

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028130.D
 Acq On : 07 Mar 2024 16:32
 Operator : SY/MD
 Sample : P1638-02
 Misc : 3.50g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 08 00:20:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 00:16:11 2024
 Response via : Initial Calibration

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

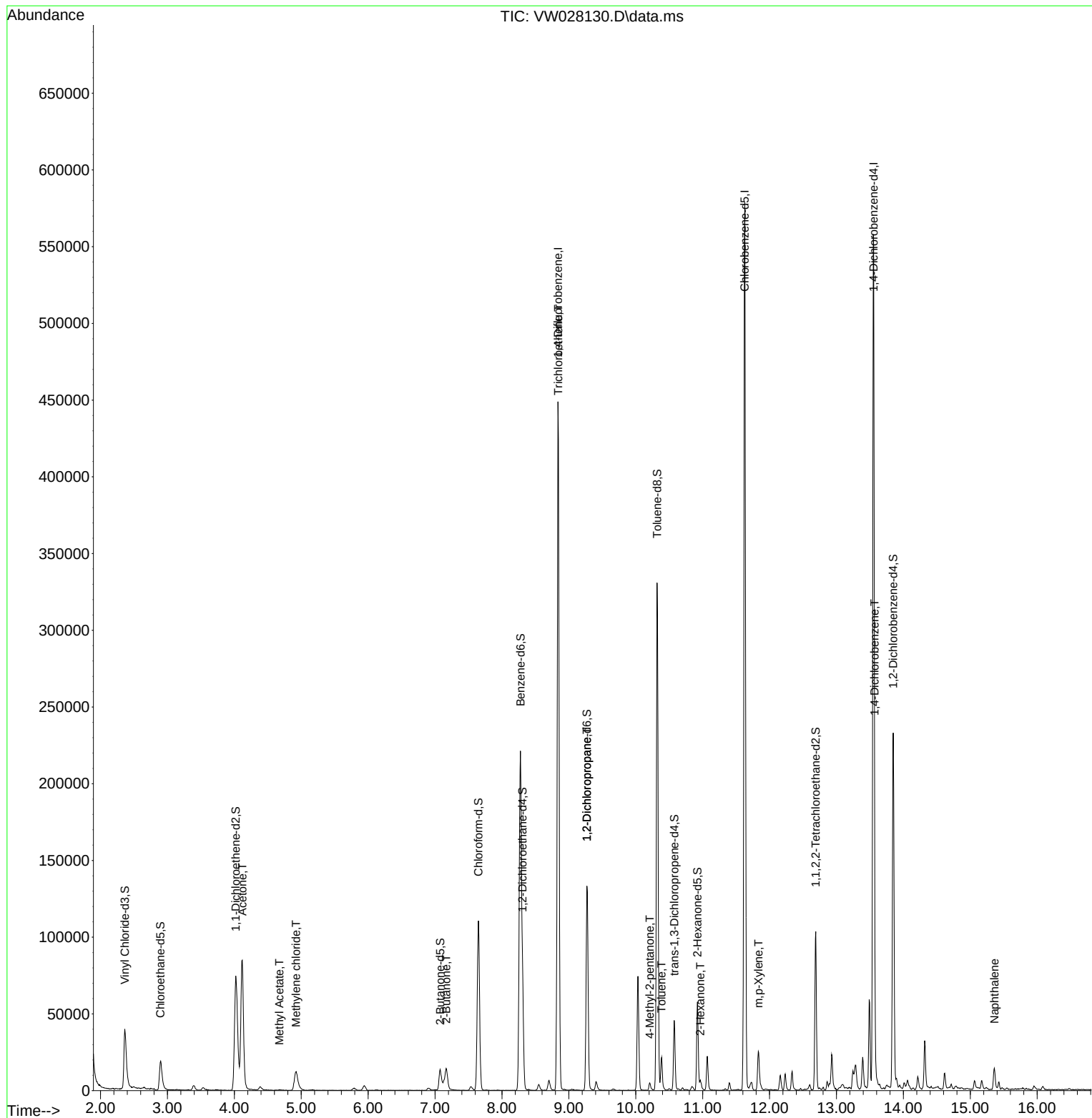
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	400403	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346114	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158704	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	65791	13.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.040%
7) Chloroethane-d5	2.893	69	31927	8.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	34.480%
11) 1,1-Dichloroethene-d2	4.021	65	28082	14.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.520%
21) 2-Butanone-d5	7.075	46	21427	31.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.860%
24) Chloroform-d	7.648	84	115895	13.666	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	54.680%
26) 1,2-Dichloroethane-d4	8.307	65	58168	14.738	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	58.960%#
32) Benzene-d6	8.276	84	241782	14.964	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	59.840%
36) 1,2-Dichloropropane-d6	9.270	67	62032	14.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	59.440%#
41) Toluene-d8	10.319	98	225885	14.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.320%
43) trans-1,3-Dichloroprop...	10.575	79	26581	14.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.120%
47) 2-Hexanone-d5	10.922	63	20243	34.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	50336	15.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	65701	13.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	55.680%#
Target Compounds						Qvalue
13) Acetone	4.119	43	144257	151.366	ug/L	99
15) Methyl Acetate	4.673	43	603	0.448	ug/L #	44
16) Methylene chloride	4.923	84	11888	2.158	ug/L	92
22) 2-Butanone	7.167	43	19989	18.780	ug/L	97
34) Trichloroethene	8.843	95	11741	2.143	ug/L #	4
37) 1,2-Dichloropropane	9.270	63	7301	1.677	ug/L #	84
40) 4-Methyl-2-pentanone	10.209	43	3295	1.905	ug/L	94
42) Toluene	10.386	91	15472	0.732	ug/L	99
48) 2-Hexanone	10.965	43	3404	2.434	ug/L #	95
53) m,p-Xylene	11.837	106	5851	0.624	ug/L	85
65) 1,4-Dichlorobenzene	13.568	146	5462	0.538	ug/L	95
71) Naphthalene	15.360	128	13196	1.353	ug/L	99

