

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
 Data File : VW029580.D
 Acq On : 15 Jul 2024 17:14
 Operator : SY/MD
 Sample : P3201-16
 Misc : 5.30g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 16 00:02:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 15 23:59:48 2024
 Response via : Initial Calibration

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

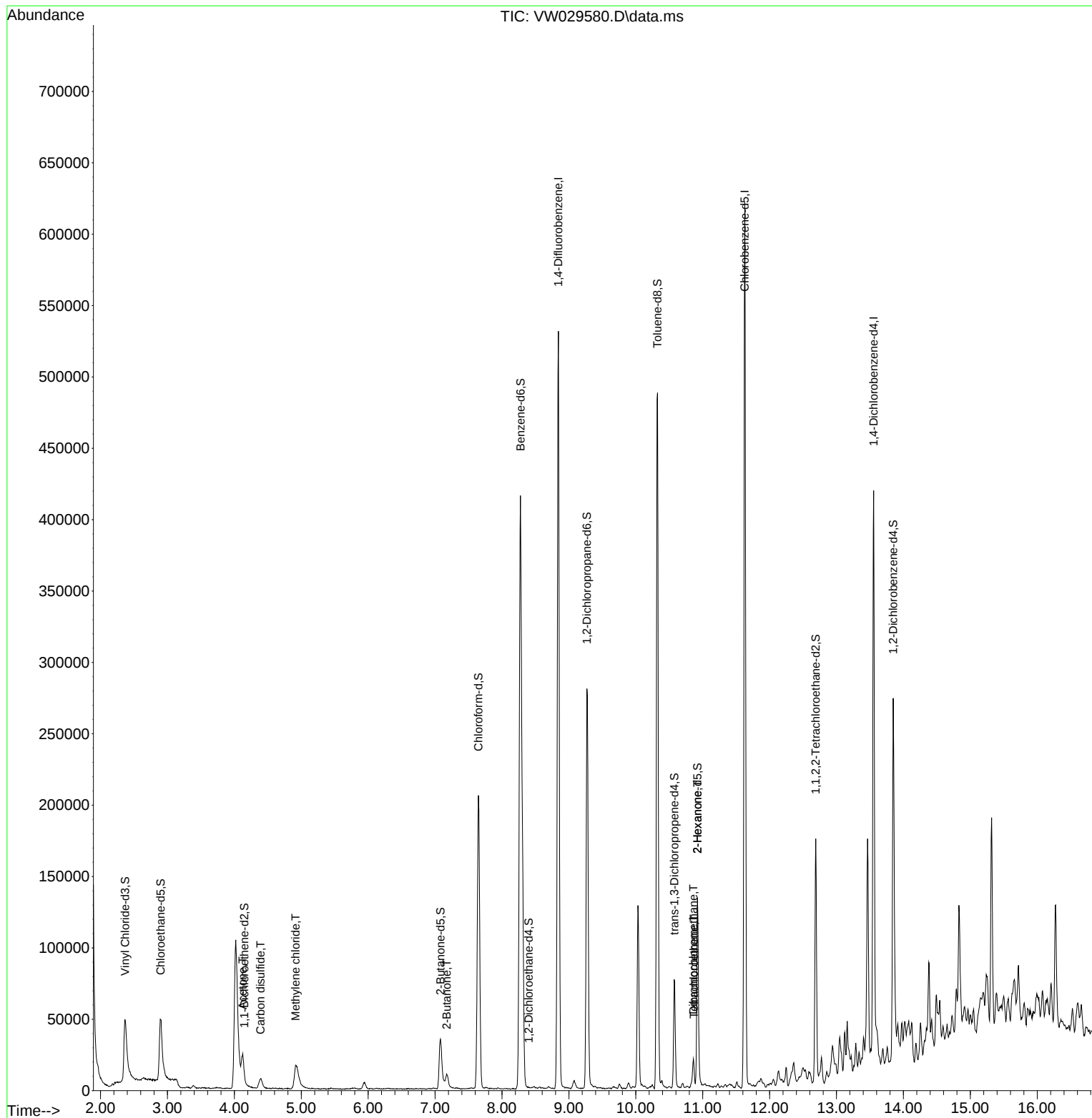
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	406670	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	306682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99140	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	96101	14.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.520%
7) Chloroethane-d5	2.899	69	76695	16.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.840%
11) 1,1-Dichloroethene-d2	4.149	65	481	0.163	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.640%#
21) 2-Butanone-d5	7.081	46	61663	31.268	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.540%
24) Chloroform-d	7.648	84	205018	17.439	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.760%
26) 1,2-Dichloroethane-d4	8.398	65	191	0.028	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.276	84	394881	21.494	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.960%
36) 1,2-Dichloropropane-d6	9.270	67	127739	21.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	10.325	98	313642	19.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.640%
43) trans-1,3-Dichloroprop...	10.575	79	40132	16.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.520%
47) 2-Hexanone-d5	10.922	63	44241	41.447	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81815	17.154	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	58301	16.886	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.560%#
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	34997	17.583	ug/L	100
14) Carbon disulfide	4.393	76	16686	1.016	ug/L	97
16) Methylene chloride	4.917	84	17104	2.349	ug/L	96
22) 2-Butanone	7.173	43	14411	5.515	ug/L	98
46) Tetrachloroethene	10.867	164	3992	1.109	ug/L	88
48) 2-Hexanone	10.922	43	6866	2.444	ug/L #	61
49) Dibromochloromethane	10.861	129	4151	1.045	ug/L #	12

