

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027146.D
 Acq On : 19 Sep 2023 14:40
 Operator : SY/MD
 Sample : 04472-14
 Misc : 6.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 01:36:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 20 01:34:37 2023
 Response via : Initial Calibration

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

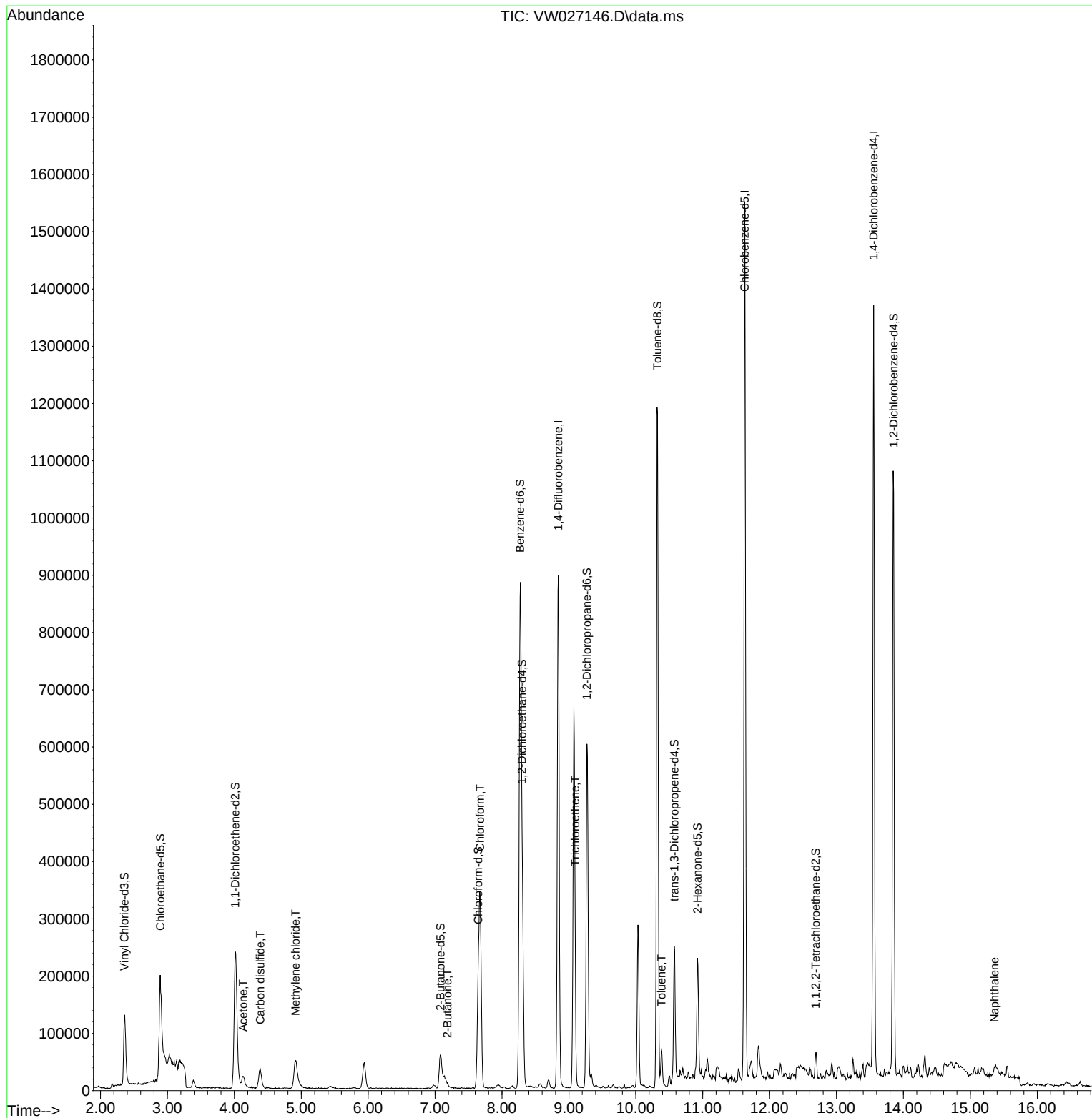
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	793347	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	779206	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	310922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	165278	12.948	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.800%
7) Chloroethane-d5	2.893	69	228873	23.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.880%
11) 1,1-Dichloroethene-d2	4.015	65	83080	15.181	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.720%
21) 2-Butanone-d5	7.081	46	97239	41.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.280%
24) Chloroform-d	7.642	84	183901	7.716	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	30.880%#
26) 1,2-Dichloroethane-d4	8.300	65	246813	21.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.880%
32) Benzene-d6	8.270	84	960862	19.094	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.360%
36) 1,2-Dichloropropane-d6	9.270	67	300693	21.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.480%
41) Toluene-d8	10.325	98	829252	18.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.080%
43) trans-1,3-Dichloroprop...	10.574	79	130135	22.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.480%
47) 2-Hexanone-d5	10.922	63	64660	37.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	22973	2.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	8.040%#
66) 1,2-Dichlorobenzene-d4	13.854	152	272179	24.513	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds					Qvalue	
13) Acetone	4.131	43	35438	15.871	ug/L	98
14) Carbon disulfide	4.387	76	79642	2.065	ug/L	98
16) Methylene chloride	4.917	84	45890	3.040	ug/L	95
22) 2-Butanone	7.185	43	11631	3.856	ug/L	93
25) Chloroform	7.673	83	296948	13.132	ug/L	100
34) Trichloroethene	9.093	95	13256	0.975	ug/L	90
42) Toluene	10.385	91	48823	0.898	ug/L	93
71) Naphthalene	15.360	128	13505	0.722	ug/L #	90