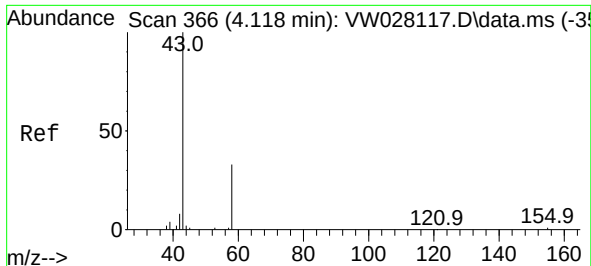
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

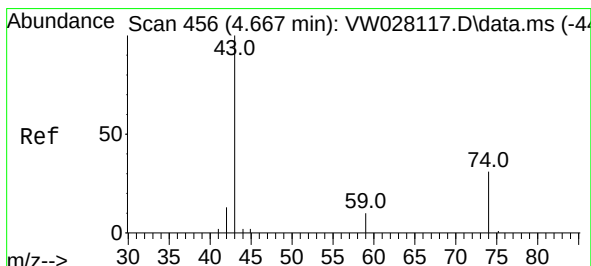
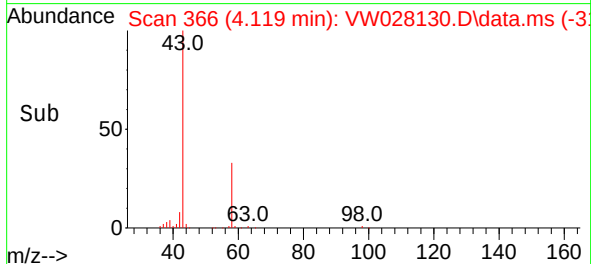
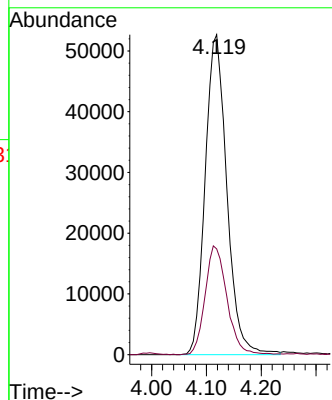
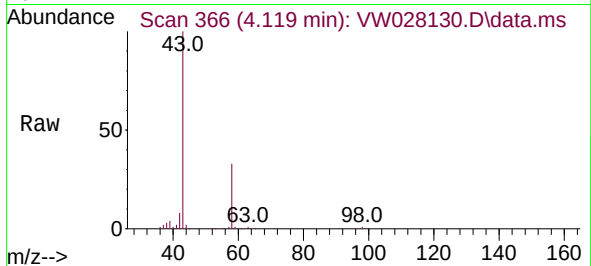




