

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026915.D
 Acq On : 26 Aug 2023 00:15
 Operator : SY/MD
 Sample : 04175-01
 Misc : 6.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:06:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

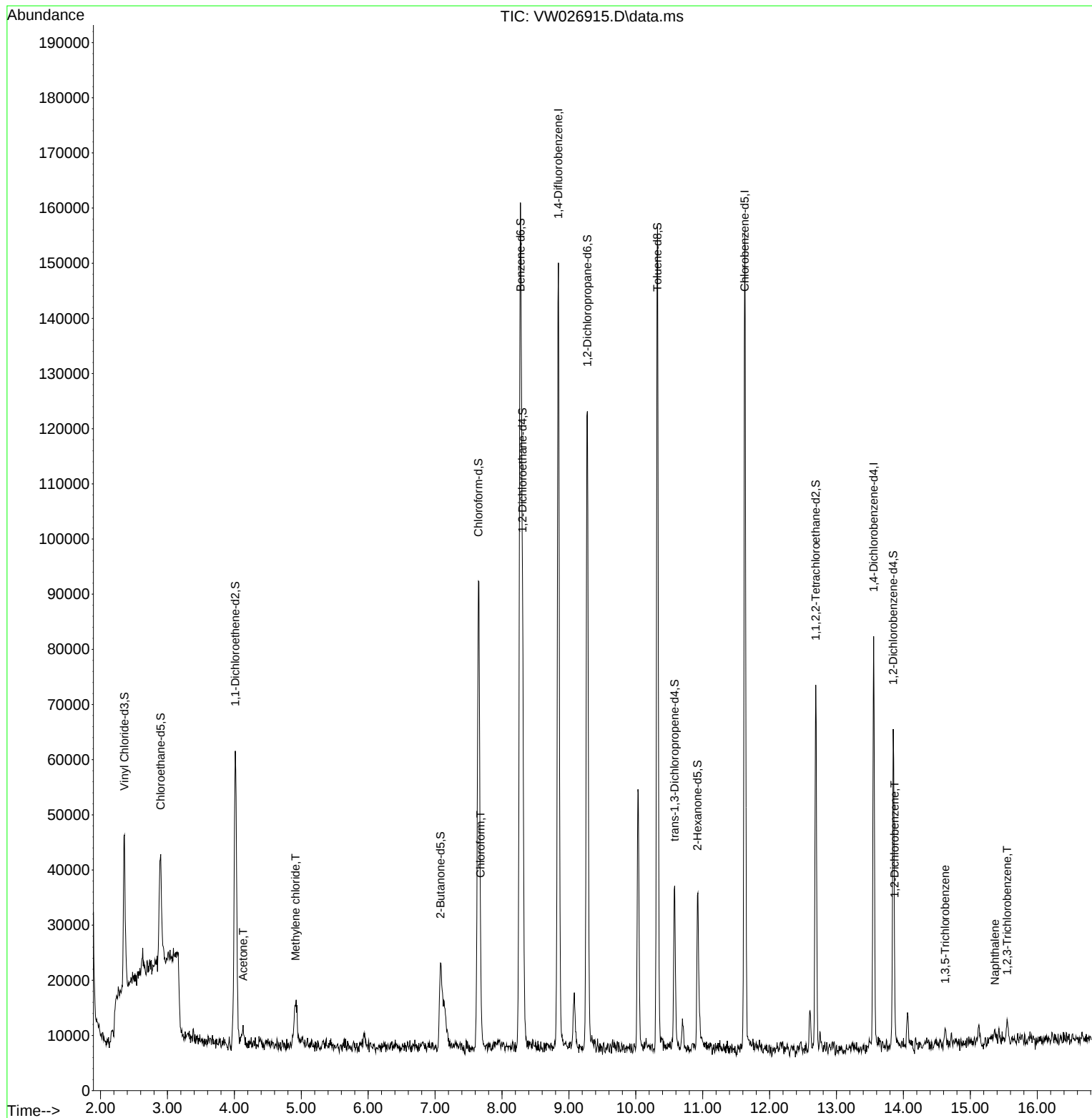
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	108293	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	76142	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	17700	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	32250	18.116	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
7) Chloroethane-d5	2.899	69	28779	21.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	4.015	65	17054	19.478	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.920%
21) 2-Butanone-d5	7.081	46	26373	51.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.080%
24) Chloroform-d	7.648	84	83768	23.047	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.307	65	58217	29.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.080%
32) Benzene-d6	8.276	84	147216	28.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.200%
36) 1,2-Dichloropropane-d6	9.276	67	51988	31.805	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.200%#
41) Toluene-d8	10.325	98	93741	20.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.240%
43) trans-1,3-Dichloroprop...	10.581	79	16412	24.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.280%
47) 2-Hexanone-d5	10.922	63	9243	53.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	31321	24.263	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	13959	22.034	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds	Qvalue					
13) Acetone	4.131	43	3838	7.544	ug/L	99
16) Methylene chloride	4.917	84	5003	2.388	ug/L	92
25) Chloroform	7.679	83	4545	1.280	ug/L	86
67) 1,2-Dichlorobenzene	13.867	146	677	0.651	ug/L #	61
69) 1,3,5-Trichlorobenzene	14.623	180	557	0.720	ug/L #	47
71) Naphthalene	15.366	128	1941	1.552	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.549	180	896	1.515	ug/L #	75

