

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032683.D
 Acq On : 27 Oct 2023 14:53
 Operator : SY/MD
 Sample : 04992-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 00:24:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:17:24 2023
 Response via : Initial Calibration

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

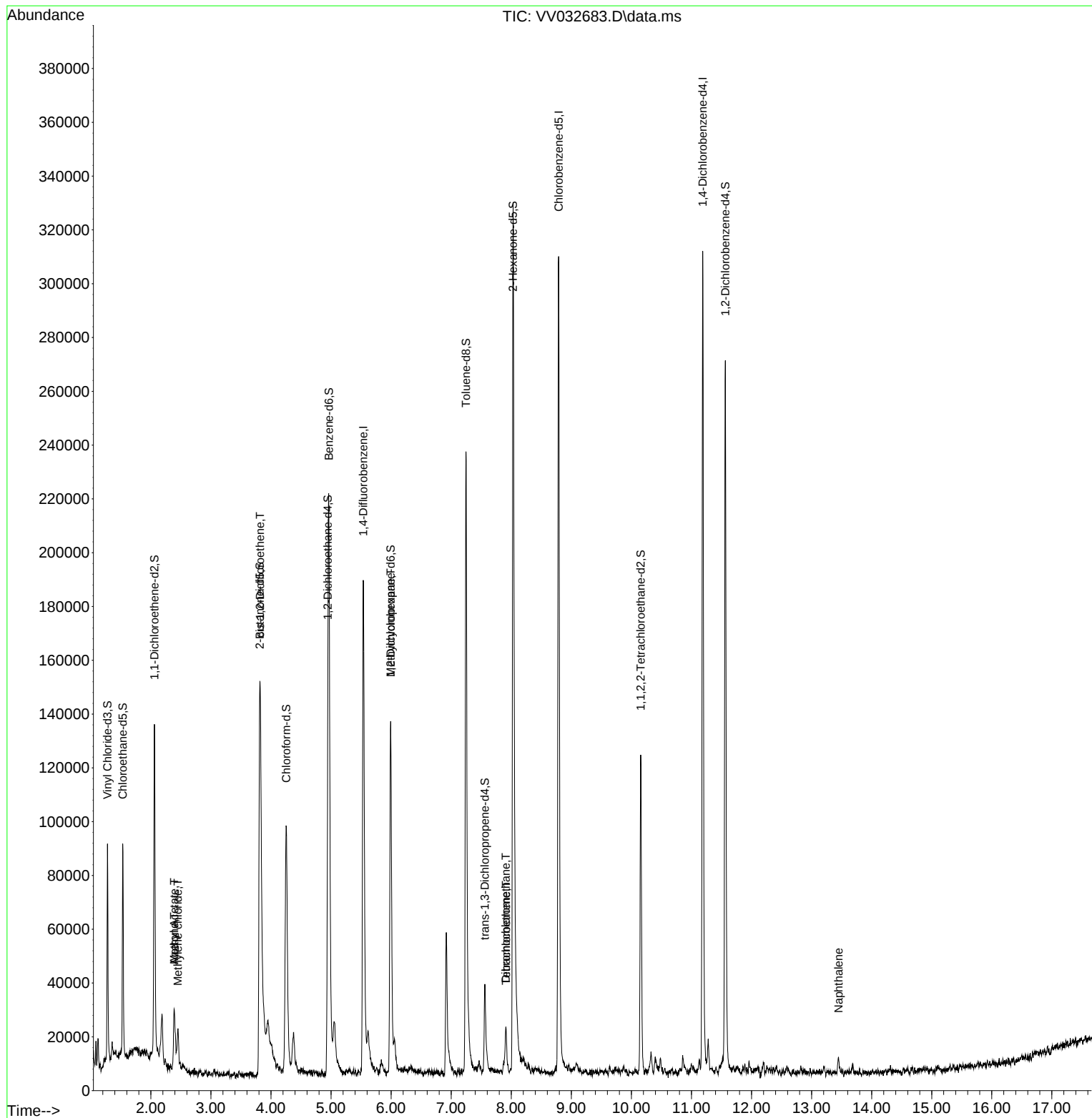
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	163988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	177269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	79161	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48347	3.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.532	69	49659	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.060	65	21019	3.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.812	46	151303	52.024	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.040%
24) Chloroform-d	4.256	84	99830	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	4.947	65	53164	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	192253	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.992	67	62455	5.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.246	98	170192	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.561	79	21924	4.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.030	63	116919	54.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.420%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	56787	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	67056	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds					Qvalue	
13) Acetone	2.388	43	31984	11.140	ug/L	52
15) Methyl Acetate	2.388	43	35803	6.227	ug/L	93
16) Methylene chloride	2.449	84	5820	0.323	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	52703	3.587	ug/L	93
35) Methylcyclohexane	5.992	83	15461	0.693	ug/L #	20
47) Tetrachloroethene	7.915	164	4043	0.306	ug/L	97
49) Dibromochloromethane	7.908	129	3921	0.290	ug/L #	11
71) Naphthalene	13.448	128	4155	0.150	ug/L #	96

