

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050537.D
 Acq On : 31 Aug 2022 00:02
 Operator : SY/MD
 Sample : N4363-11ME
 Misc : 5.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVW6ME

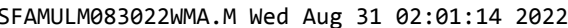
Quant Time: Aug 31 02:01:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:47:14 2022
 Response via : Initial Calibration

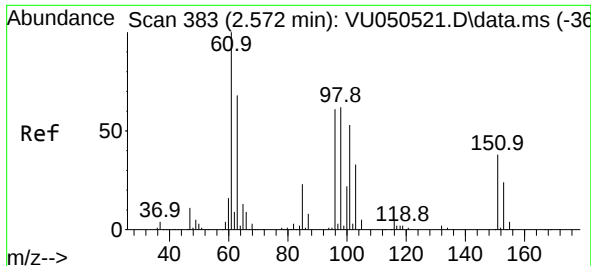
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	328926	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	328441	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	128804	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	123711	49.038	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.080%		
7) Chloroethane-d5	1.877	69	71489	36.347	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.700%		
11) 1,1-Dichloroethene-d2	2.526	63	268840	63.117	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	126.240%#		
21) 2-Butanone-d5	4.639	46	436894	198.019	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	198.020%#		
24) Chloroform-d	5.060	84	425852	86.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	173.500%#		
26) 1,2-Dichloroethane-d4	5.697	65	288696	90.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	181.080%#		
32) Benzene-d6	5.719	84	913177	89.705	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	179.420%#		
36) 1,2-Dichloropropane-d6	6.690	67	307818	90.815	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	181.640%#		
41) Toluene-d8	7.896	98	779662	88.037	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	176.080%#		
43) trans-1,3-Dichloroprop...	8.182	79	101911	74.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	149.520%#		
47) 2-Hexanone-d5	8.655	63	286223	233.224	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	233.220%#		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	479958	90.783	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	181.560%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	270091	96.851	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	193.700%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	2422	1.117	ug/L #	20
12) 1,1-Dichloroethene	2.523	96	2088	0.921	ug/L #	1
35) Methylcyclohexane	6.687	83	70057	19.031	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	31603	9.674	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	6071	1.410	ug/L #	67
44) trans-1,3-Dichloropropene	8.182	75	4098	1.045	ug/L	83
46) Tetrachloroethene	8.552	164	16612	8.673	ug/L	96
48) 2-Hexanone	8.655	43	41221	10.197	ug/L #	78
49) Dibromochloromethane	8.552	129	16255	5.905	ug/L #	10
60) 1,2,3-Trichloropropane	11.815	75	16382	4.237	ug/L #	66

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

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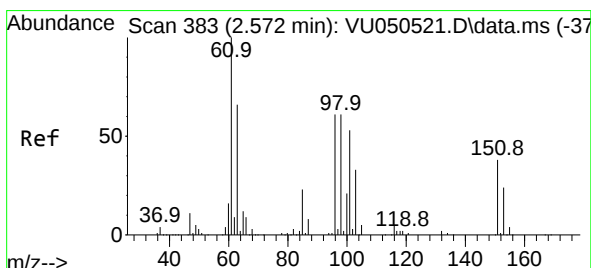
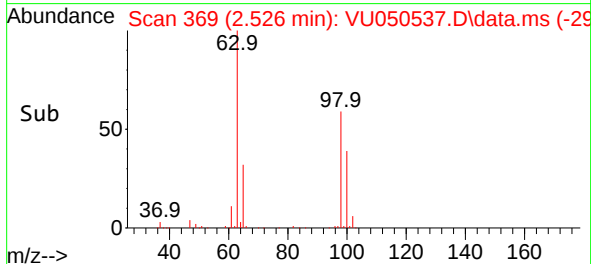
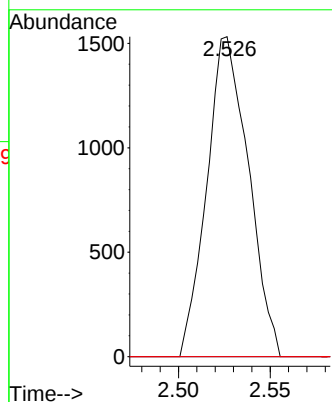
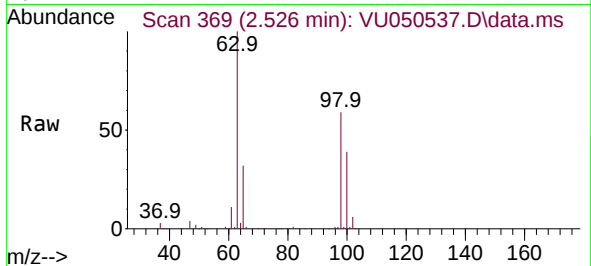