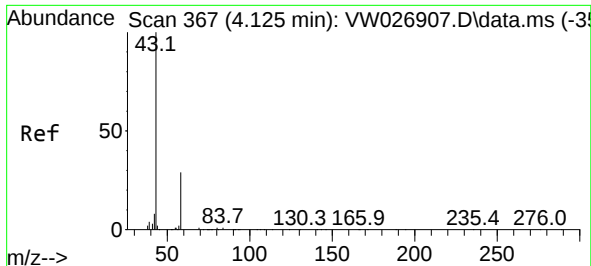
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 28 01:06:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 26 05:14:45 2023
Response via : Initial Calibration

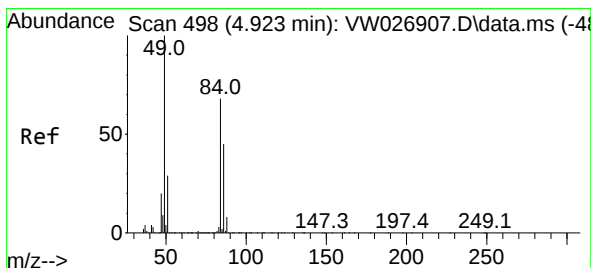
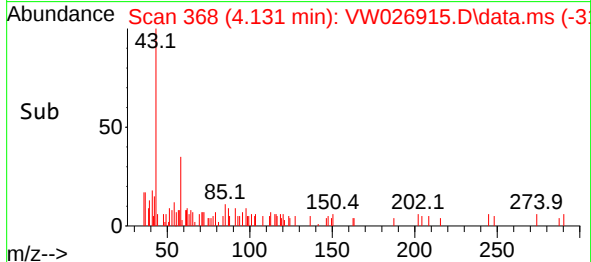
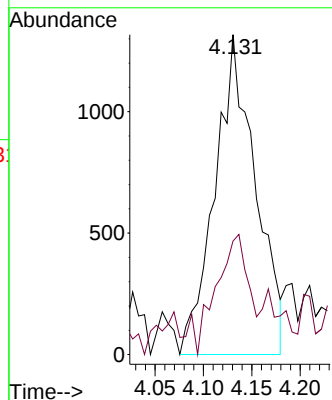
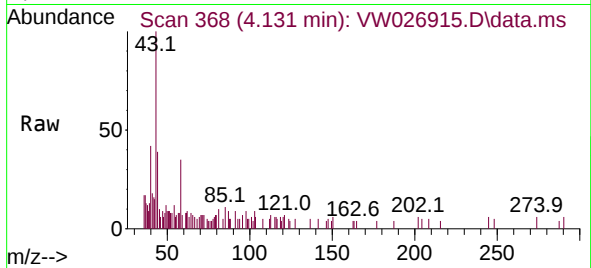




#13
Acetone
Concen: 7.544 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW026915.D
Acq: 26 Aug 2023 00:15