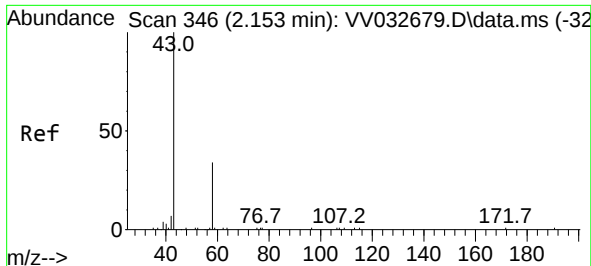
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 28 00:24:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 28 00:17:24 2023
Response via : Initial Calibration

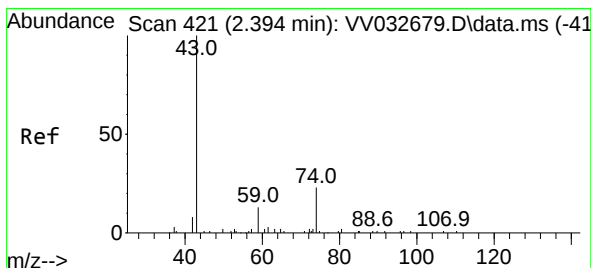
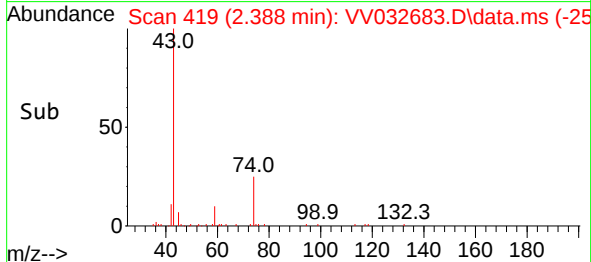
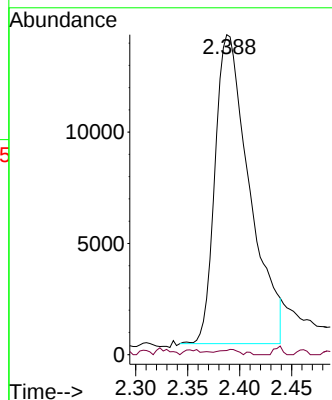
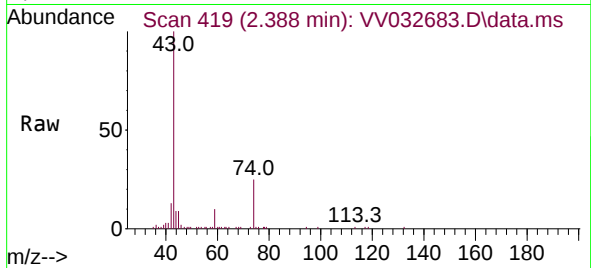




#13
Acetone
Concen: 11.140 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.235 min
Lab File: VV032683.D
Acq: 27 Oct 2023 14:53

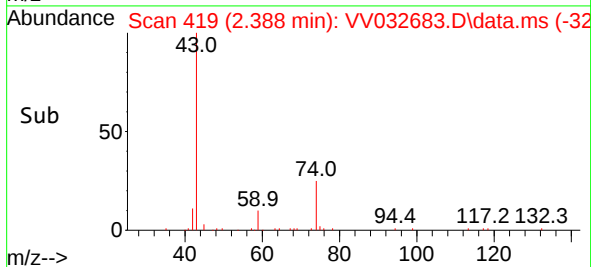
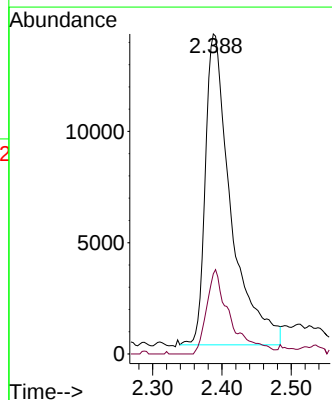
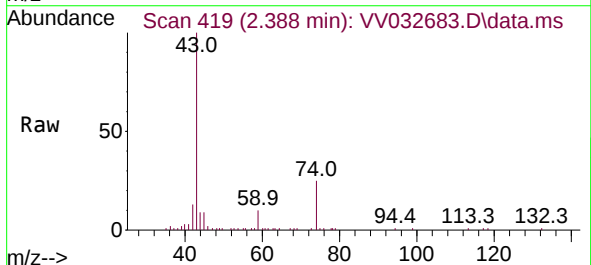
Instrument :
MSVOA_V
ClientSampleId :