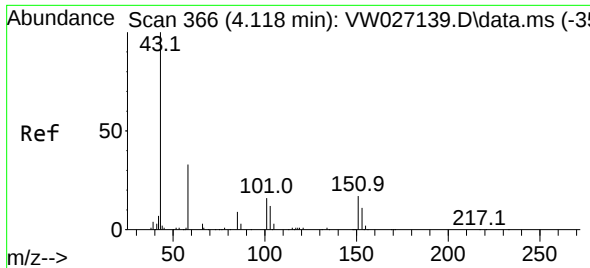
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Sep 20 01:34:37 2023
Response via : Initial Calibration





#13

Acetone

Concen: 15.871 ug/L

RT: 4.131 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW027146.D

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Instrument :

MSVOA_W

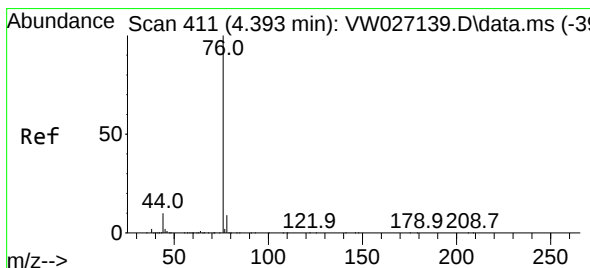
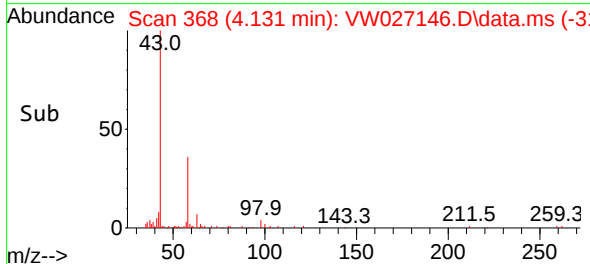
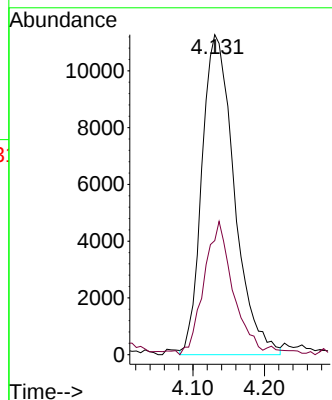
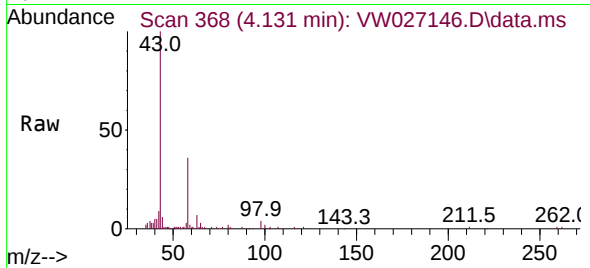
ClientSampleId :

