

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101023\
 Data File : VW032367.D
 Acq On : 10 Oct 2023 11:29
 Operator : SY/MD
 Sample : 04708-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 11 01:57:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 11 01:56:10 2023
 Response via : Initial Calibration

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

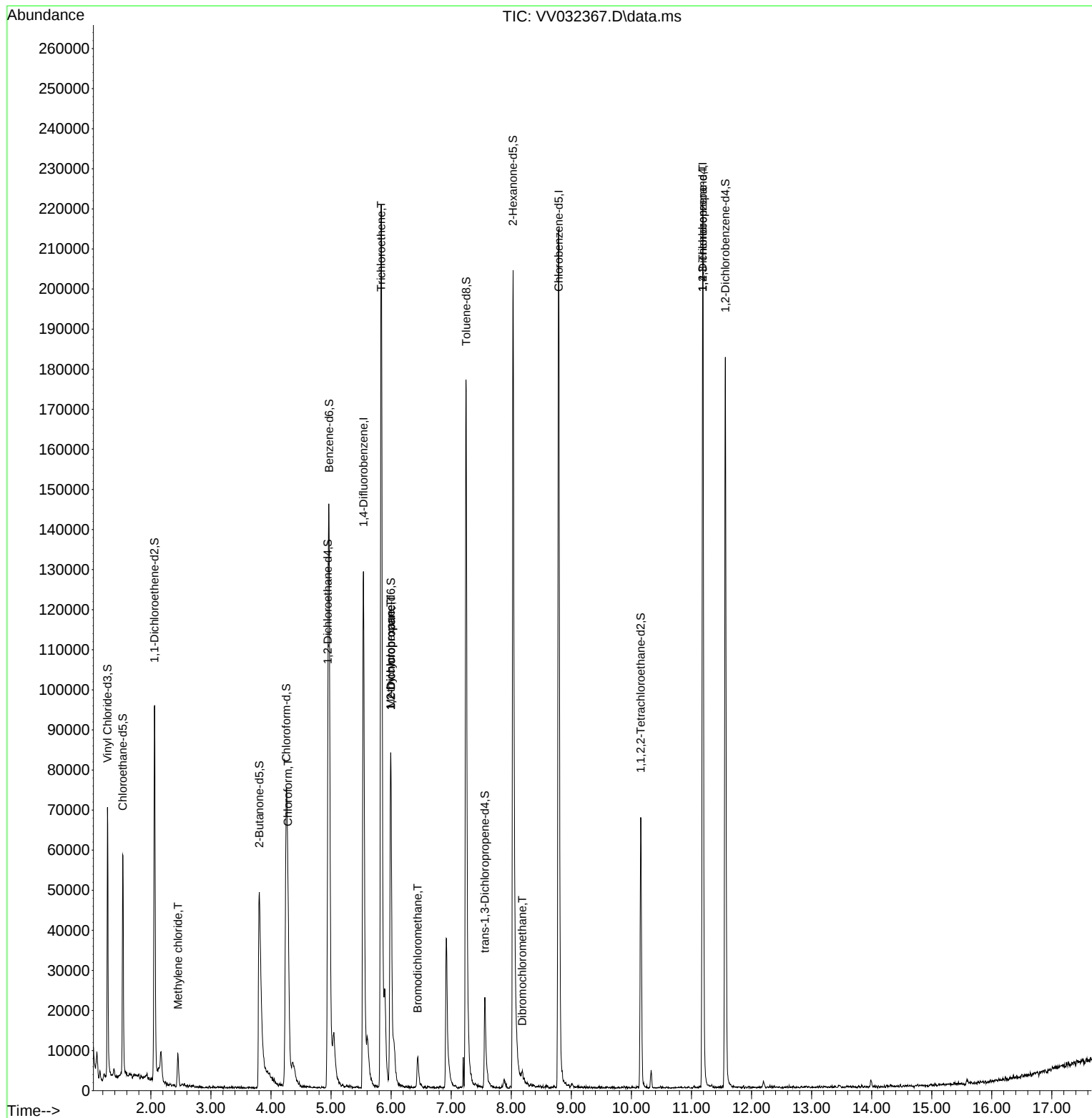
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	112871	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	125253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43600	4.750	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.532	69	35040	4.702	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.060	65	16212	4.188	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	3.806	46	86397	37.206	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.420%	
24) Chloroform-d	4.253	84	69300	4.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	4.947	65	32548	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	4.966	84	134204	3.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.800%	
36) 1,2-Dichloropropane-d6	5.995	67	49331	4.040	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.249	98	127427	3.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.561	79	15805	3.653	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.000%	
46) 2-Hexanone-d5	8.031	63	77724	38.177	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.360%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33564	3.930	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	45909	4.282	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.600%	
Target Compounds						
16) Methylene chloride	2.452	84	2903	0.269	ug/L	87
25) Chloroform	4.281	83	37966	2.169	ug/L	99
34) Trichloroethene	5.834	95	80843	6.715	ug/L	99
35) Methylcyclohexane	5.992	83	10162	0.545	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	4574	0.388	ug/L #	87
38) Bromodichloromethane	6.442	83	6298	0.449	ug/L	93
49) Dibromochloromethane	8.185	129	1134	0.131	ug/L	78
61) 1,2,3-Trichloropropane	11.188	75	7881	1.281	ug/L #	67