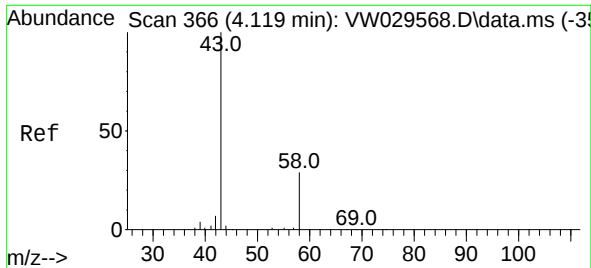
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 00:02:42 2024
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Quant Title : SFAM01.0
QLast Update : Mon Jul 15 23:59:48 2024
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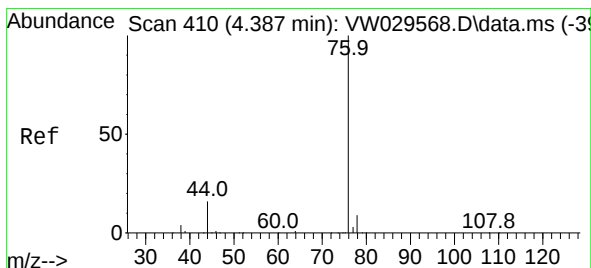
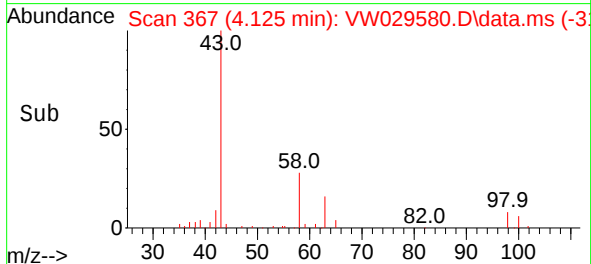
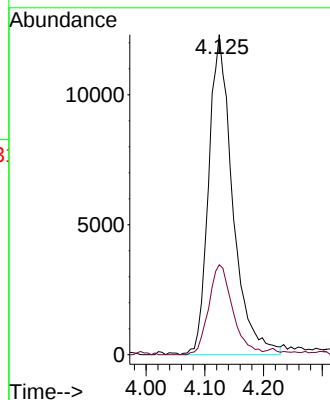
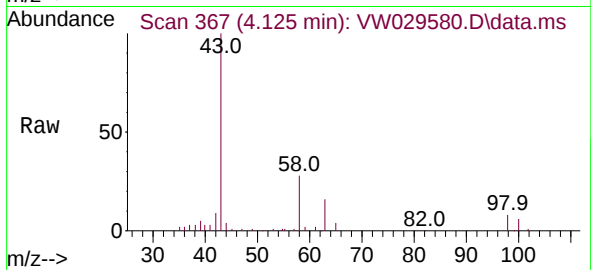




#13
Acetone
Concen: 17.583 ug/L
RT: 4.125 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW029580.D
Acq: 15 Jul 2024 17:14