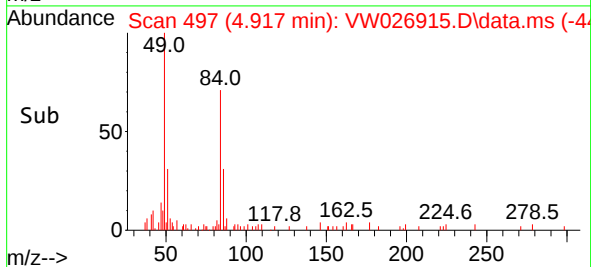
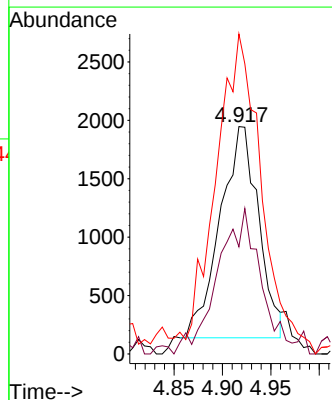
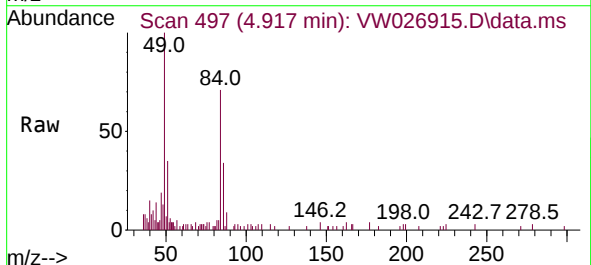
Instrument :
MSVOA_W
ClientSampleId :

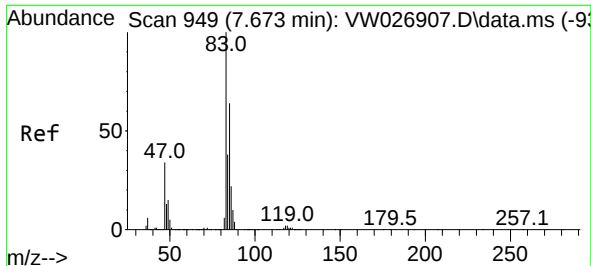
Tgt Ion: 43 Resp: 3838
Ion Ratio Lower Upper
43 100
58 29.5 0.0 57.4



#16
Methylene chloride
Concen: 2.388 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026915.D
Acq: 26 Aug 2023 00:15

Tgt Ion: 84 Resp: 5003
Ion Ratio Lower Upper
84 100
86 47.1 43.5 80.9
49 140.7 96.0 178.2





#25

Chloroform

Concen: 1.280 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW026915.D

Acq: 26 Aug 2023 00:15

Instrument :

MSVOA_W

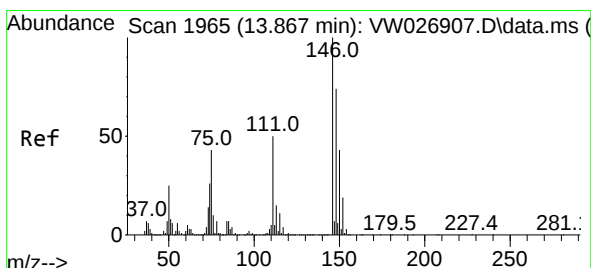
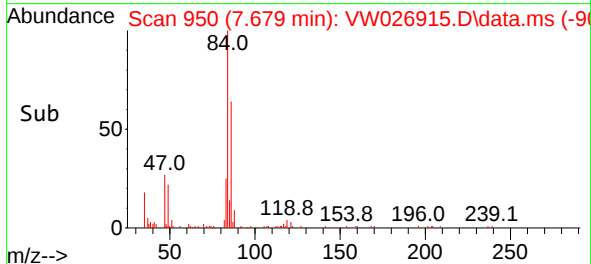
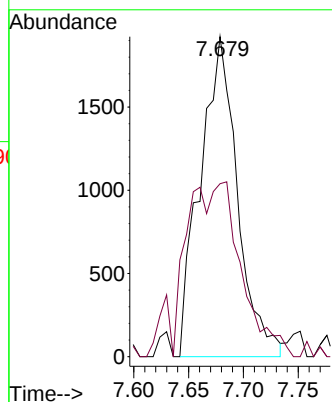
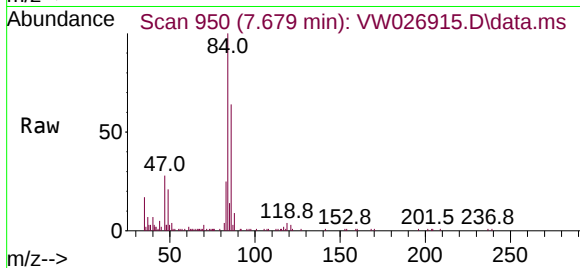
ClientSampleId :

