

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031633.D
 Acq On : 29 Jan 2025 11:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 30 07:29:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

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

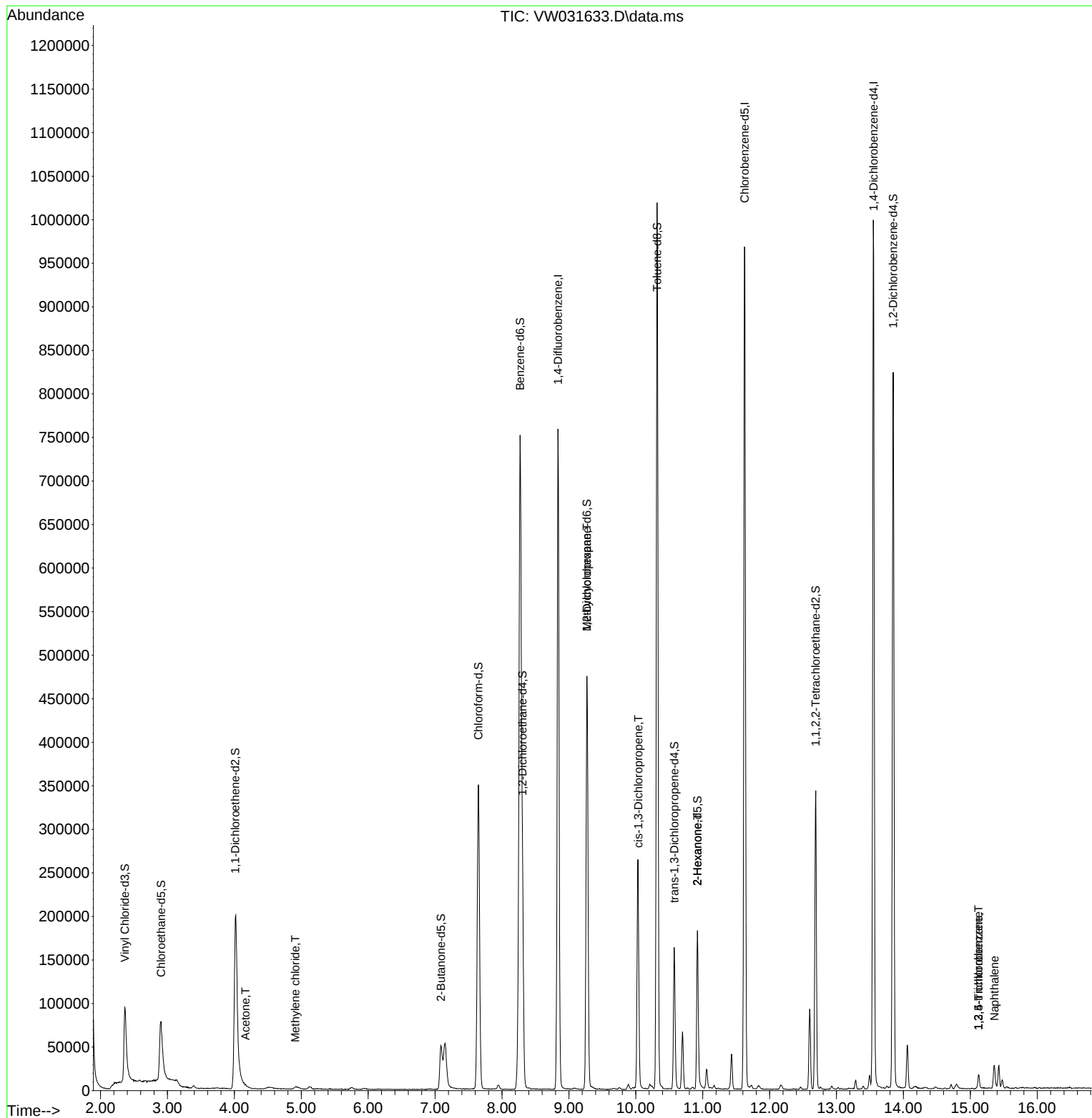
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	622563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	531277	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255404	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	154357	15.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.200%
7) Chloroethane-d5	2.905	69	123974	17.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.080%
11) 1,1-Dichloroethene-d2	4.015	65	76071	17.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.000%
21) 2-Butanone-d5	7.088	46	93668	59.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.300%
24) Chloroform-d	7.648	84	360021	22.345	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.360%
26) 1,2-Dichloroethane-d4	8.307	65	195587	24.664	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.640%
32) Benzene-d6	8.270	84	743196	22.270	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	9.270	67	230211	23.364	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	10.319	98	671306	22.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	10.575	79	90684	22.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.640%
47) 2-Hexanone-d5	10.922	63	64158	63.806	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	176097	29.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	217364	24.265	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.040%
Target Compounds						
					Qvalue	
13) Acetone	4.167	43	1501	1.242	ug/L	70
16) Methylene chloride	4.911	84	1572	0.185	ug/L	81
35) Methylcyclohexane	9.270	83	53715	3.065	ug/L #	18
39) cis-1,3-Dichloropropene	10.038	75	7209	0.501	ug/L #	71
48) 2-Hexanone	10.922	43	7951	2.852	ug/L #	69
69) 1,3,5-Trichlorobenzene	15.123	180	4714	0.393	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	4714	0.494	ug/L	97
71) Naphthalene	15.360	128	24053	1.343	ug/L	99