#13
Acetone
Concen: 151.366 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028130.D
Acq: 07 Mar 2024 16:32

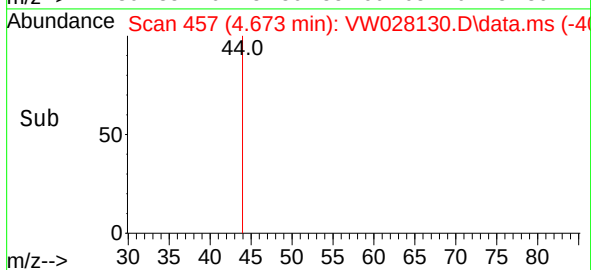
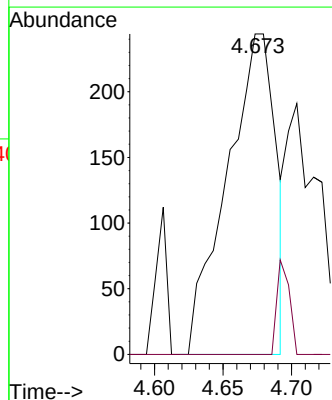
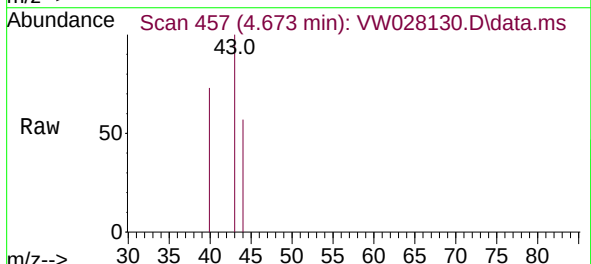
Instrument :
MSVOA_W
ClientSampleId :

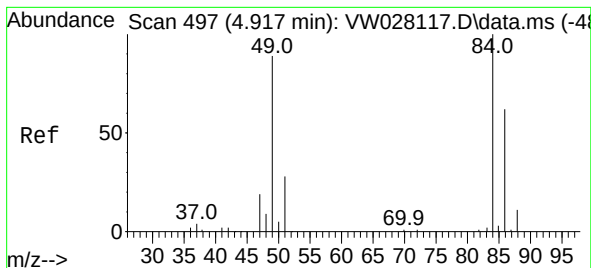
Tgt Ion: 43 Resp: 144257
Ion Ratio Lower Upper
43 100
58 34.2 0.0 70.0



#15
Methyl Acetate
Concen: 0.448 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028130.D
Acq: 07 Mar 2024 16:32

Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
74 0.0 24.3 36.5#





#16

Methylene chloride

Concen: 2.158 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028130.D

Acq: 07 Mar 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

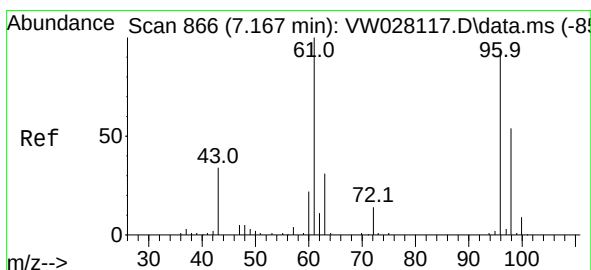
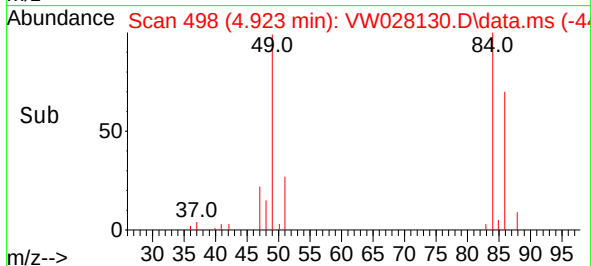
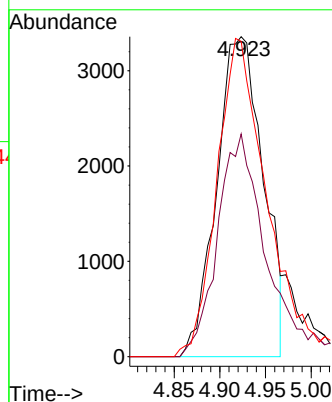
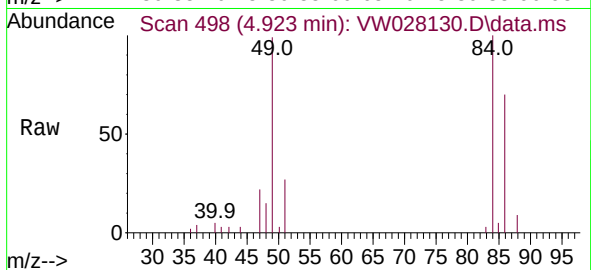
Tgt Ion: 84 Resp: 11888

Ion Ratio Lower Upper

84 100

86 69.6 41.2 76.6

49 98.6 66.5 123.5



#22

2-Butanone

Concen: 18.780 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028130.D

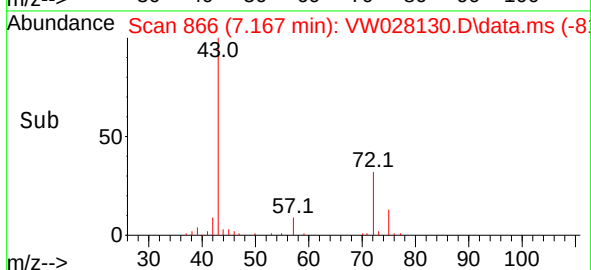
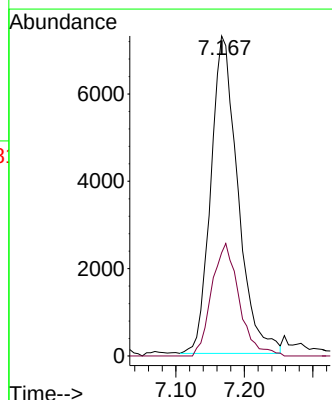
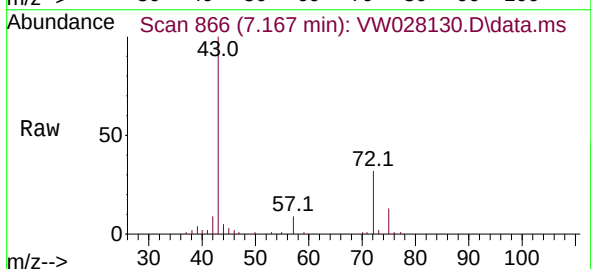
Acq: 07 Mar 2024 16:32