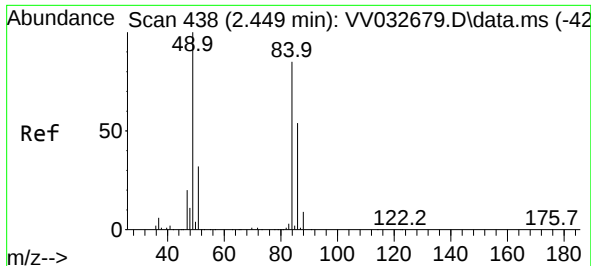
Tgt Ion: 43 Resp: 31984
Ion Ratio Lower Upper
43 100
58 0.9 0.0 50.6



#15
Methyl Acetate
Concen: 6.227 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.006 min
Lab File: VV032683.D
Acq: 27 Oct 2023 14:53

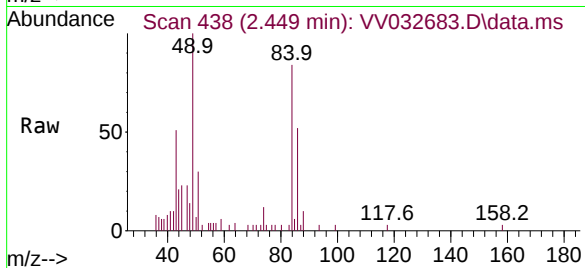
Tgt Ion: 43 Resp: 35803
Ion Ratio Lower Upper
43 100
74 25.1 23.1 34.7





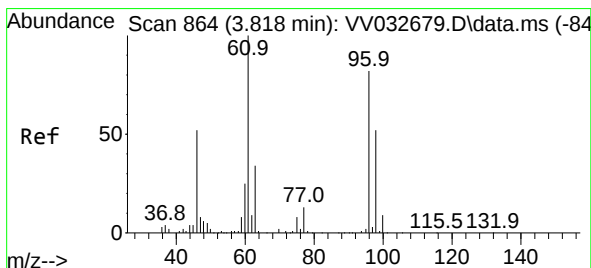
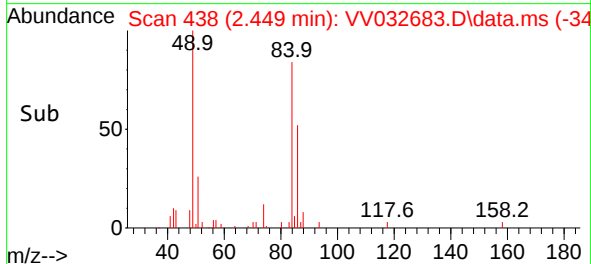
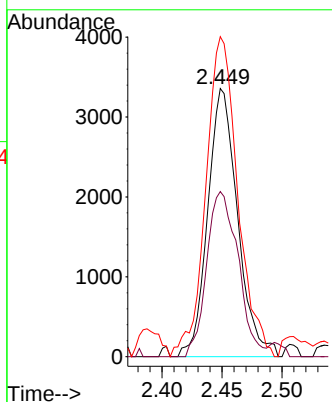
#16
Methylene chloride
Concen: 0.323 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032683.D
Acq: 27 Oct 2023 14:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 5820

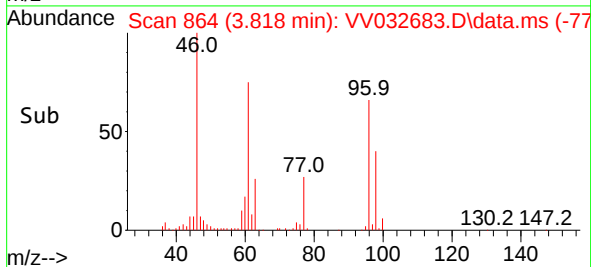
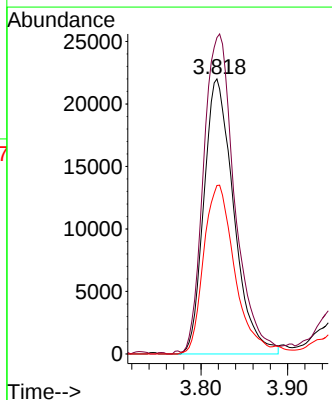
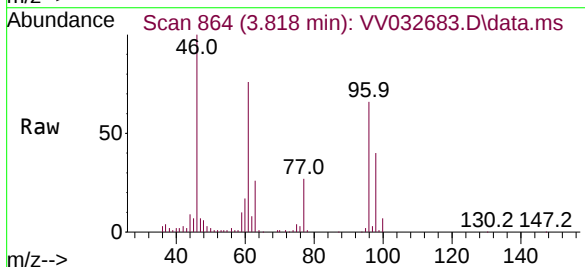
Ion	Ratio	Lower	Upper
84	100		
86	61.6	44.8	83.2
49	119.3	81.1	150.5

