

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050585.D
 Acq On : 01 Sep 2022 16:57
 Operator : SY/MD
 Sample : N4363-04ME
 Misc : 5.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVV9ME

Quant Time: Sep 02 02:10:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 02 02:07:32 2022
 Response via : Initial Calibration

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

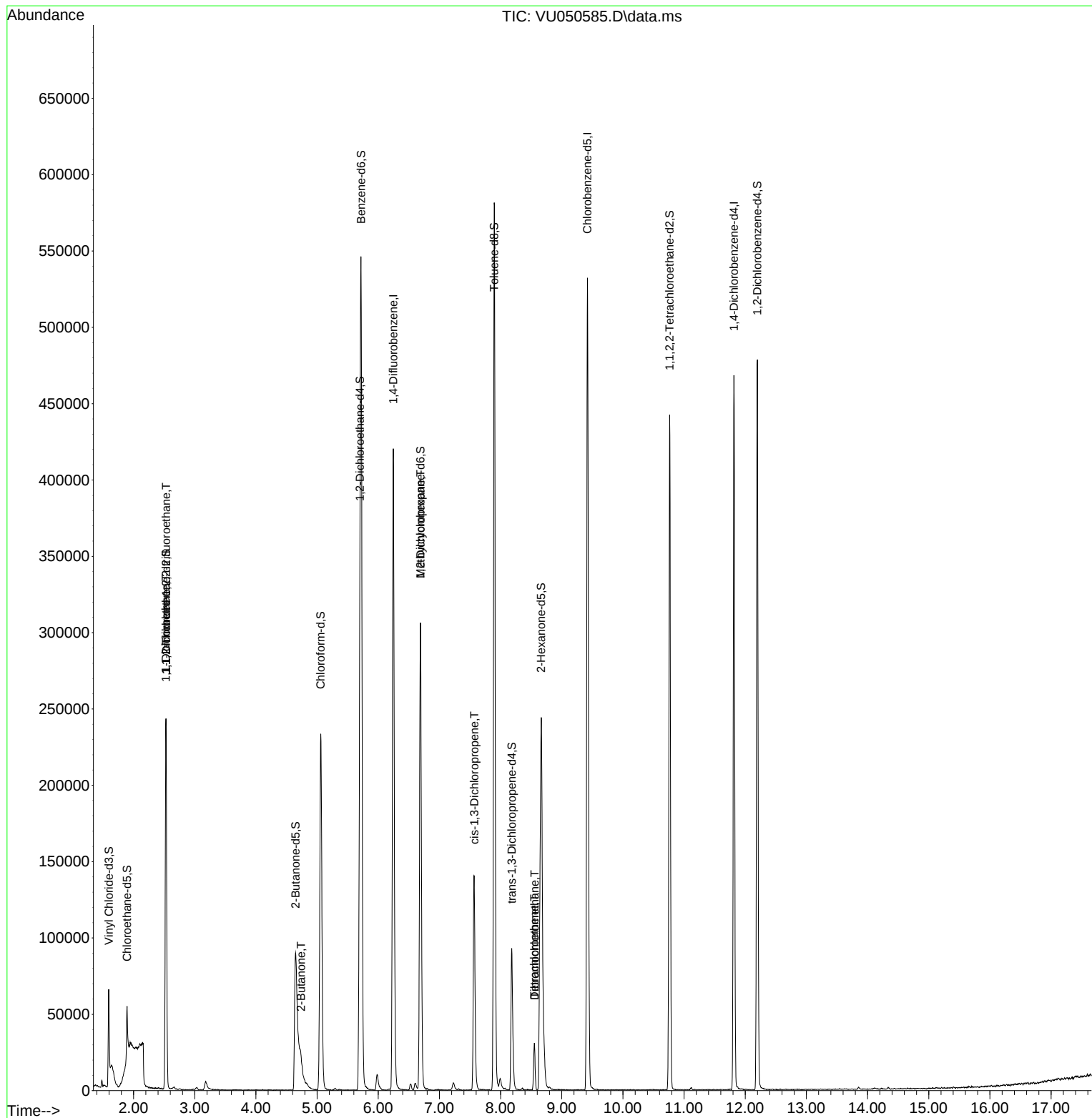
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	365395	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	343420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	54758	19.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.080%#
7) Chloroethane-d5	1.893	69	29975	13.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.440%#
11) 1,1-Dichloroethene-d2	2.530	63	145517	30.754	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.500%
21) 2-Butanone-d5	4.649	46	201553	82.235	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.230%
24) Chloroform-d	5.060	84	240920	44.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	5.700	65	157206	44.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.760%
32) Benzene-d6	5.719	84	486507	45.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.420%
36) 1,2-Dichloropropane-d6	6.690	67	164752	46.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.980%
41) Toluene-d8	7.896	98	412016	44.494	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.980%
43) trans-1,3-Dichloroprop...	8.182	79	62604	43.922	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.840%
47) 2-Hexanone-d5	8.665	63	105339	82.090	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.090%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	230794	41.750	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.500%
66) 1,2-Dichlorobenzene-d4	12.198	152	128215	47.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.530	101	1431	0.594	ug/L #	20
12) 1,1-Dichloroethene	2.526	96	1125	0.447	ug/L #	1
22) 2-Butanone	4.739	43	21787	7.398	ug/L	86
35) Methylcyclohexane	6.690	83	38178	9.918	ug/L #	19
39) cis-1,3-Dichloropropene	7.571	75	4029	0.895	ug/L #	54
46) Tetrachloroethene	8.552	164	7089	3.540	ug/L	95
49) Dibromochloromethane	8.555	129	7141	2.481	ug/L #	10

