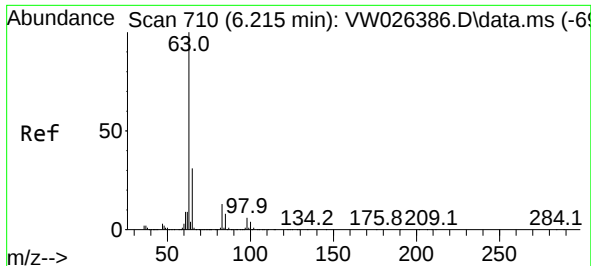
Tgt Ion: 43 Resp: 76854
Ion Ratio Lower Upper
43 100
58 28.7 0.0 55.8



#16
Methylene chloride
Concen: 15.794 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026388.D
Acq: 28 Jun 2023 11:11

Tgt Ion: 84 Resp: 201162
Ion Ratio Lower Upper
84 100
86 60.5 43.9 81.5
49 134.9 100.4 186.4





#19

1,1-Dichloroethane

Concen: 15.154 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026388.D

Acq: 28 Jun 2023 11:11

Instrument :

MSVOA_W

ClientSampleId :

A4660

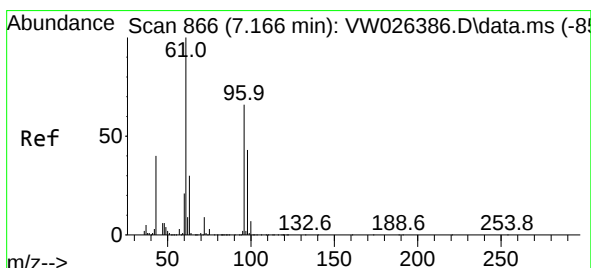
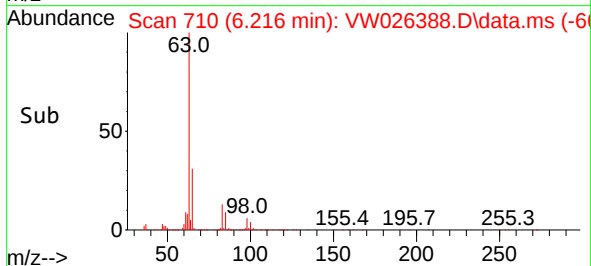
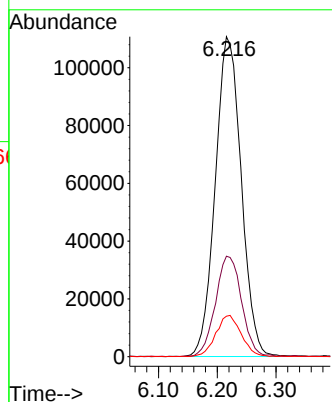
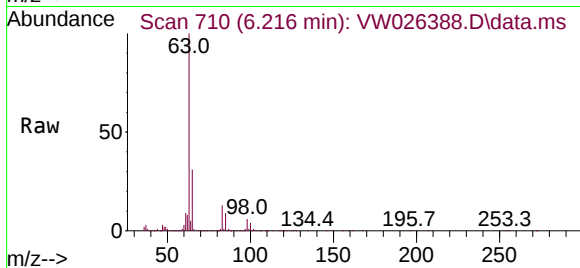
Tgt Ion: 63 Resp: 339483