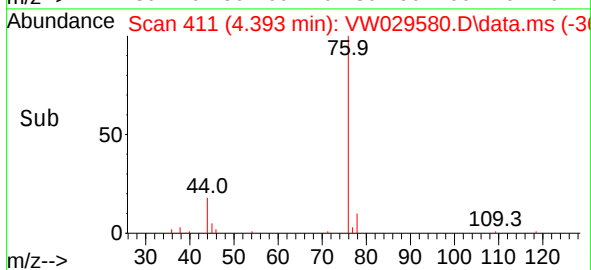
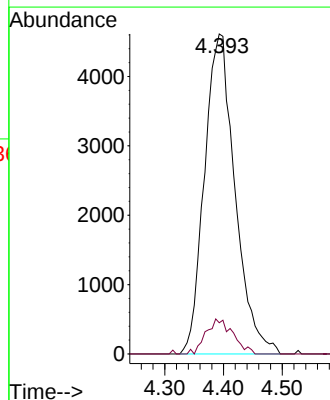
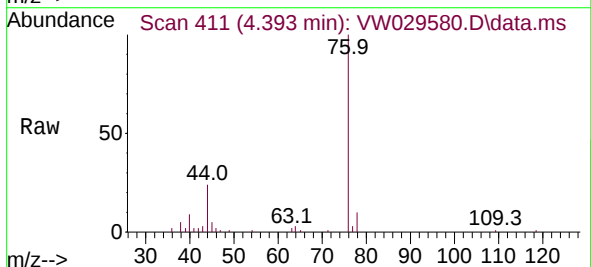
Instrument :
MSVOA_W
ClientSampleId :

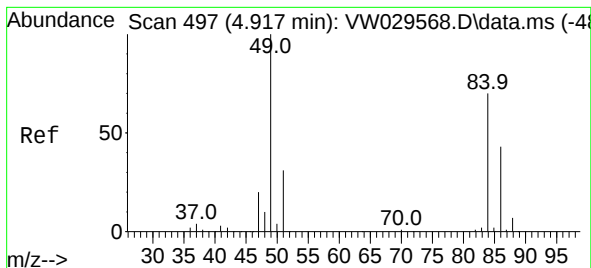
Tgt Ion: 43 Resp: 34997
Ion Ratio Lower Upper
43 100
58 28.1 0.0 55.6



#14
Carbon disulfide
Concen: 1.016 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029580.D
Acq: 15 Jul 2024 17:14

Tgt Ion: 76 Resp: 16686
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4





#16

Methylene chloride

Concen: 2.349 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW029580.D

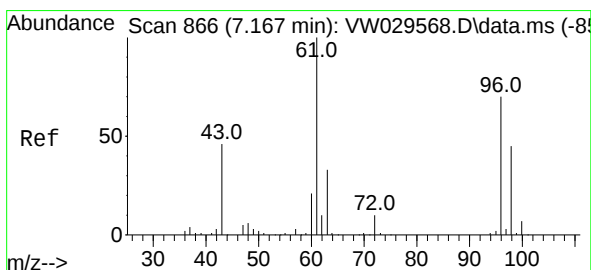
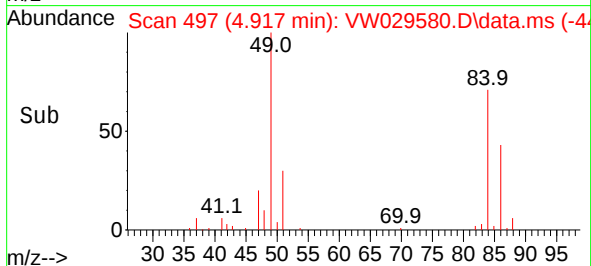
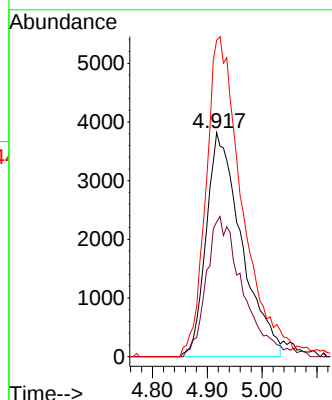
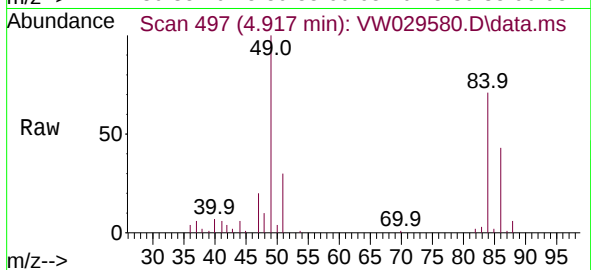
Acq: 15 Jul 2024 17:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	84	Resp:	17104
Ion	Ratio	Lower	Upper
84	100		
86	60.1	46.2	85.8
49	141.2	96.7	179.7