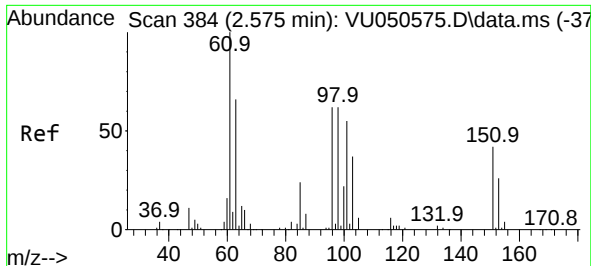
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 02 02:07:32 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.594 ug/L

RT: 2.530 min Scan# 31

Delta R.T. -0.045 min

Lab File: VU050585.D

Acq: 01 Sep 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

DBVV9ME

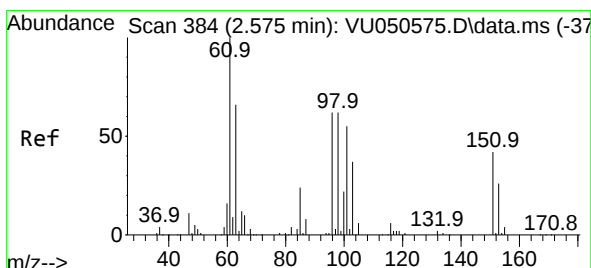
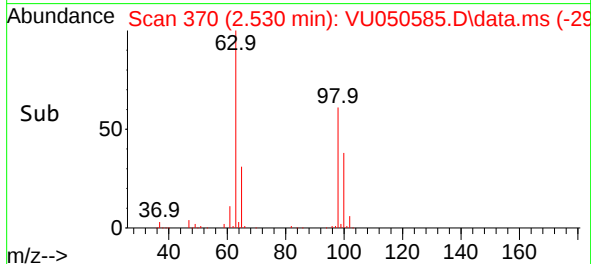
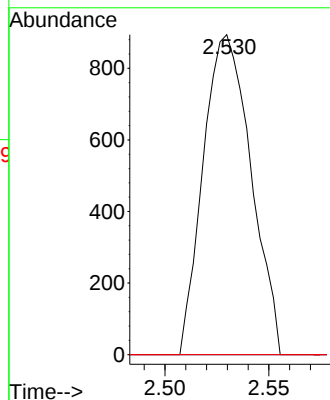
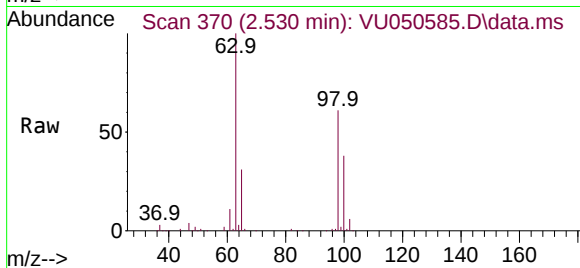
Tgt Ion:101 Resp: 1431