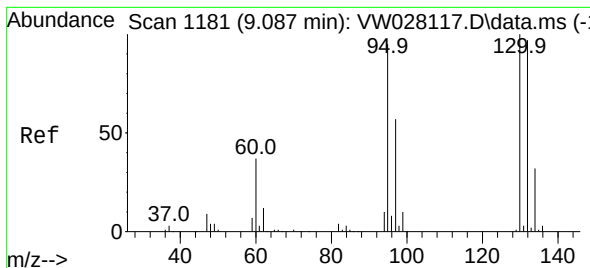
Tgt Ion: 43 Resp: 19989

Ion Ratio Lower Upper

43 100

72 35.1 18.4 55.0





#34

Trichloroethene

Concen: 2.143 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.244 min

Lab File: VW028130.D

Acq: 07 Mar 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 11741

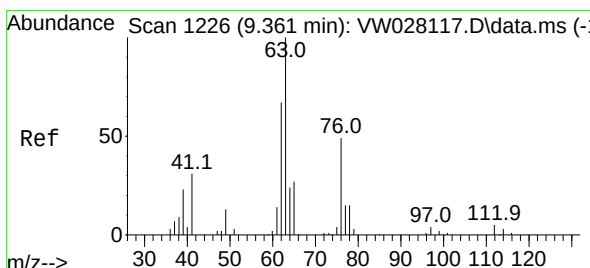
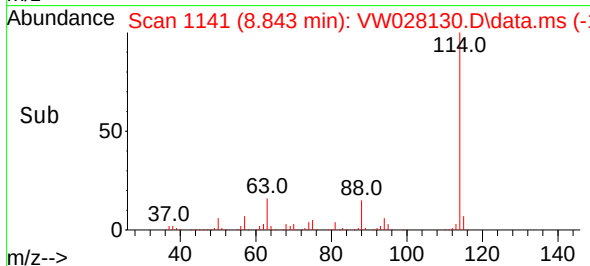
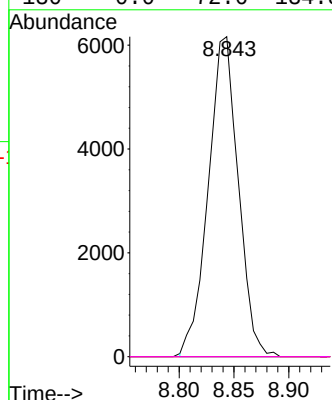
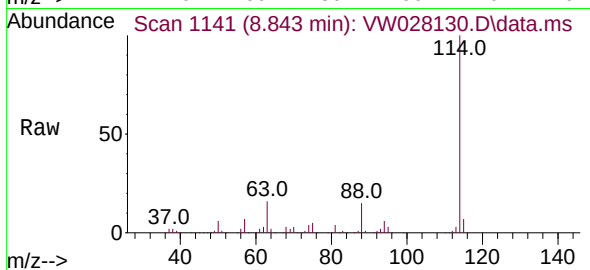
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 68.3 126.9#

130 0.0 72.6 134.8#



#37

1,2-Dichloropropane

Concen: 1.677 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.091 min

Lab File: VW028130.D

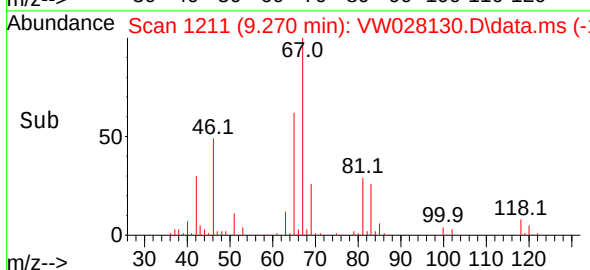
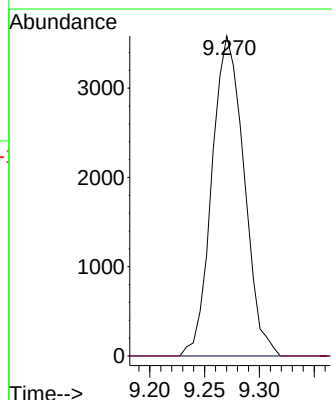
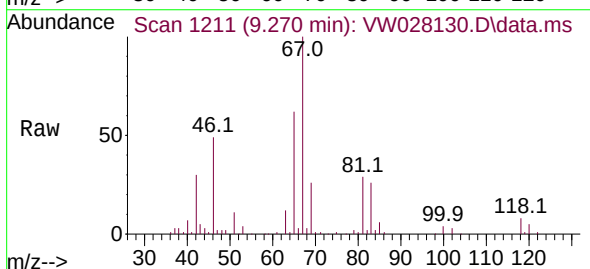
Acq: 07 Mar 2024 16:32