Tgt Ion: 43 Resp: 35438

Ion Ratio Lower Upper

43 100

58 37.2 0.0 77.4



#14

Carbon disulfide

Concen: 2.065 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW027146.D

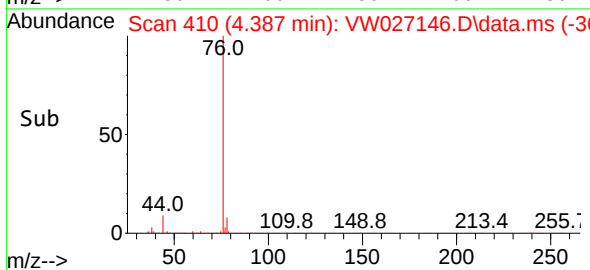
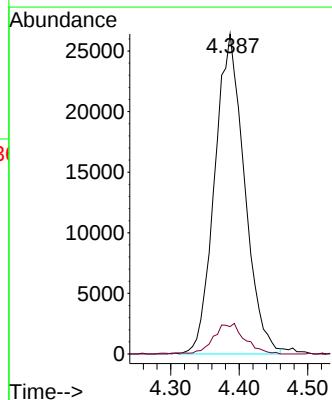
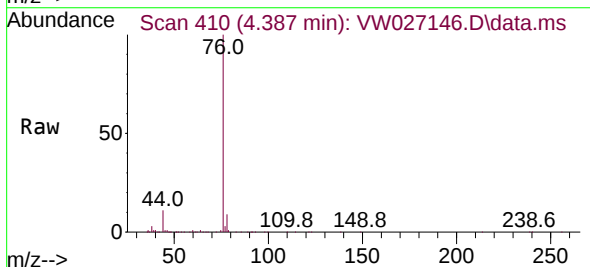
Acq: 19 Sep 2023 14:40