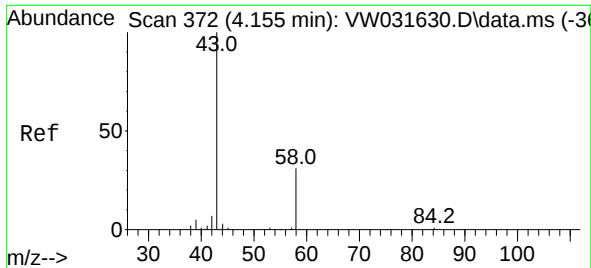
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 30 07:28:52 2025
Response via : Initial Calibration

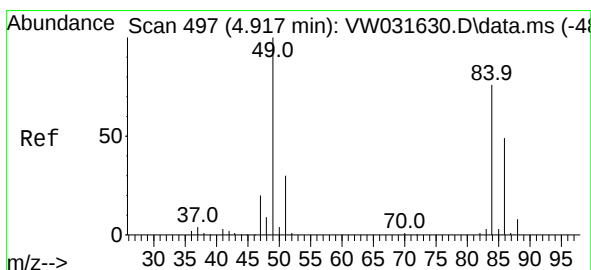
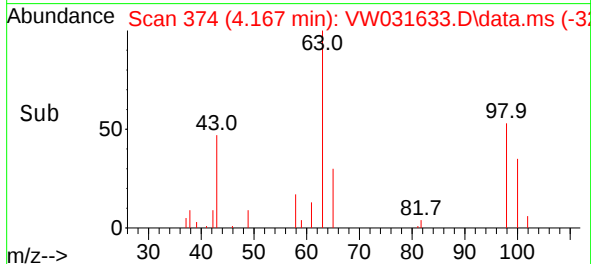
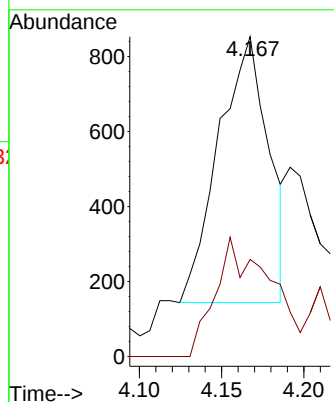
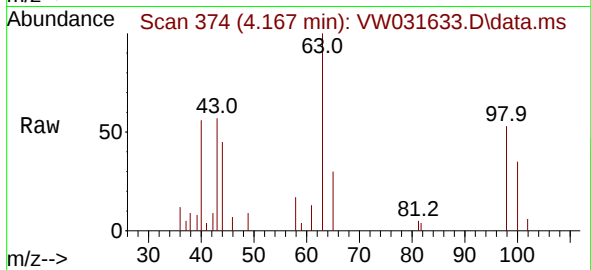