Tgt Ion: 83 Resp: 4545

Ion Ratio Lower Upper

83 100

85 54.0 45.4 84.2



#67

1,2-Dichlorobenzene

Concen: 0.651 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026915.D

Acq: 26 Aug 2023 00:15

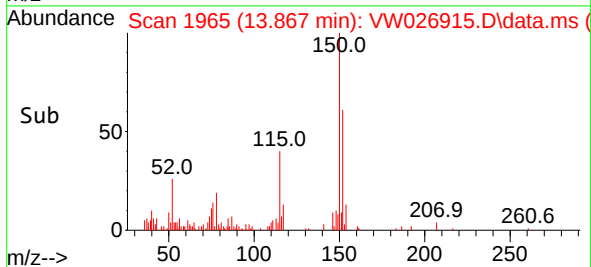
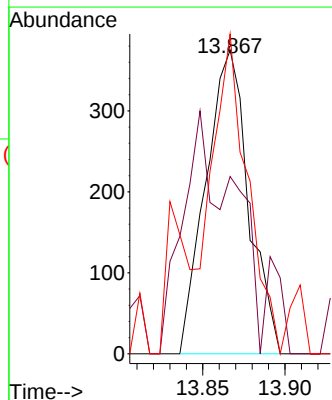
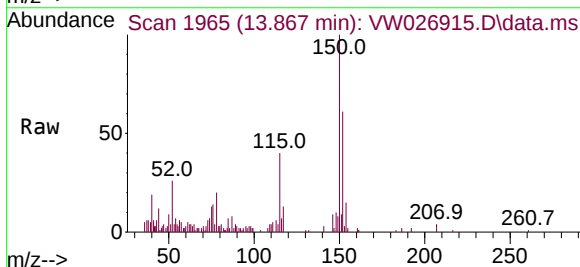
Tgt Ion: 146 Resp: 677

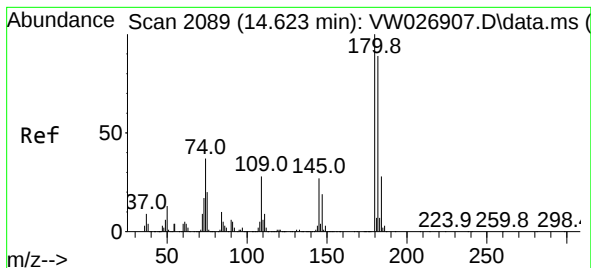
Ion Ratio Lower Upper

146 100

111 58.4 34.6 52.0#

148 105.3 53.4 80.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.720 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