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.117 ug/L
RT: 2.526 min Scan# 30
Delta R.T. -0.045 min
Lab File: VU050537.D
Acq: 31 Aug 2022 00:02

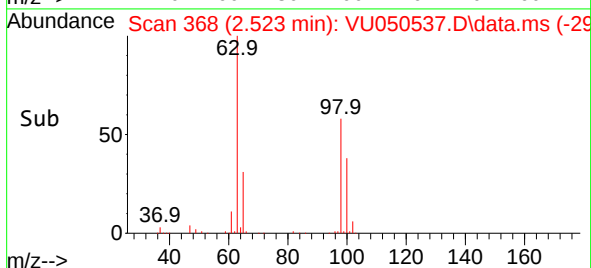
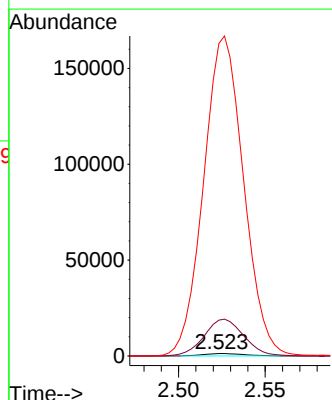
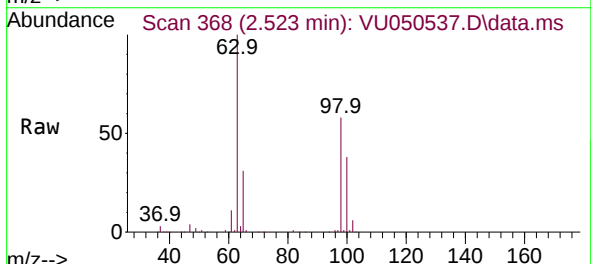
Instrument :
MSVOA_U
ClientSampleId :
DBVW6ME

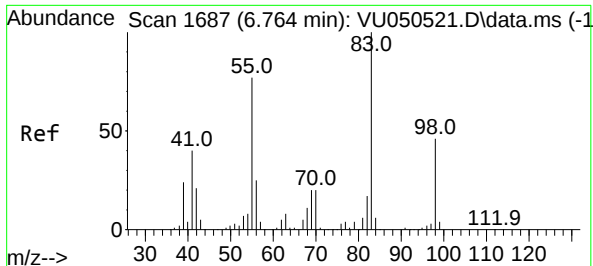
Tgt Ion:101 Resp: 2422
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.2 87.2#



#12
1,1-Dichloroethene
Concen: 0.921 ug/L
RT: 2.523 min Scan# 368
Delta R.T. -0.048 min
Lab File: VU050537.D
Acq: 31 Aug 2022 00:02

Tgt Ion: 96 Resp: 2088
Ion Ratio Lower Upper
96 100
61 1508.5 113.5 210.9#
63 13135.2 78.0 144.9#





#35

Methylcyclohexane

Concen: 19.031 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU050537.D

Acq: 31 Aug 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

DBVW6ME

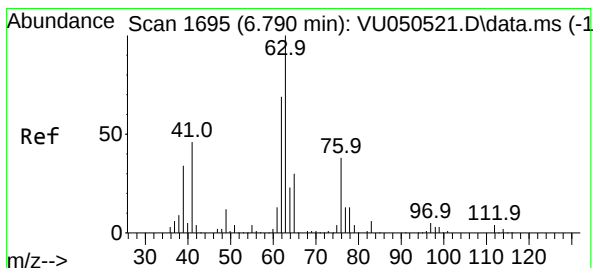
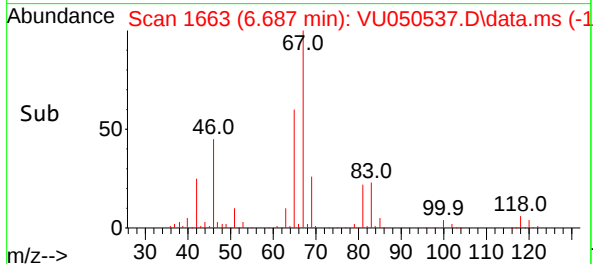
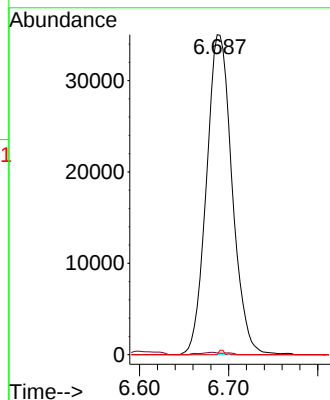
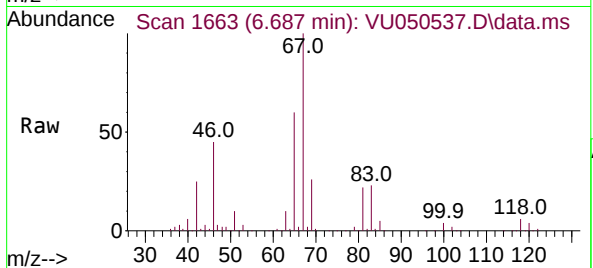
Tgt Ion: 83 Resp: 70057