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.2 87.2#



#12

1,1-Dichloroethene

Concen: 0.447 ug/L

RT: 2.526 min Scan# 369

Delta R.T. -0.048 min

Lab File: VU050585.D

Acq: 01 Sep 2022 16:57

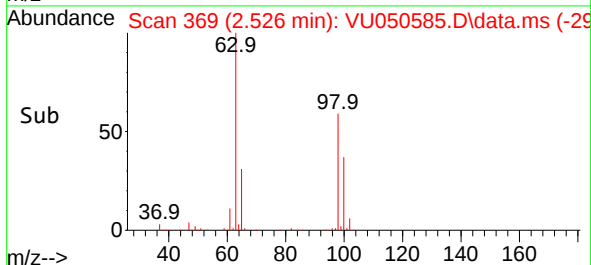
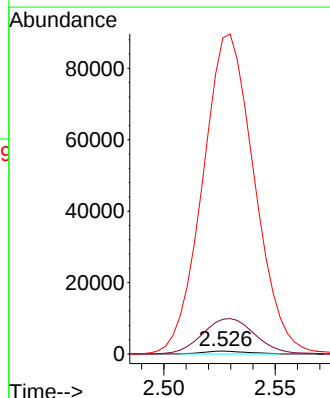
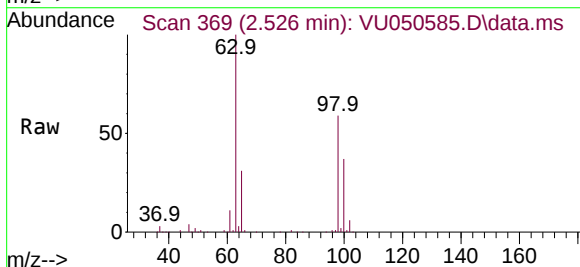
Tgt Ion: 96 Resp: 1125

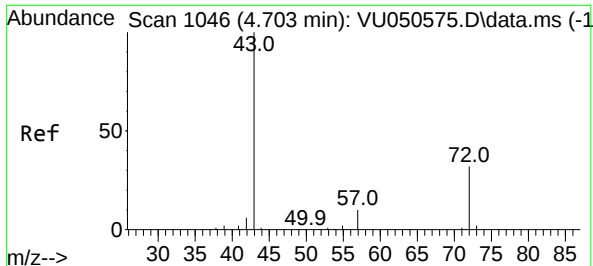
Ion Ratio Lower Upper

96 100

61 1213.6 113.5 210.9#

63 11043.4 78.0 144.9#





#22

2-Butanone

Concen: 7.398 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.035 min

Lab File: VU050585.D

Acq: 01 Sep 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

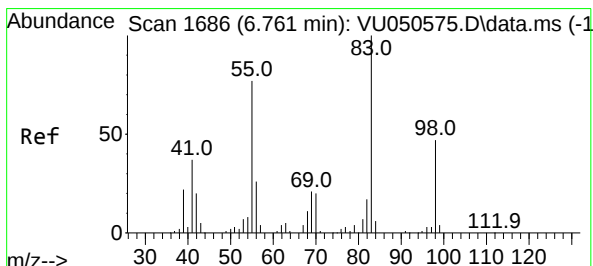
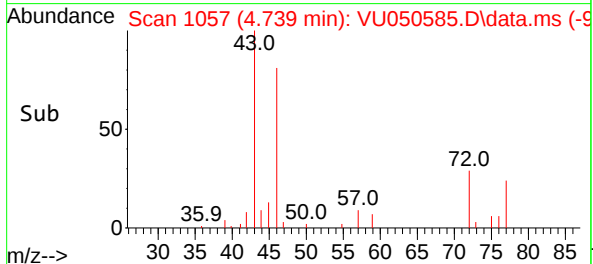
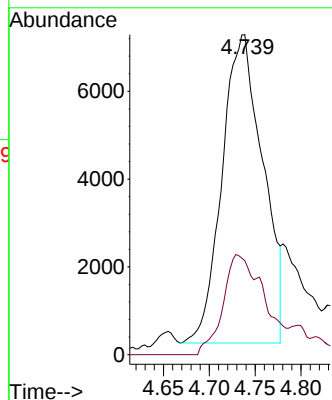
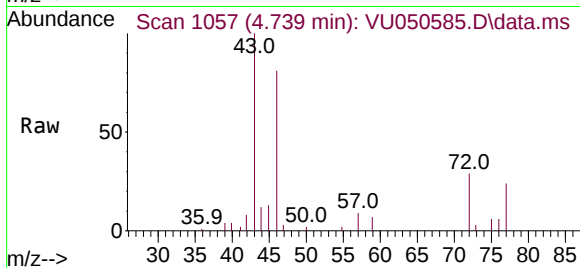
DBVV9ME