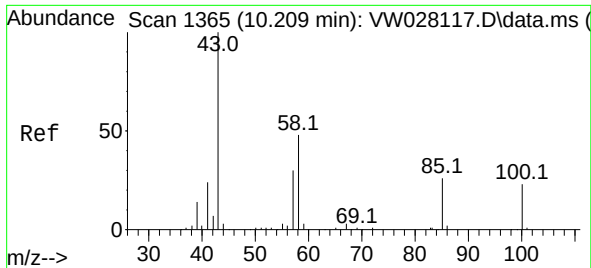
Tgt Ion: 63 Resp: 7301

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#





#40

4-Methyl-2-pentanone

Concen: 1.905 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

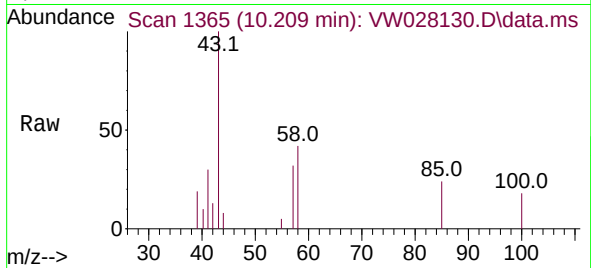
Lab File: VW028130.D

Acq: 07 Mar 2024 16:32

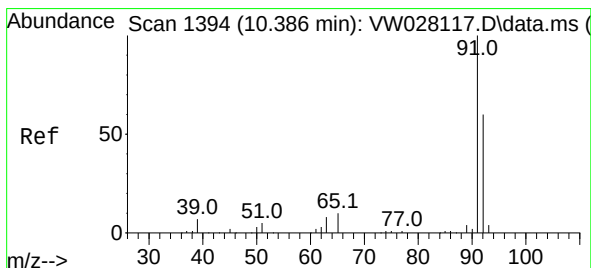
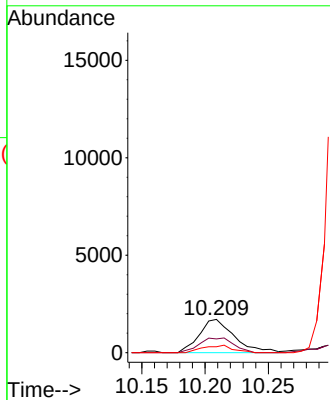
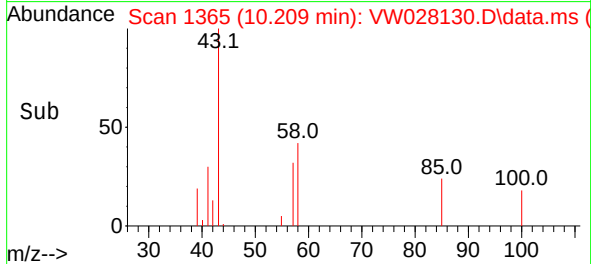
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	43	Resp:	3295
Ion	Ratio	Lower	Upper
43	100		
58	43.4	37.8	56.8
100	19.1	18.2	27.4



#42

Toluene

Concen: 0.732 ug/L

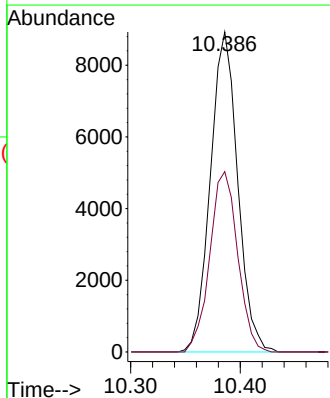
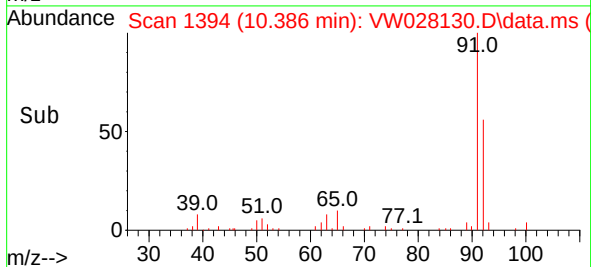
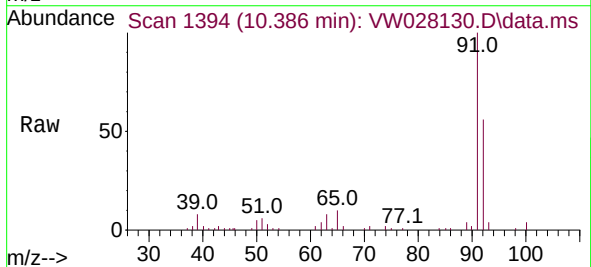
RT: 10.386 min Scan# 1394