#13
Acetone
Concen: 1.242 ug/L
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031633.D
Acq: 29 Jan 2025 11:53

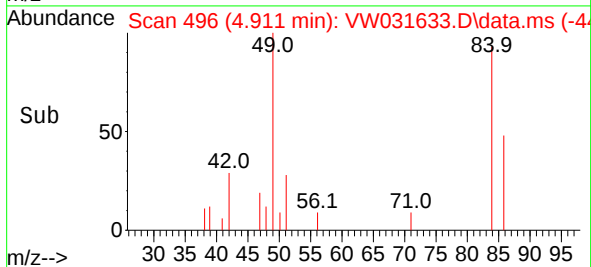
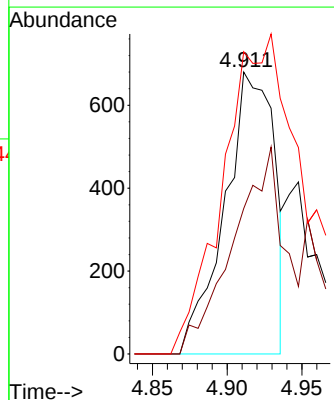
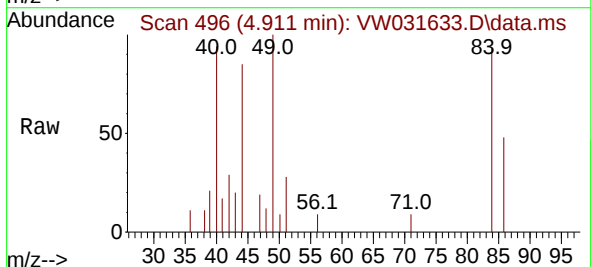
Instrument :
MSVOA_W
ClientSampleId :

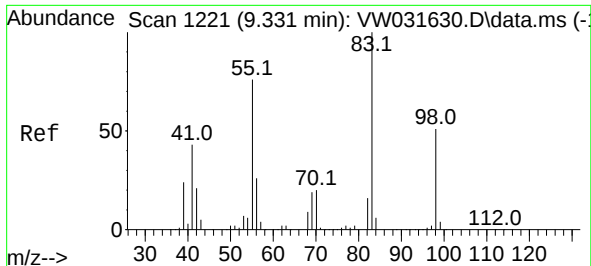
Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 26.2 0.0 28.2



#16
Methylene chloride
Concen: 0.185 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031633.D
Acq: 29 Jan 2025 11:53

Tgt Ion: 84 Resp: 1572
Ion Ratio Lower Upper
84 100
86 51.6 47.0 87.2
49 107.2 89.8 166.8





#35

Methylcyclohexane

Concen: 3.065 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.061 min MSVOA_W