Ion Ratio Lower Upper

63 100

65 31.4 22.8 42.4

83 12.6 8.7 16.1



#22

2-Butanone

Concen: 12.187 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.013 min

Lab File: VW026388.D

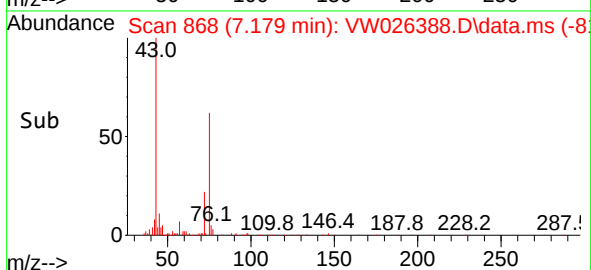
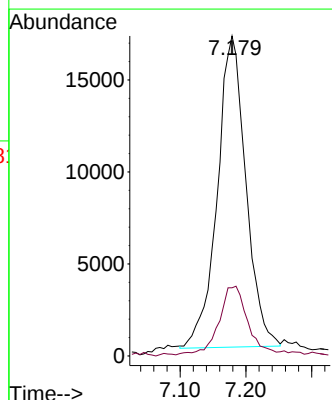
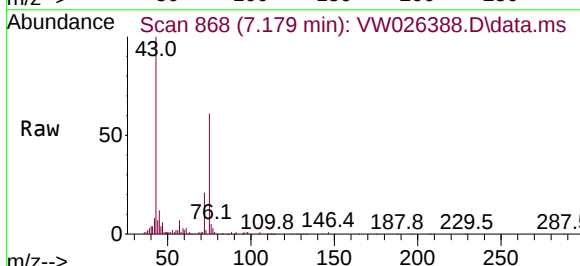
Acq: 28 Jun 2023 11:11

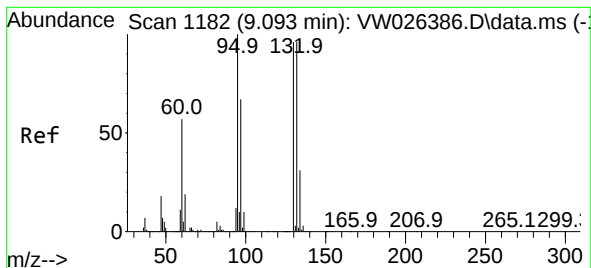
Tgt Ion: 43 Resp: 51292

Ion Ratio Lower Upper

43 100

72 22.5 11.8 35.3





#34

Trichloroethene

Concen: 6.653 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026388.D

Acq: 28 Jun 2023 11:11

Instrument :

MSVOA_W

ClientSampleId :

A4660

Tgt Ion: 95 Resp: 91781

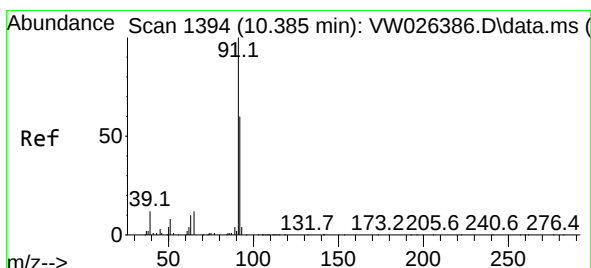
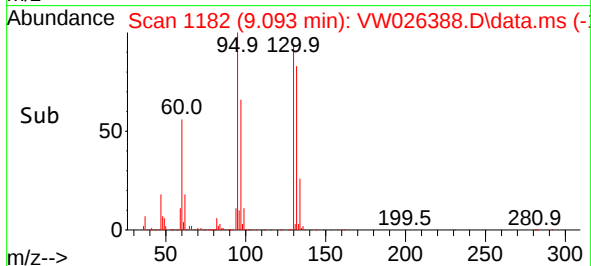
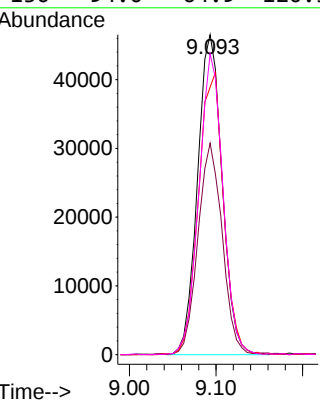
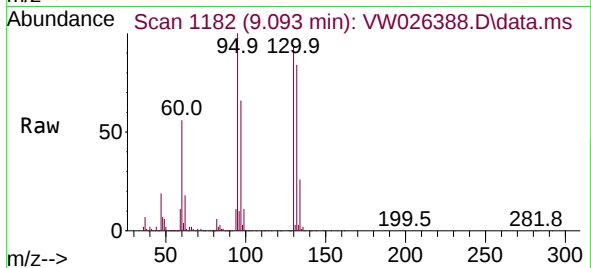
Ion Ratio Lower Upper