Tgt Ion: 43 Resp: 21787

Ion Ratio Lower Upper

43 100

72 22.1 14.8 44.3



#35

Methylcyclohexane

Concen: 9.918 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU050585.D

Acq: 01 Sep 2022 16:57

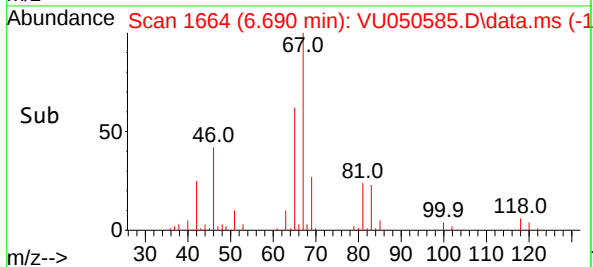
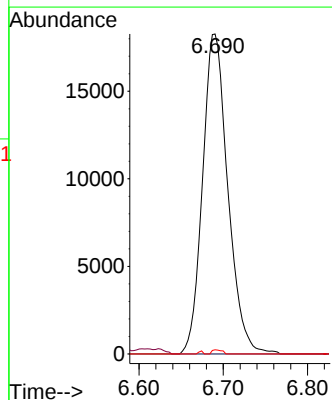
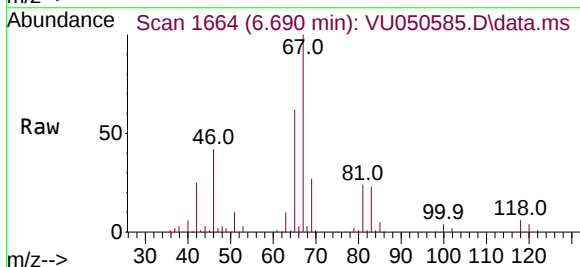
Tgt Ion: 83 Resp: 38178

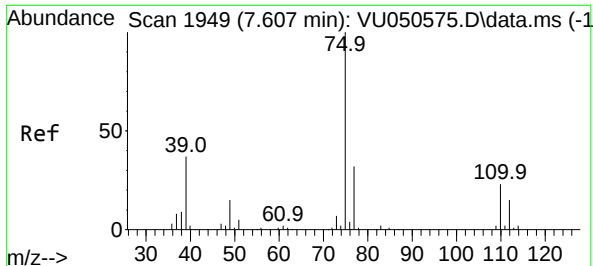
Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

98 0.5 35.7 53.5#





#39

cis-1,3-Dichloropropene

Concen: 0.895 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.035 min

Lab File: VU050585.D

Acq: 01 Sep 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

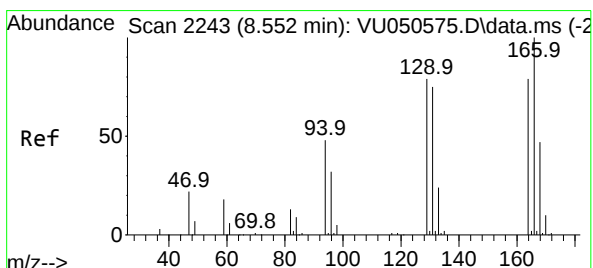
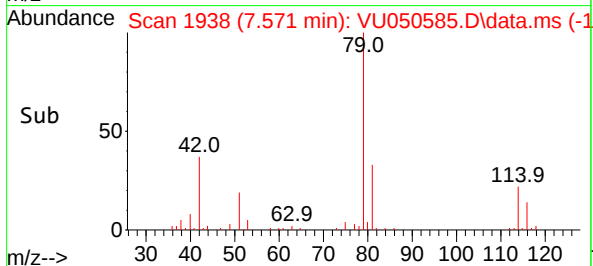
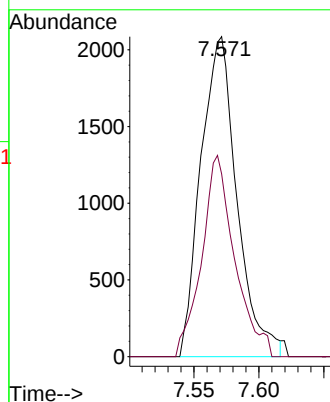
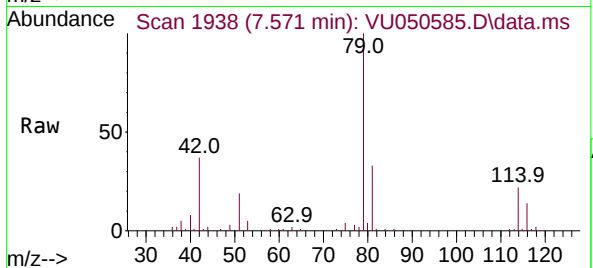
DBVV9ME