Lab File: VW031633.D

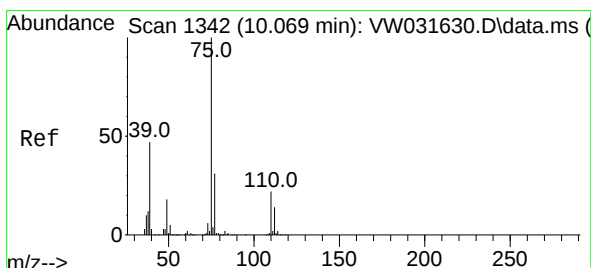
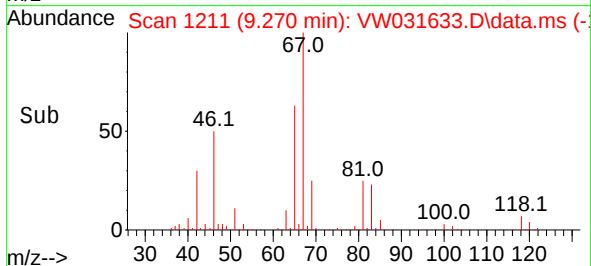
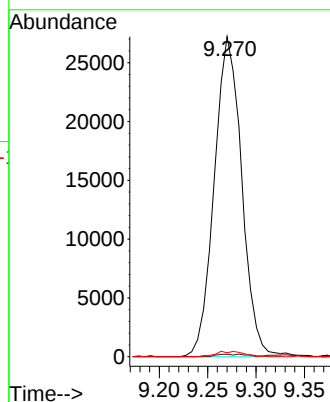
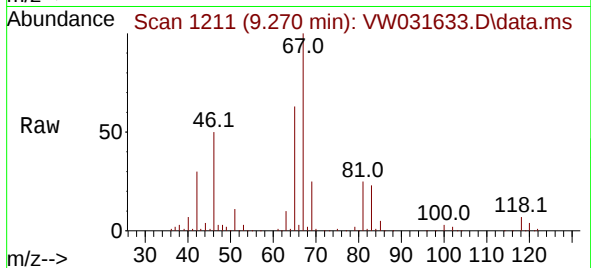
Acq: 29 Jan 2025 11:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	53715
Ion Ratio	Lower	Upper	
83	100		
55	0.5	63.4	95.2#
98	0.8	38.8	58.2#



#39

cis-1,3-Dichloropropene

Concen: 0.501 ug/L

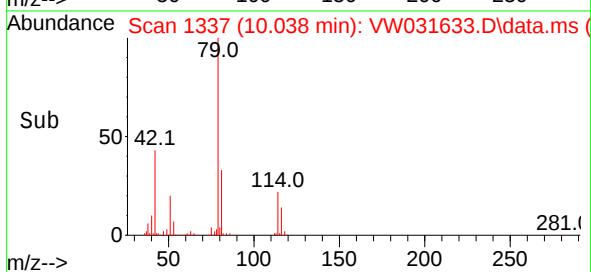
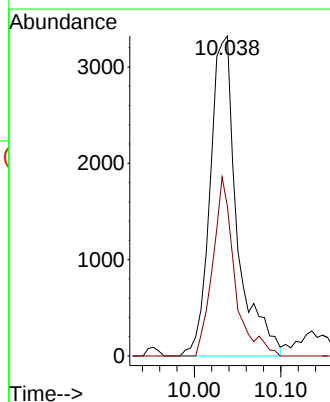
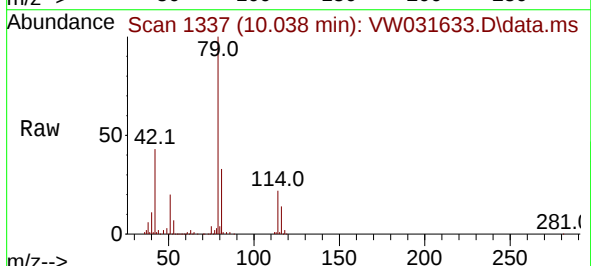
RT: 10.038 min Scan# 1337