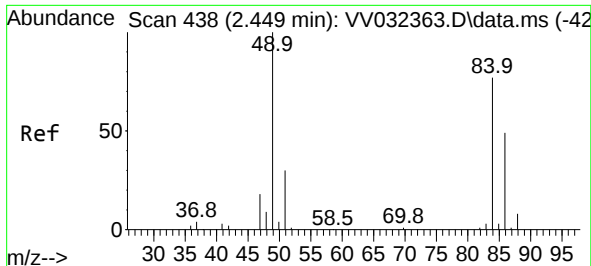
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
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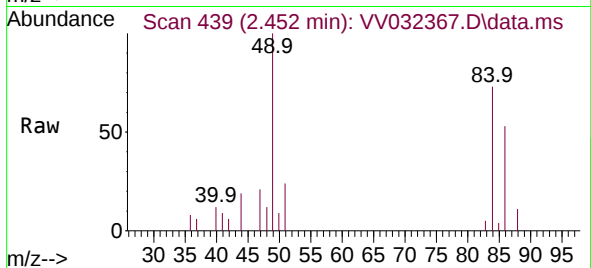
Quant Time: Oct 11 01:57:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
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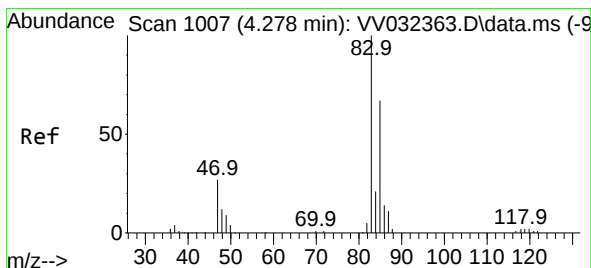
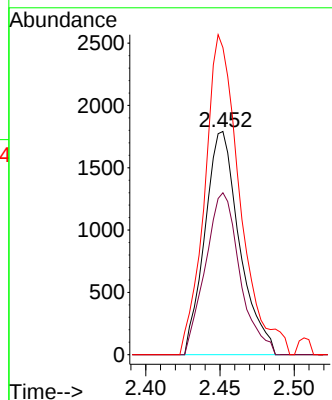
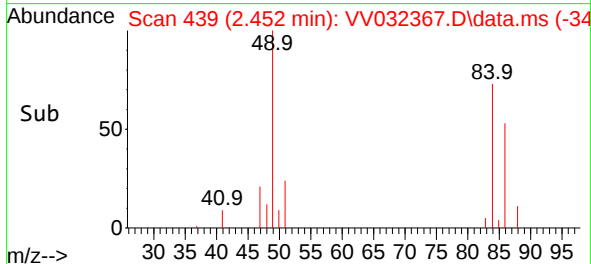


#16
Methylene chloride
Concen: 0.269 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032367.D
Acq: 10 Oct 2023 11:29

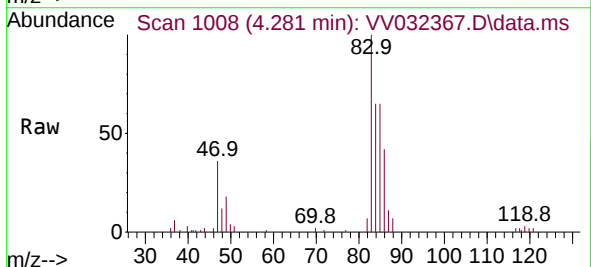
Instrument :
MSVOA_V
ClientSampleId :