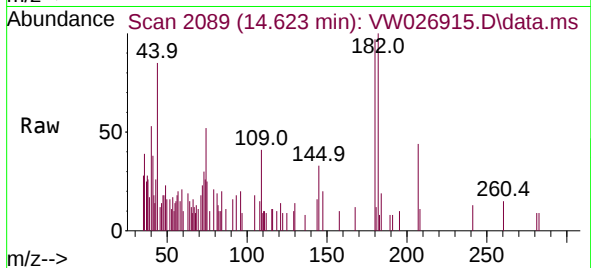
Lab File: VW026915.D

Acq: 26 Aug 2023 00:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 557

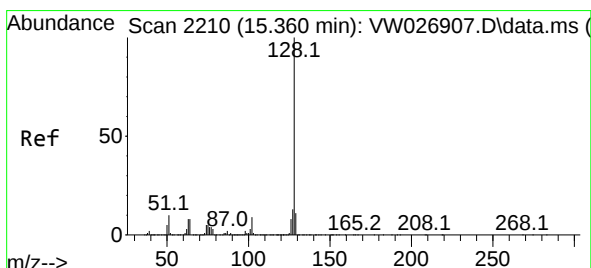
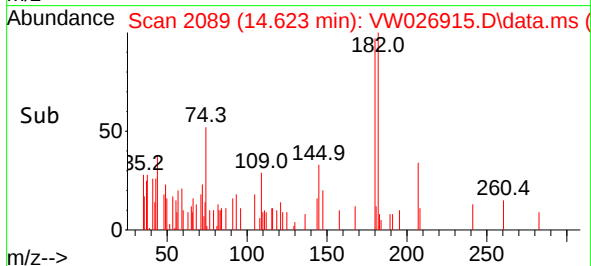
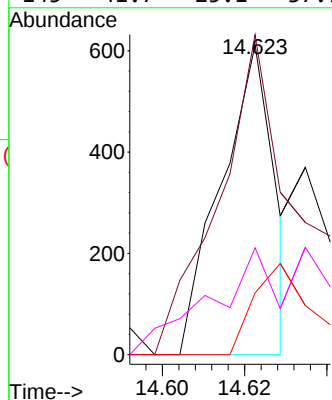
Ion Ratio Lower Upper

180 100

182 156.4 75.2 112.8#

184 0.0 23.8 35.8#

145 41.7 25.1 37.7#



#71

Naphthalene

Concen: 1.552 ug/L

RT: 15.366 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VW026915.D

Acq: 26 Aug 2023 00:15

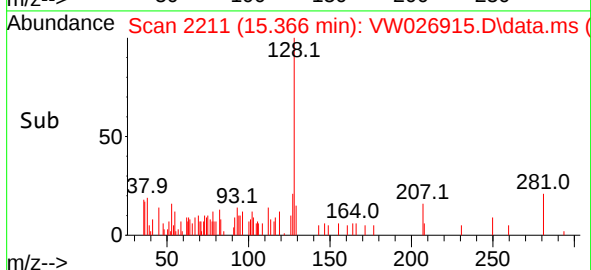
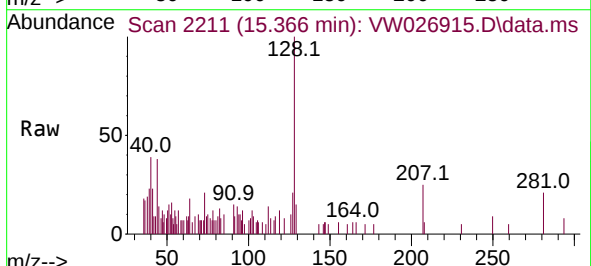
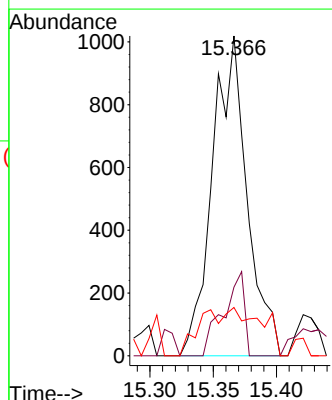
Tgt Ion:128 Resp: 1941

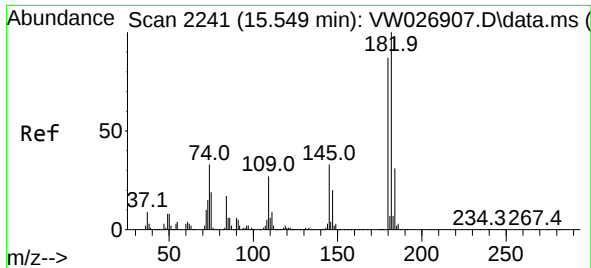
Ion Ratio Lower Upper

128 100

127 9.2 10.7 16.1#

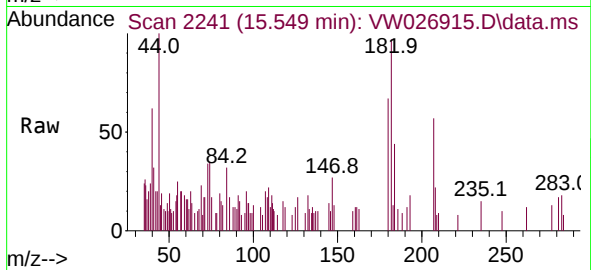
129 7.5 9.0 13.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.515 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026915.D
 Acq: 26 Aug 2023 00:15

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	117.3	74.6	112.0#
145	18.4	27.0	40.6#