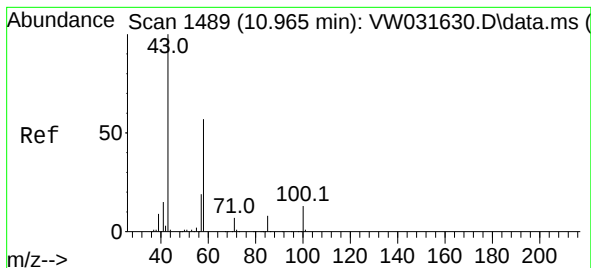
Delta R.T. -0.030 min

Lab File: VW031633.D

Acq: 29 Jan 2025 11:53

Tgt Ion:	75	Resp:	7209
Ion Ratio	Lower	Upper	
75	100		
77	46.7	21.6	40.2#





#48

2-Hexanone

Concen: 2.852 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

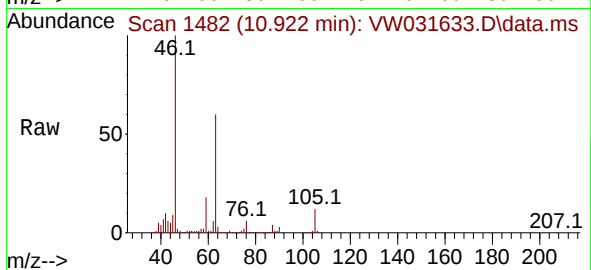
Lab File: VW031633.D

Acq: 29 Jan 2025 11:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 7951

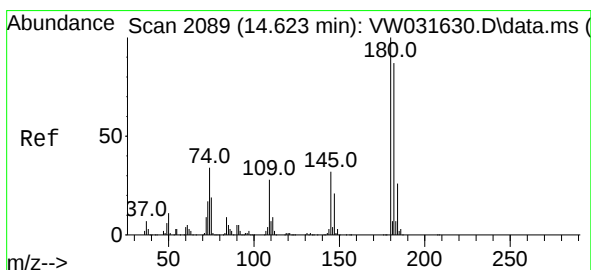
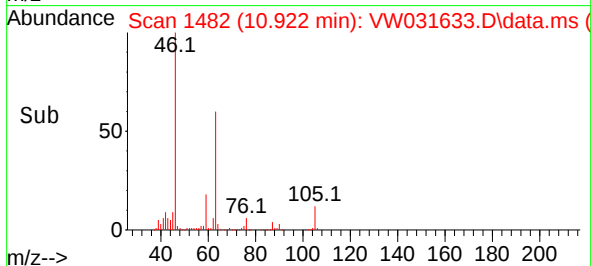
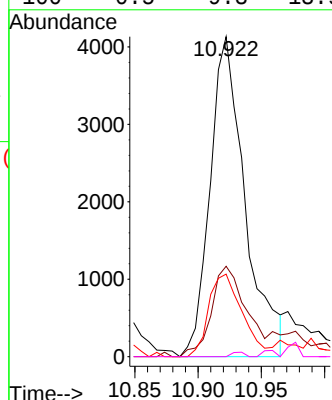
Ion Ratio Lower Upper

43 100

58 28.0 44.8 67.2#

57 24.5 15.6 23.4#

100 0.5 9.3 13.9#



#69

1,3,5-Trichlorobenzene

Concen: 0.393 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.500 min

Lab File: VW031633.D

Acq: 29 Jan 2025 11:53

Tgt Ion:180 Resp: 4714

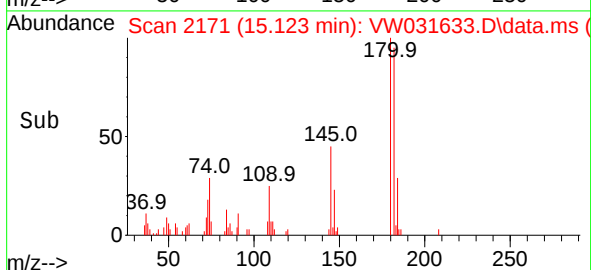
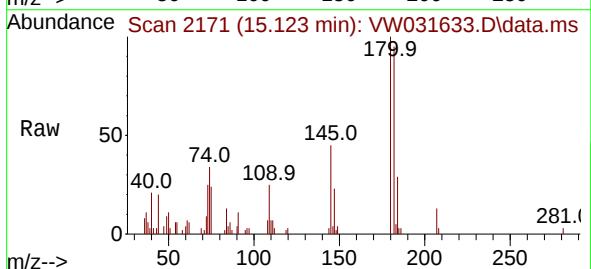
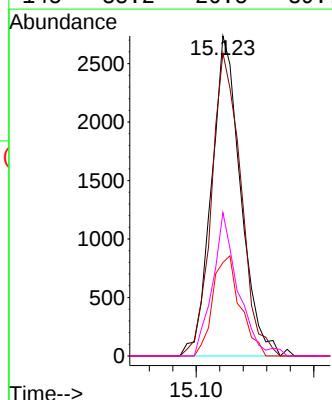
Ion Ratio Lower Upper