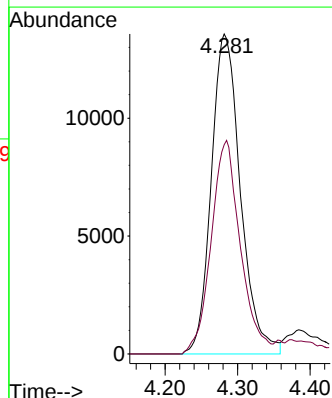
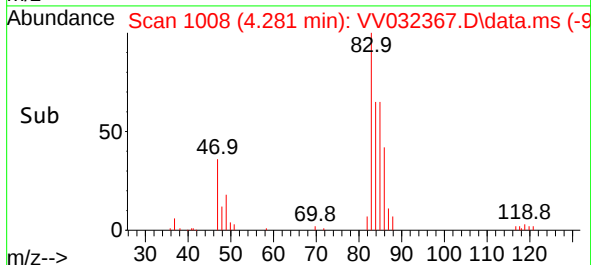
Tgt Ion: 84 Resp: 2903
Ion Ratio Lower Upper
84 100
86 72.6 43.2 80.2
49 137.6 86.3 160.3

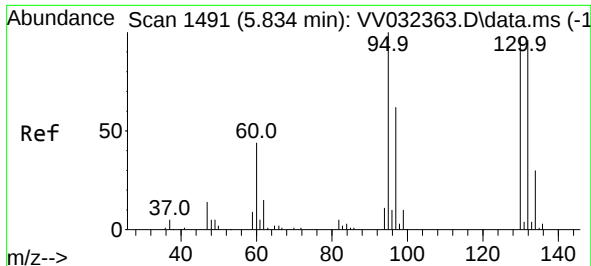


#25
Chloroform
Concen: 2.169 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV032367.D
Acq: 10 Oct 2023 11:29



Tgt Ion: 83 Resp: 37966
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.4

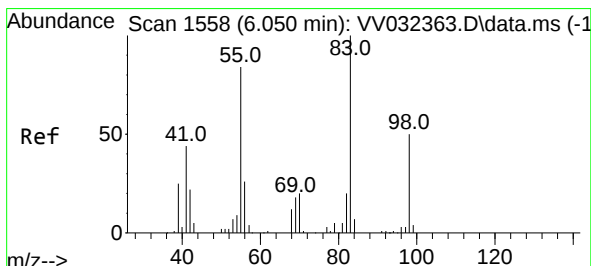
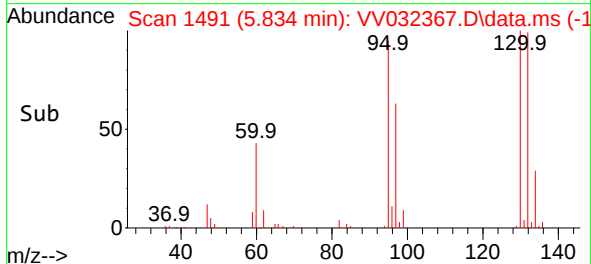
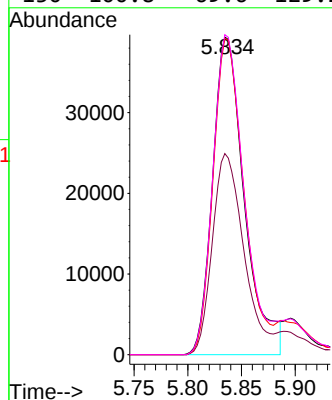
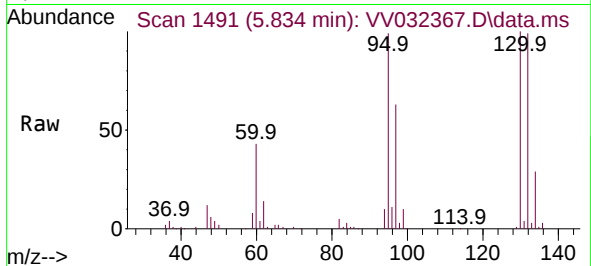




#34
Trichloroethene
Concen: 6.715 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032367.D
Acq: 10 Oct 2023 11:29