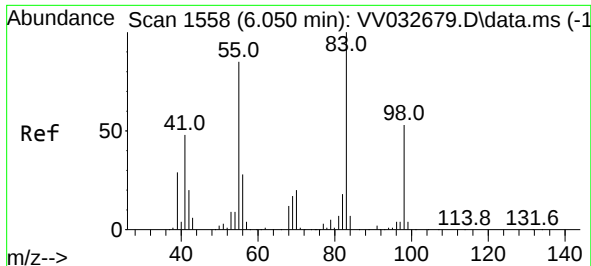


#22
cis-1,2-Dichloroethene
Concen: 3.587 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV032683.D
Acq: 27 Oct 2023 14:53

Tgt Ion: 96 Resp: 52703

Ion	Ratio	Lower	Upper
96	100		
61	115.0	87.7	162.9
98	61.3	45.0	83.6





#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV032683.D

Acq: 27 Oct 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

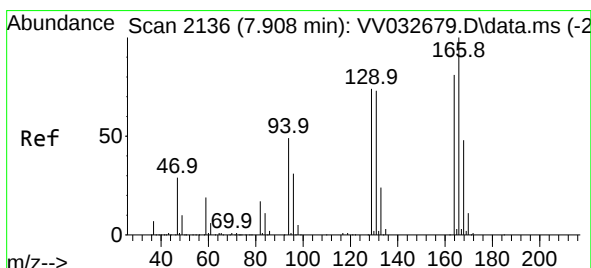
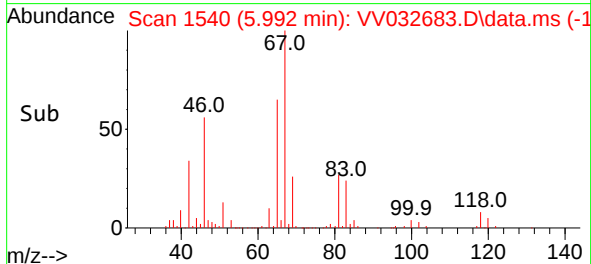
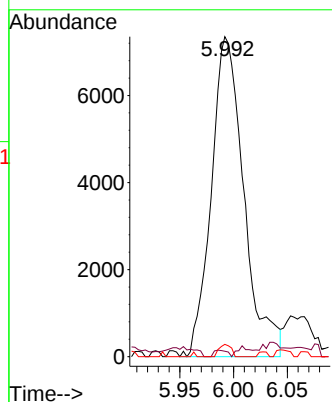
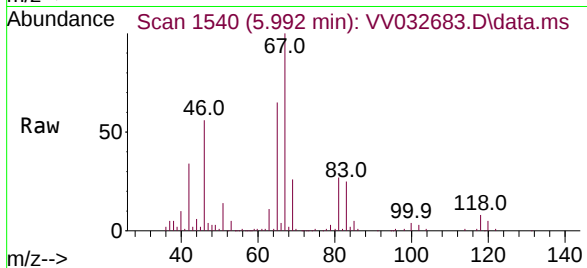
Tgt Ion: 83 Resp: 15461