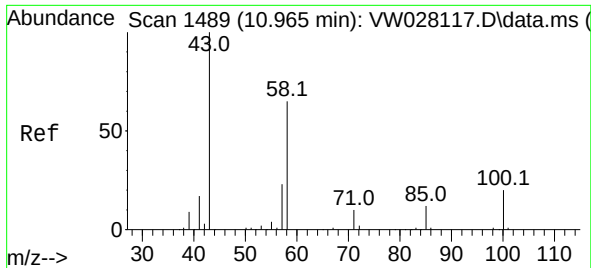
Delta R.T. 0.000 min

Lab File: VW028130.D

Acq: 07 Mar 2024 16:32

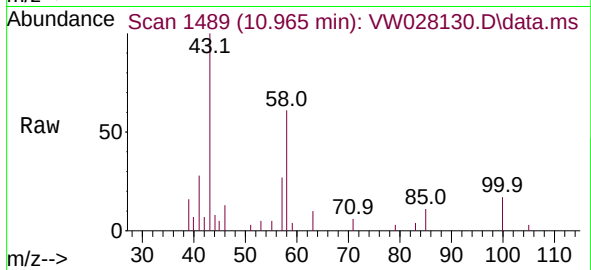
Tgt Ion:	91	Resp:	15472
Ion	Ratio	Lower	Upper
91	100		
92	56.3	39.0	72.4



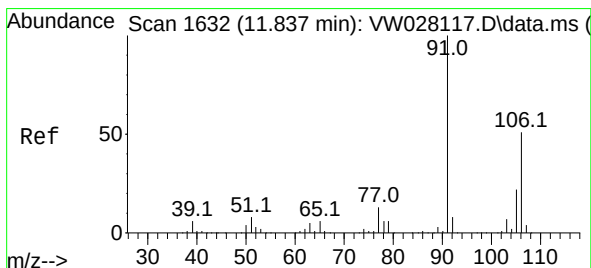
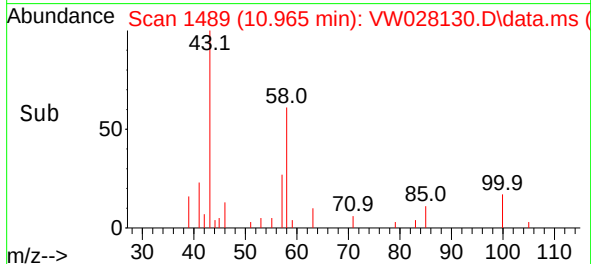
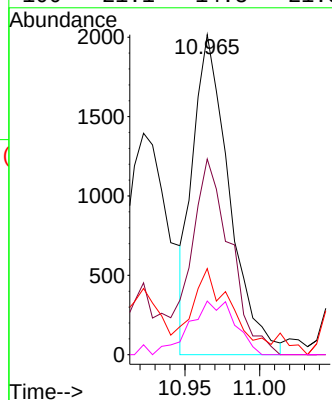


#48
2-Hexanone
Concen: 2.434 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028130.D
Acq: 07 Mar 2024 16:32

Instrument :
MSVOA_W
ClientSampleId :

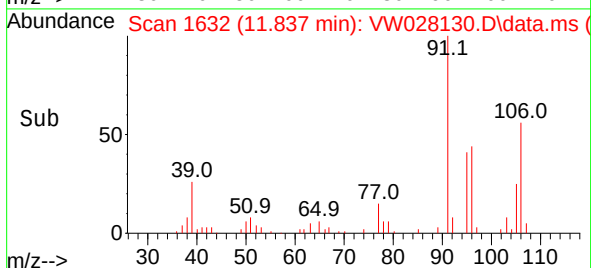
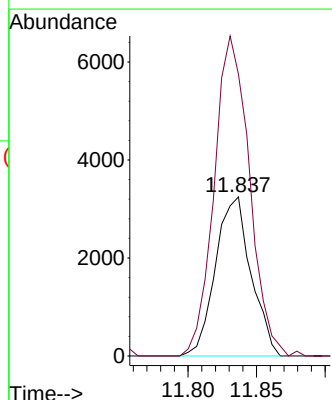
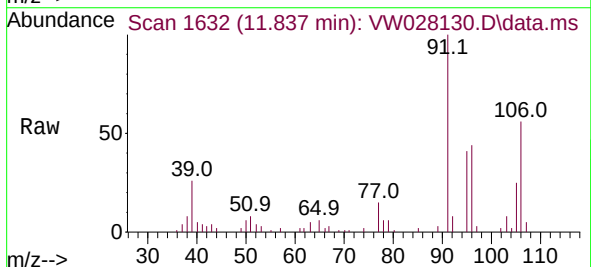