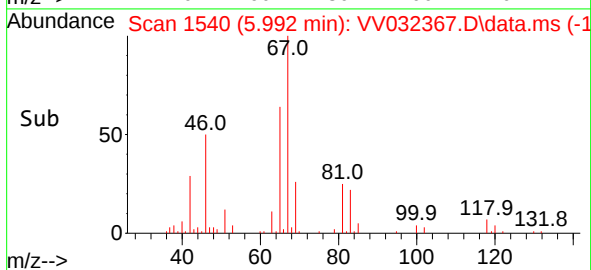
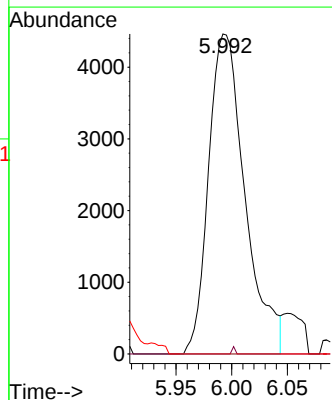
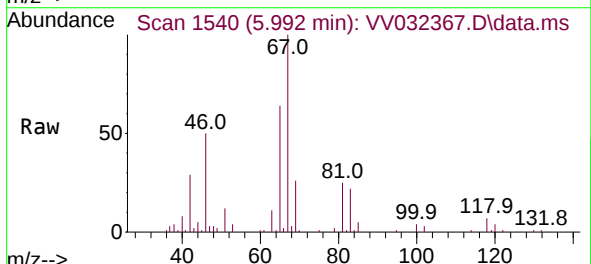
Instrument :
MSVOA_V
ClientSampleId :

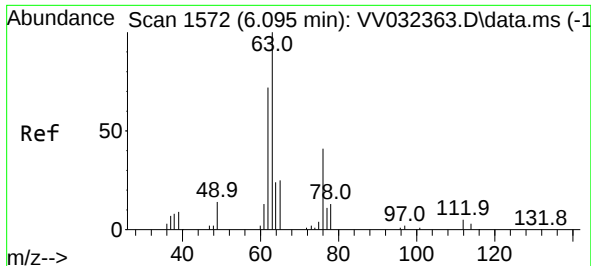
Tgt Ion: 95 Resp: 80843
Ion Ratio Lower Upper
95 100
97 63.3 45.7 84.9
132 99.6 70.3 130.5
130 100.8 69.6 129.2



#35
Methylcyclohexane
Concen: 0.545 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV032367.D
Acq: 10 Oct 2023 11:29

Tgt Ion: 83 Resp: 10162
Ion Ratio Lower Upper
83 100
55 0.2 64.2 96.2#
98 7.2 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.388 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV032367.D

Acq: 10 Oct 2023 11:29

Instrument :

MSVOA_V

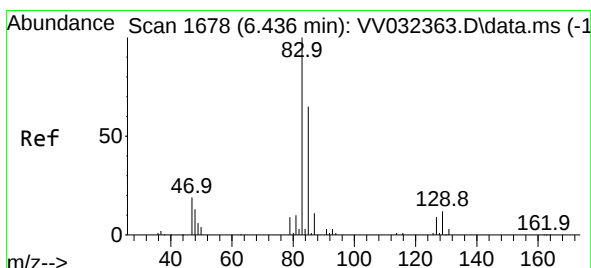
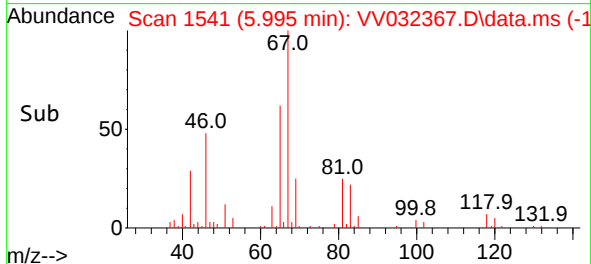
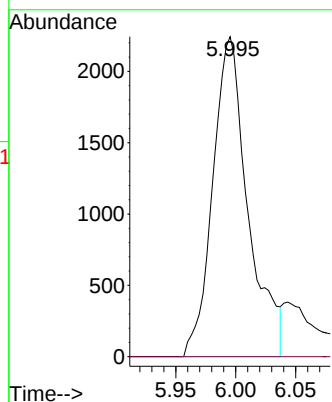
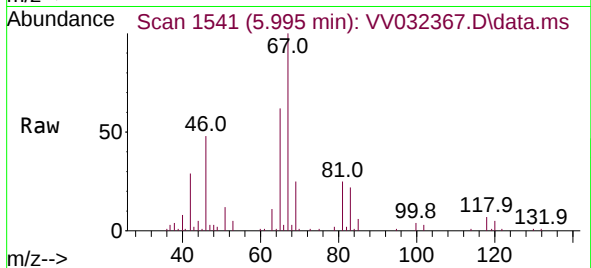
ClientSampleId :

Tgt Ion: 63 Resp: 4574

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.449 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.007 min