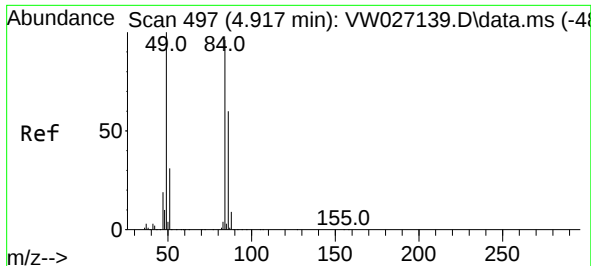
Tgt Ion: 76 Resp: 79642

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

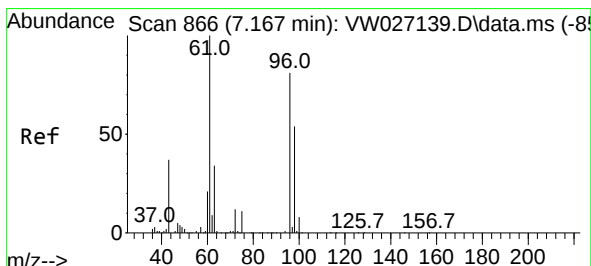
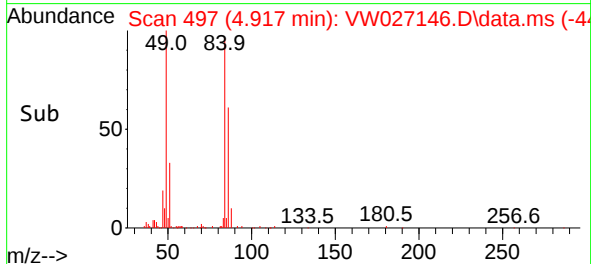
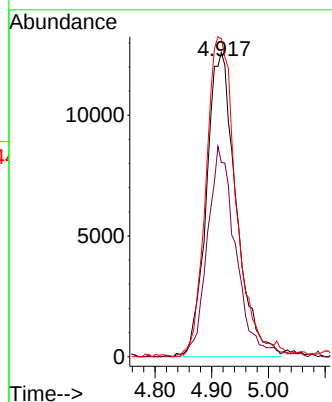
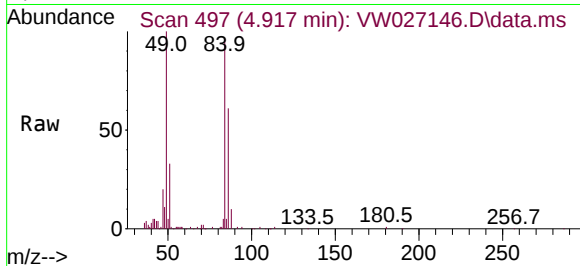




#16
Methylene chloride
Concen: 3.040 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW027146.D
Acq: 19 Sep 2023 14:40

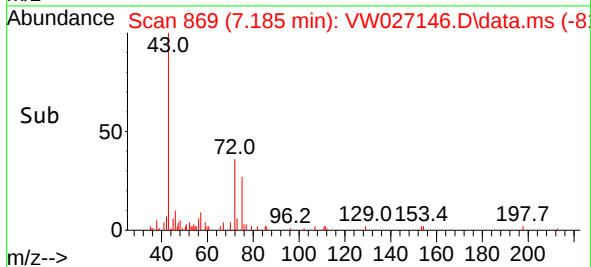
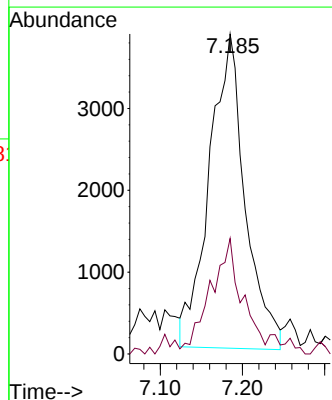
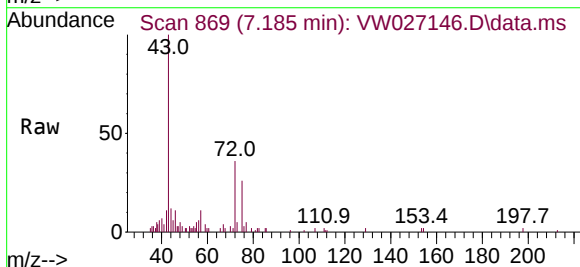
Instrument :
MSVOA_W
ClientSampleId :

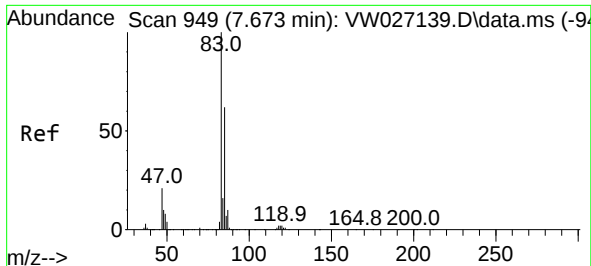
Tgt Ion: 84 Resp: 45890
Ion Ratio Lower Upper
84 100
86 63.8 46.7 86.7
49 104.5 77.1 143.1