95 100

97 66.1 44.5 82.7

132 83.6 63.3 117.5

130 94.0 64.9 120.5



#42

Toluene

Concen: 7.494 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026388.D

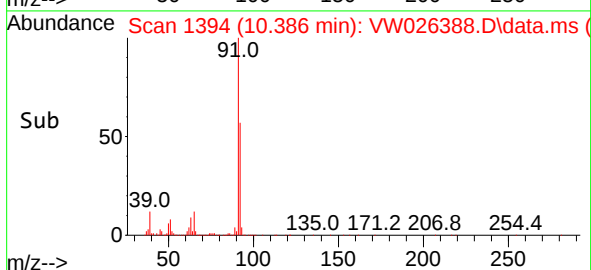
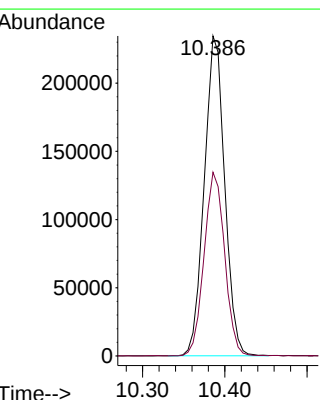
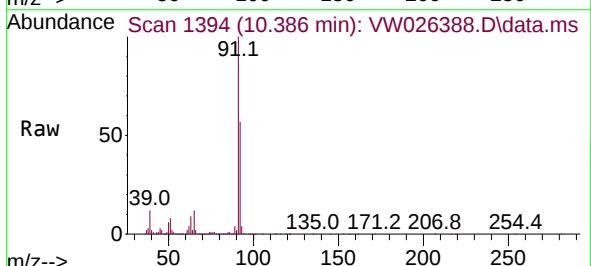
Acq: 28 Jun 2023 11:11

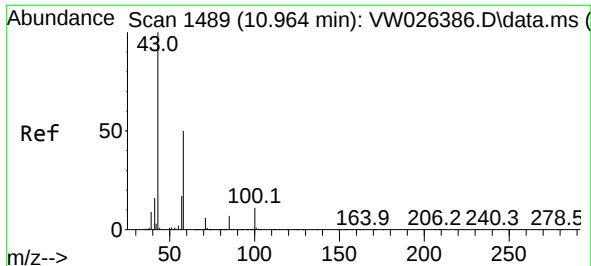
Tgt Ion: 91 Resp: 405088

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.8

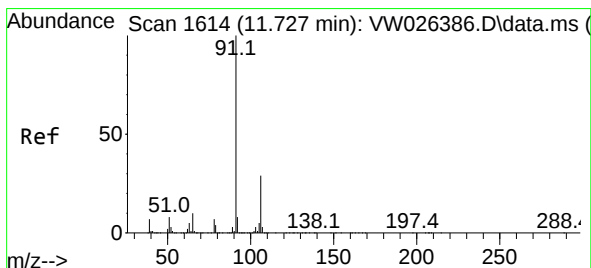
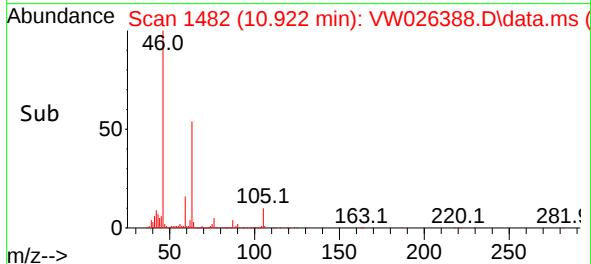
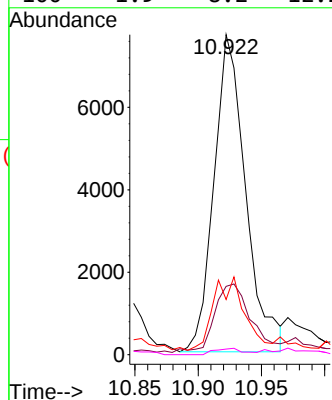
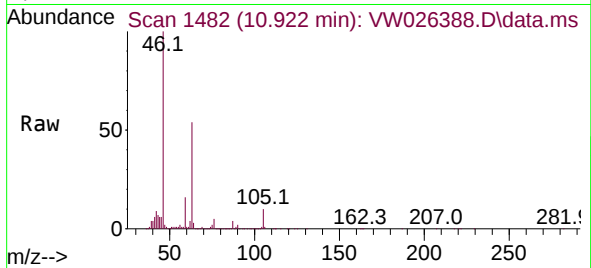