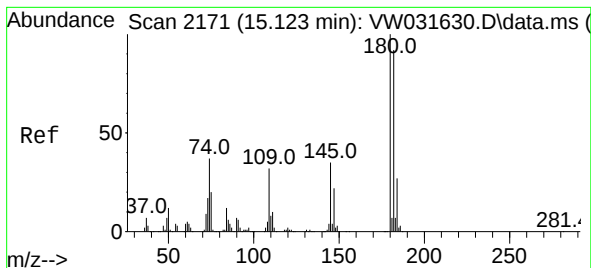
180 100

182 95.5 74.2 111.4

184 29.5 23.0 34.4

145 38.2 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 0.494 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

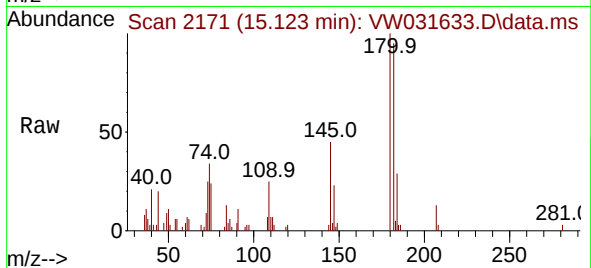
Lab File: VW031633.D

Acq: 29 Jan 2025 11:53

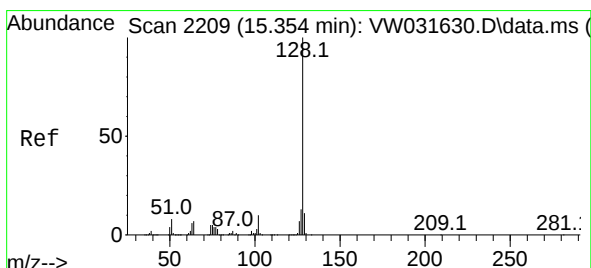
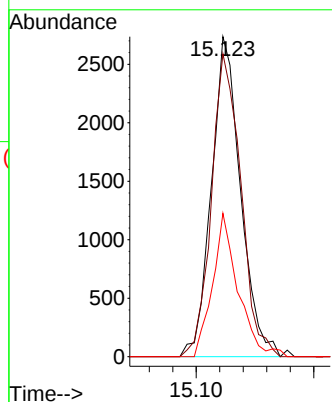
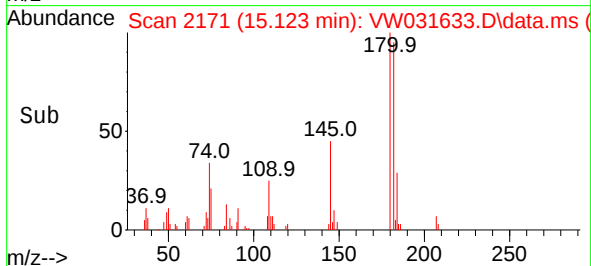
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	180	Resp:	4714
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.7	116.5
145	38.2	26.6	39.8



#71

Naphthalene

Concen: 1.343 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031633.D

Acq: 29 Jan 2025 11:53

Tgt Ion:	128	Resp:	24053
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.7	8.7	13.1