#22

2-Butanone

Concen: 5.515 ug/L

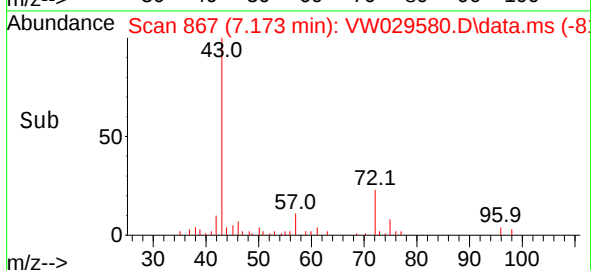
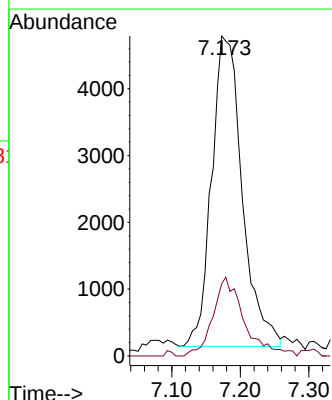
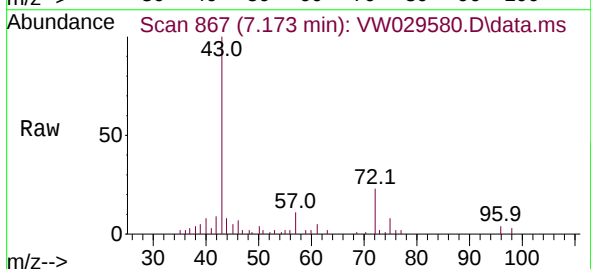
RT: 7.173 min Scan# 867