#48
2-Hexanone
Concen: 1.957 ug/L
RT: 10.922 min Scan# 1489
Delta R.T. -0.042 min
Lab File: VW026388.D
Acq: 28 Jun 2023 11:11

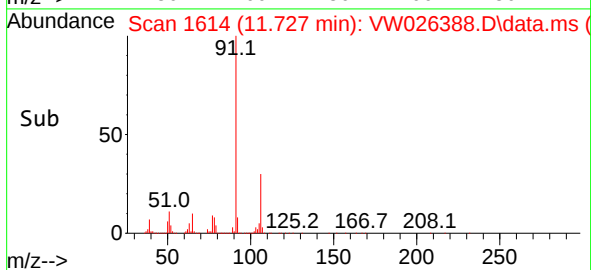
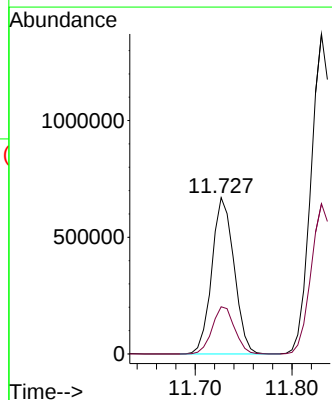
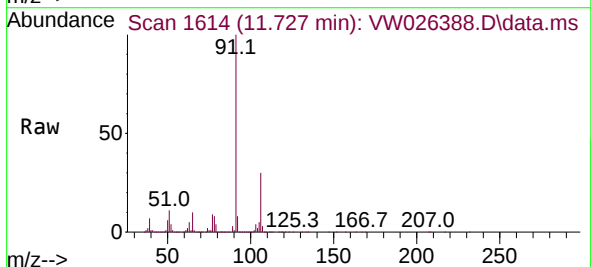
Instrument :
MSVOA_W
ClientSampleId :
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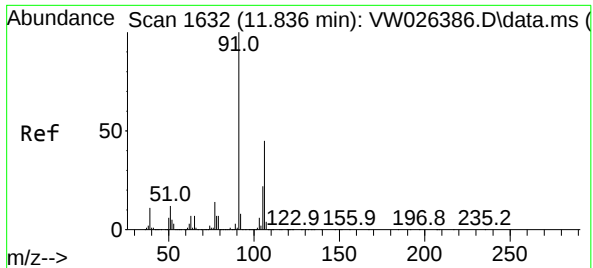
Tgt Ion: 43 Resp: 13415
Ion Ratio Lower Upper
43 100
58 25.9 40.1 60.1#
57 22.8 13.4 20.0#
100 1.9 8.2 12.2#



#52
Ethylbenzene
Concen: 17.588 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026388.D
Acq: 28 Jun 2023 11:11

Tgt Ion: 91 Resp: 1071219
Ion Ratio Lower Upper
91 100
106 30.2 19.9 36.9





#53
 m,p-Xylene
 Concen: 46.054 ug/L
 RT: 11.830 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW026388.D
 Acq: 28 Jun 2023 11:11

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:106 Resp: 1022961
 Ion Ratio Lower Upper
 106 100
 91 212.9 152.1 282.5