Lab File: VV032367.D

Acq: 10 Oct 2023 11:29

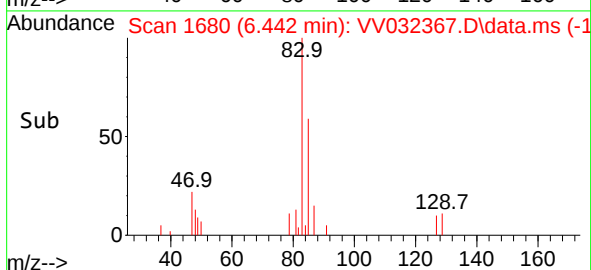
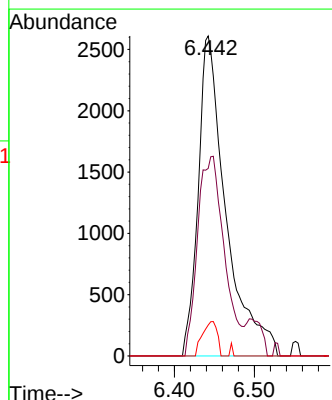
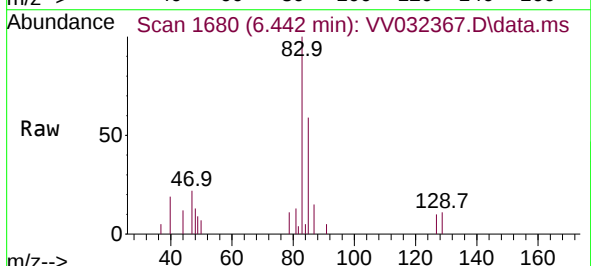
Tgt Ion: 83 Resp: 6298

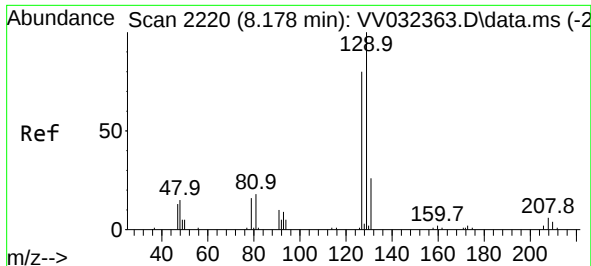
Ion Ratio Lower Upper

83 100

85 58.6 44.9 83.3

127 9.7 6.9 10.3





#49

Dibromochloromethane

Concen: 0.131 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV032367.D

Acq: 10 Oct 2023 11:29

Instrument :

MSVOA_V

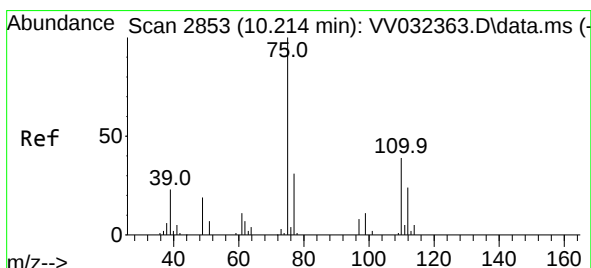
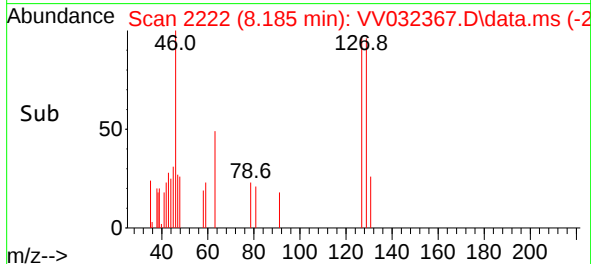
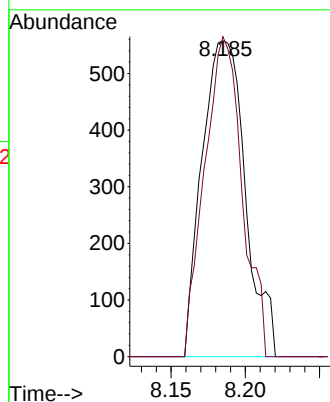
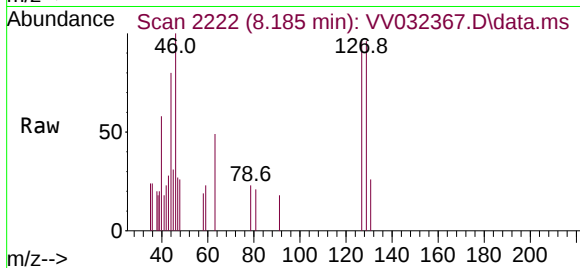
ClientSampleId :

Tgt Ion:129 Resp: 1134

Ion Ratio Lower Upper

129 100

127 101.3 57.2 106.2



#61

1,2,3-Trichloropropane

Concen: 1.281 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032367.D

Acq: 10 Oct 2023 11:29

Tgt Ion: 75 Resp: 7881

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

110 2.2 30.6 46.0#