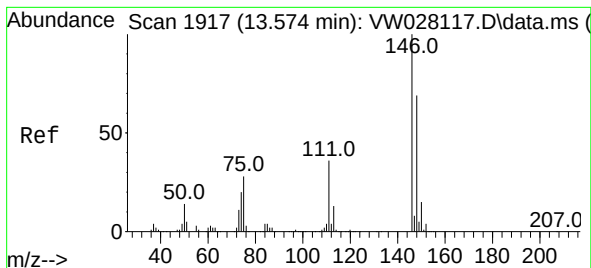
Tgt Ion: 43	Resp: 3404
Ion Ratio	Lower Upper
43	100
58	65.1 51.8 77.8
57	30.0 18.2 27.4
100	21.1 14.3 21.5



#53
m,p-Xylene
Concen: 0.624 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028130.D
Acq: 07 Mar 2024 16:32

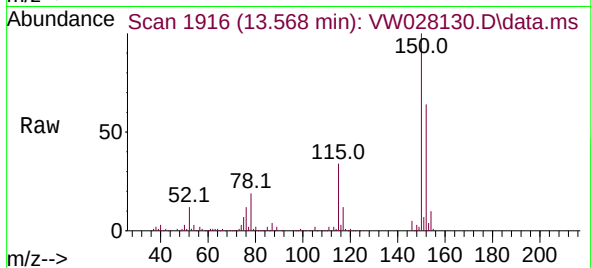
Tgt Ion: 106	Resp: 5851
Ion Ratio	Lower Upper
106	100
91	177.3 139.7 259.4



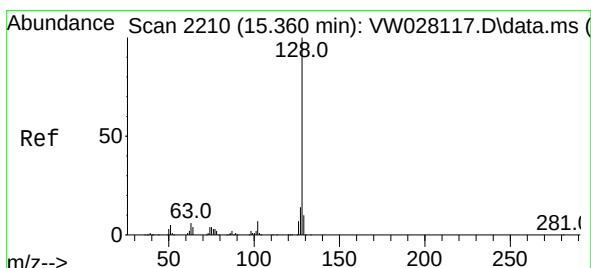
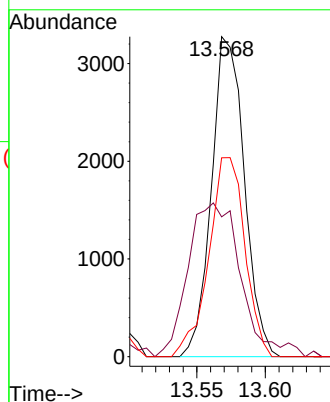
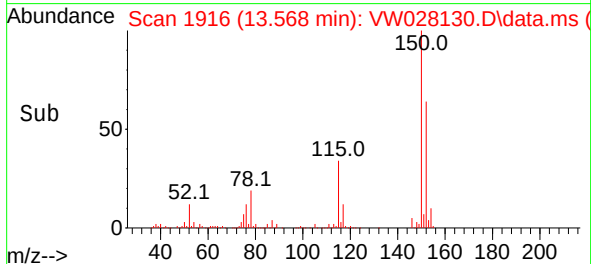


#65
1,4-Dichlorobenzene
Concen: 0.538 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VW028130.D
Acq: 07 Mar 2024 16:32

Instrument :
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Tgt Ion:146 Resp: 5462
Ion Ratio Lower Upper
146 100
111 43.7 29.3 54.5
148 62.2 47.5 88.1



#71
Naphthalene
Concen: 1.353 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028130.D
Acq: 07 Mar 2024 16:32

Tgt Ion:128 Resp: 13196
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.9 8.6 13.0