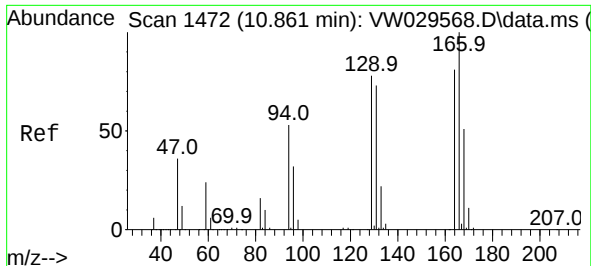
Delta R.T. 0.006 min

Lab File: VW029580.D

Acq: 15 Jul 2024 17:14

Tgt Ion:	43	Resp:	14411
Ion	Ratio	Lower	Upper
43	100		
72	23.0	12.0	36.1





#46

Tetrachloroethene

Concen: 1.109 ug/L

RT: 10.867 min Scan# 1472

Delta R.T. 0.006 min

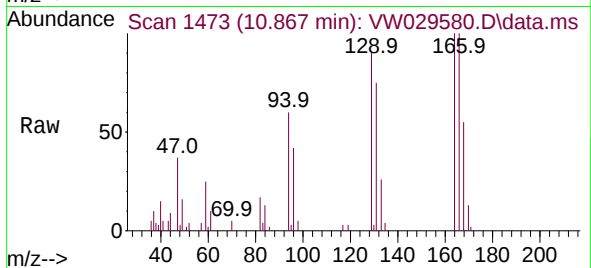
Lab File: VW029580.D

Acq: 15 Jul 2024 17:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 3992

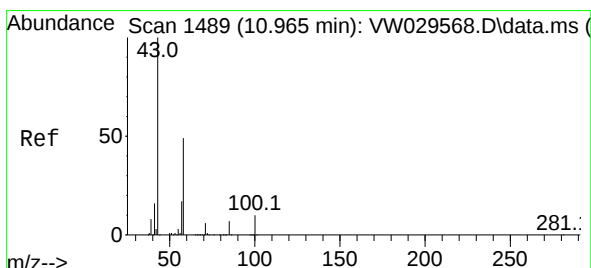
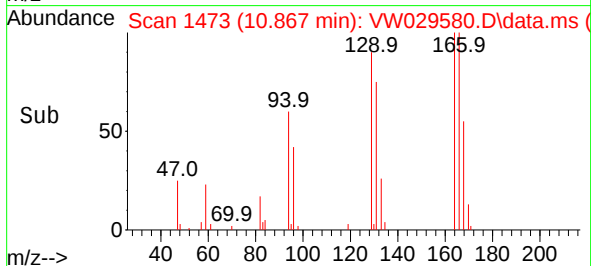
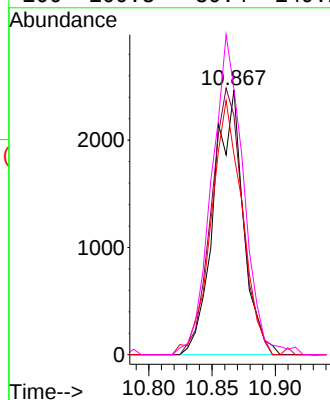
Ion Ratio Lower Upper

164 100

129 90.3 60.0 111.4

131 75.5 64.6 120.0

166 100.3 80.4 149.2



#48

2-Hexanone

Concen: 2.444 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW029580.D

Acq: 15 Jul 2024 17:14

Tgt Ion: 43 Resp: 6866

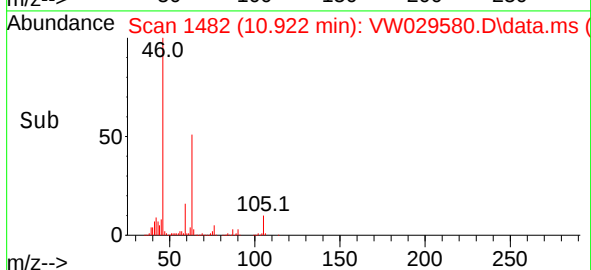
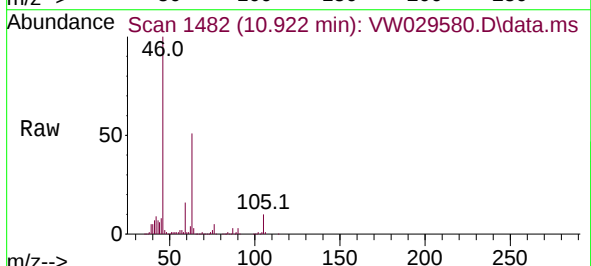
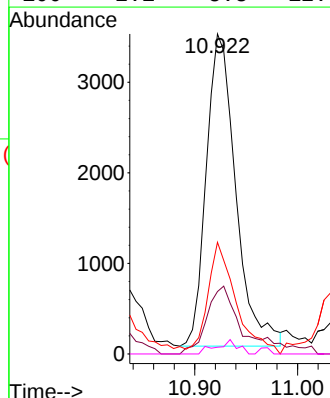
Ion Ratio Lower Upper

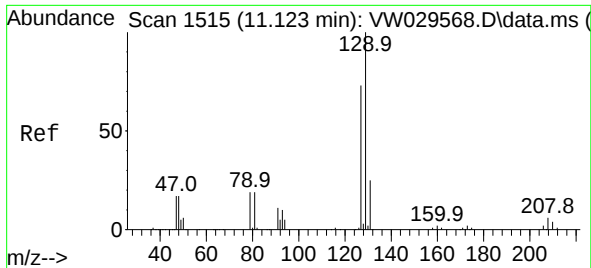
43 100

58 20.2 39.8 59.8#

57 34.1 14.6 21.8#

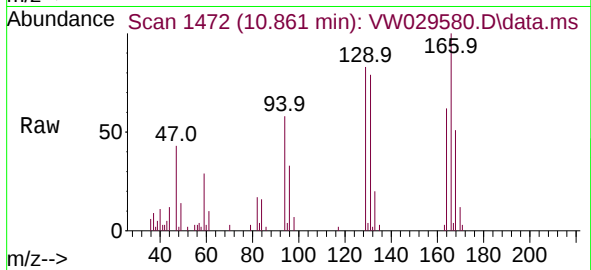
100 2.1 8.3 12.5#





#49
 Dibromochloromethane
 Concen: 1.045 ug/L
 RT: 10.861 min Scan# 14
 Delta R.T. -0.262 min
 Lab File: VW029580.D
 Acq: 15 Jul 2024 17:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:129 Resp: 4151
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.9 96.3#