Ion Ratio Lower Upper

83 100

55 0.8 59.6 89.4#

98 1.4 39.1 58.7#



#47

Tetrachloroethene

Concen: 0.306 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VV032683.D

Acq: 27 Oct 2023 14:53

Tgt Ion:164 Resp: 4043

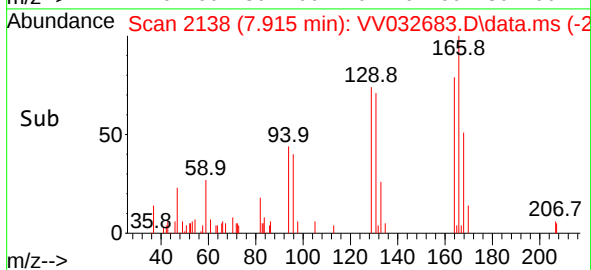
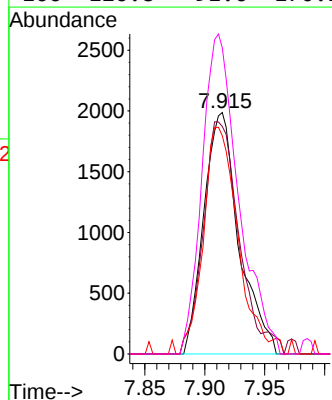
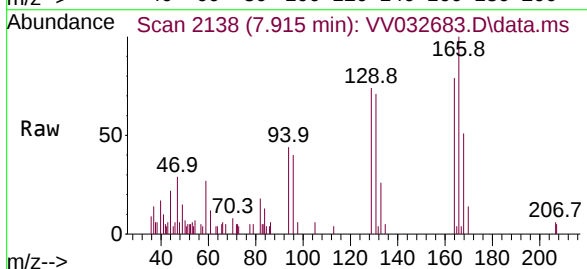
Ion Ratio Lower Upper

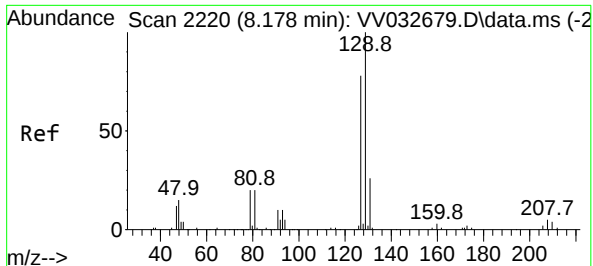
164 100

129 94.2 65.3 121.3

131 90.3 66.6 123.8

166 126.8 91.6 170.2





#49

Dibromochloromethane

Concen: 0.290 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032683.D

Acq: 27 Oct 2023 14:53

Instrument :

MSVOA_V

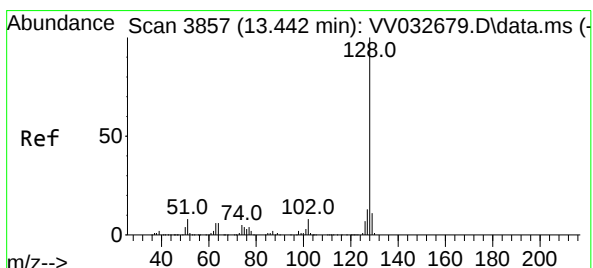
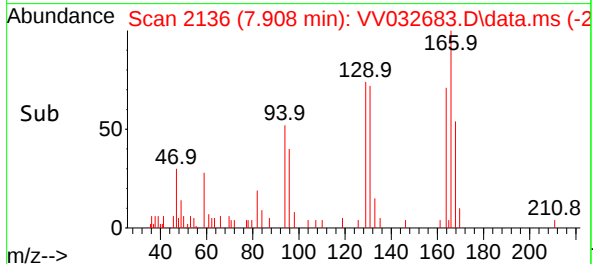
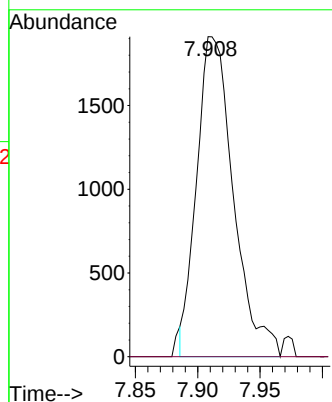
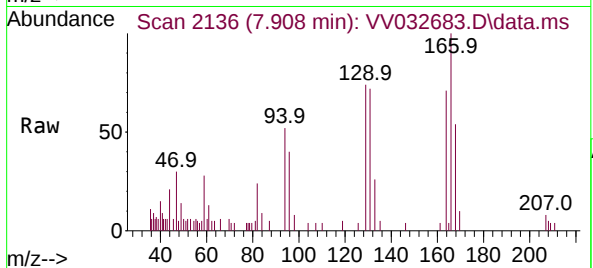
ClientSampleId :

Tgt Ion:129 Resp: 3921

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#71

Naphthalene

Concen: 0.150 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.006 min

Lab File: VV032683.D

Acq: 27 Oct 2023 14:53

Tgt Ion:128 Resp: 4155

Ion Ratio Lower Upper

128 100

129 7.6 8.6 12.8#

127 13.0 10.4 15.6