Tgt Ion: 75 Resp: 4029

Ion Ratio Lower Upper

75 100

77 57.1 22.1 41.1#



#46

Tetrachloroethene

Concen: 3.540 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050585.D

Acq: 01 Sep 2022 16:57

Tgt Ion: 164 Resp: 7089

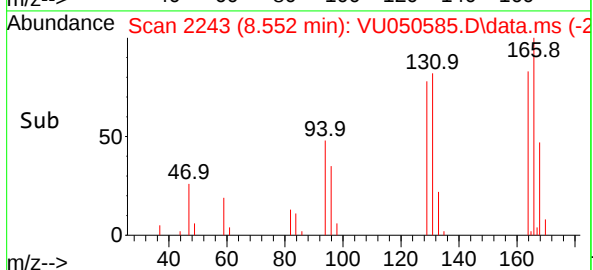
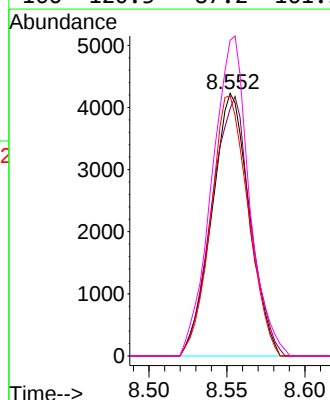
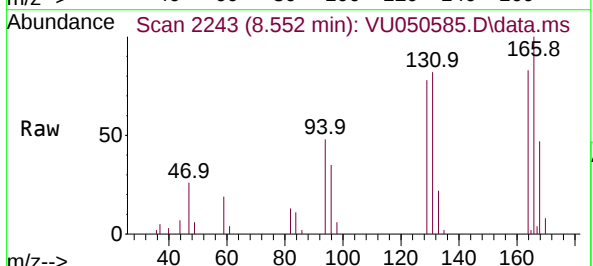
Ion Ratio Lower Upper

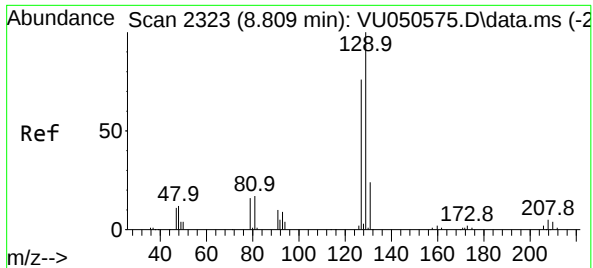
164 100

129 94.1 67.5 125.3

131 99.1 63.8 118.4

166 120.3 87.2 161.9





#49

Dibromochloromethane

Concen: 2.481 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU050585.D

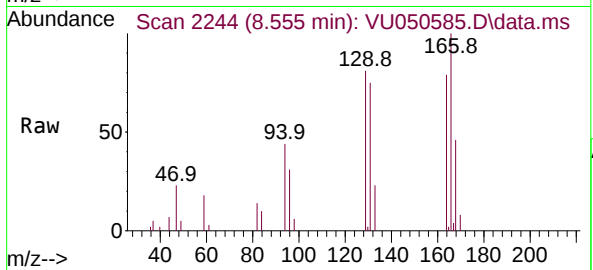
Acq: 01 Sep 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

DBVV9ME



Tgt Ion:129 Resp: 7141

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#