#22
2-Butanone
Concen: 3.856 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.018 min
Lab File: VW027146.D
Acq: 19 Sep 2023 14:40

Tgt Ion: 43 Resp: 11631
Ion Ratio Lower Upper
43 100
72 29.4 16.8 50.4

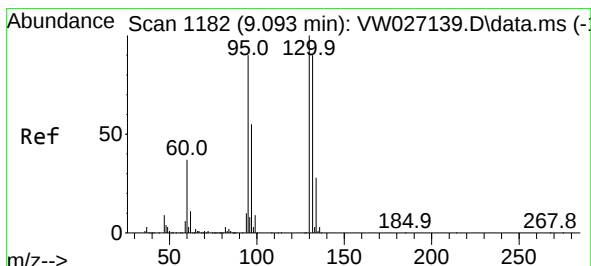
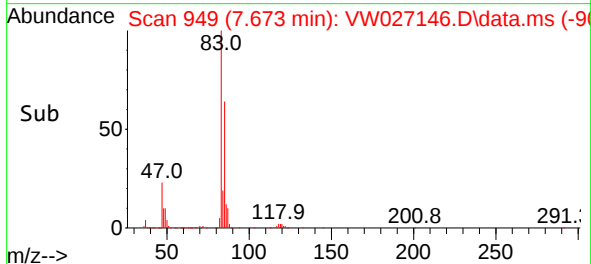
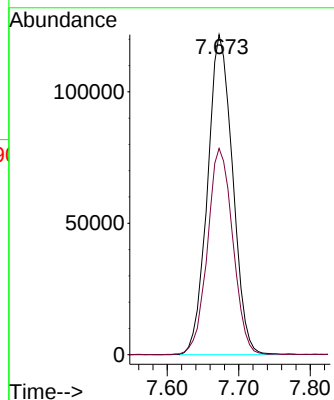
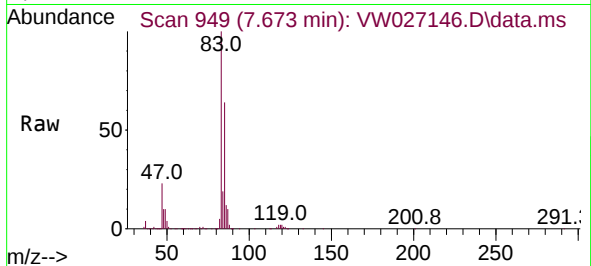




#25
Chloroform
Concen: 13.132 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW027146.D
Acq: 19 Sep 2023 14:40

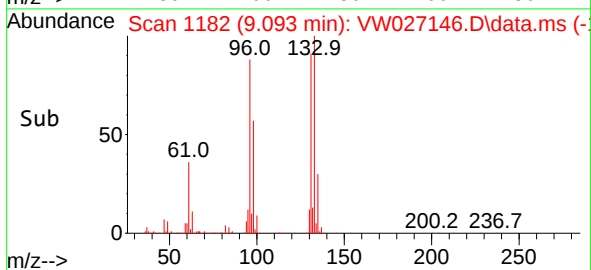
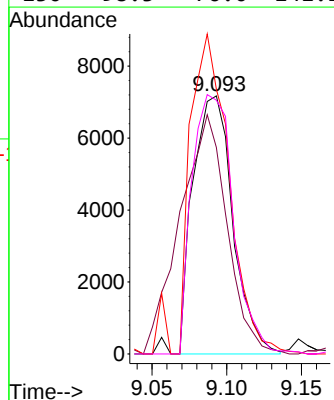
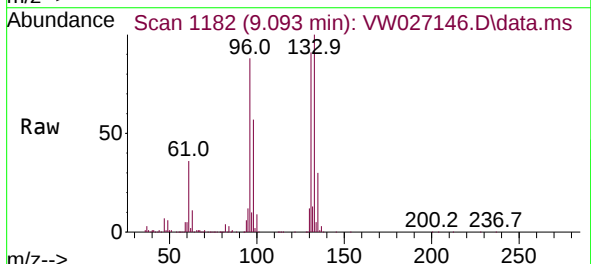
Instrument :
MSVOA_W
ClientSampleId :

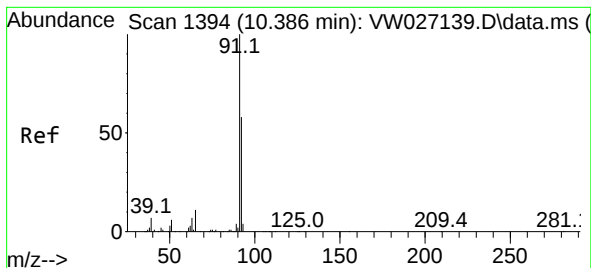
Tgt Ion: 83 Resp: 296948
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5



#34
Trichloroethene
Concen: 0.975 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027146.D
Acq: 19 Sep 2023 14:40

Tgt Ion: 95 Resp: 13256
Ion Ratio Lower Upper
95 100
97 80.0 46.1 85.7
132 102.6 67.9 126.1
130 98.3 76.0 141.2





#42

Toluene

Concen: 0.898 ug/L

RT: 10.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027146.D

Acq: 19 Sep 2023 14:40

Instrument :

MSVOA_W

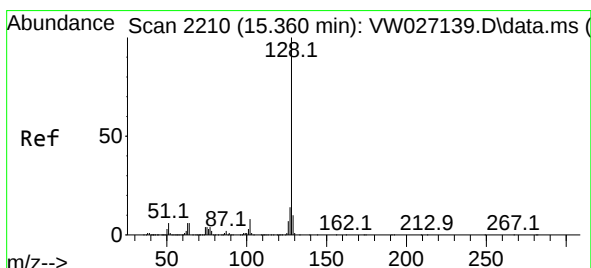
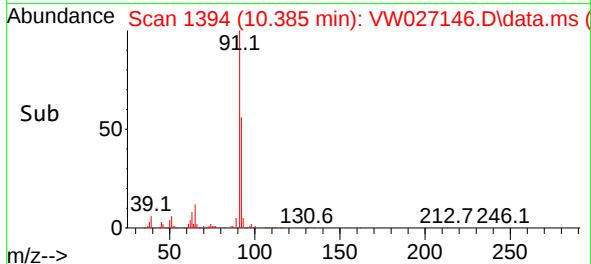
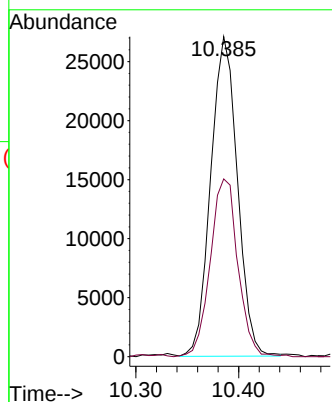
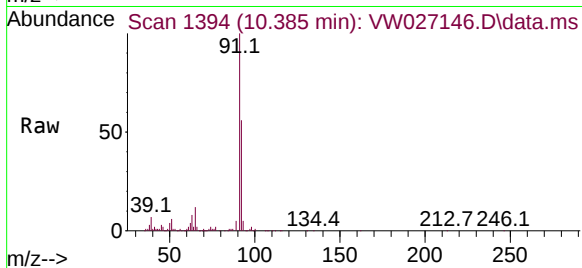
ClientSampleId :

Tgt Ion: 91 Resp: 48823

Ion Ratio Lower Upper

91 100

92 55.5 42.7 79.3



#71

Naphthalene

Concen: 0.722 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027146.D

Acq: 19 Sep 2023 14:40

Tgt Ion:128 Resp: 13505

Ion Ratio Lower Upper

128 100

127 16.2 10.7 16.1#

129 16.5 8.8 13.2#