Ion Ratio Lower Upper

83 100

55 0.4 61.0 91.4#

98 0.3 35.7 53.5#



#37

1,2-Dichloropropane

Concen: 9.674 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU050537.D

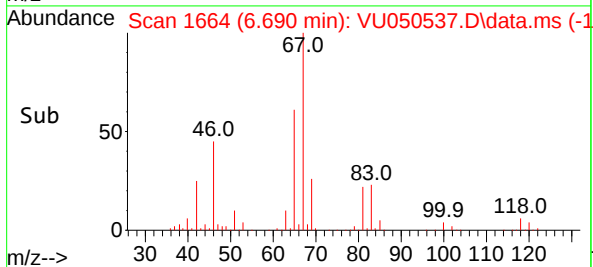
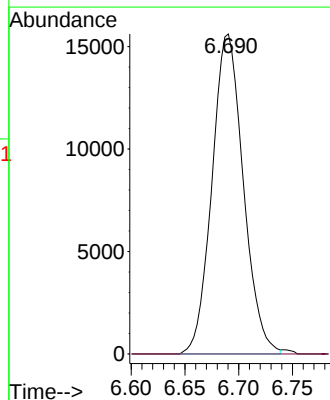
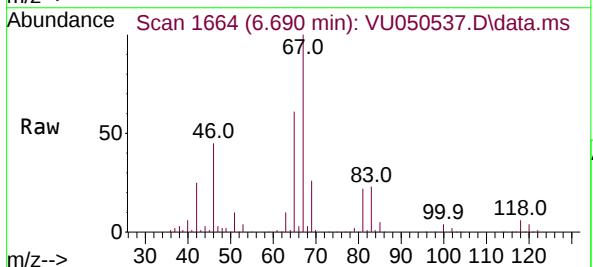
Acq: 31 Aug 2022 00:02

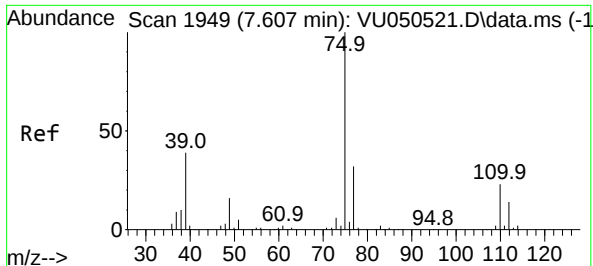
Tgt Ion: 63 Resp: 31603

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.410 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050537.D

Acq: 31 Aug 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

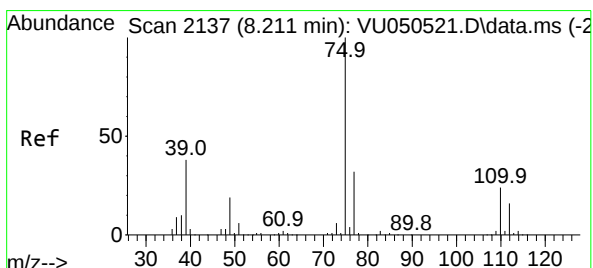
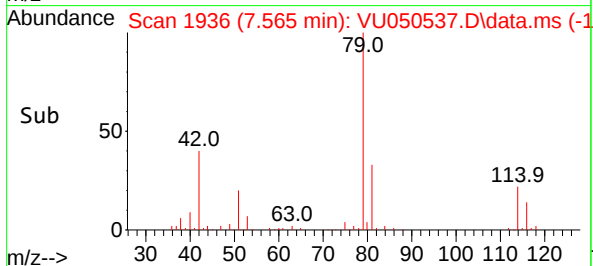
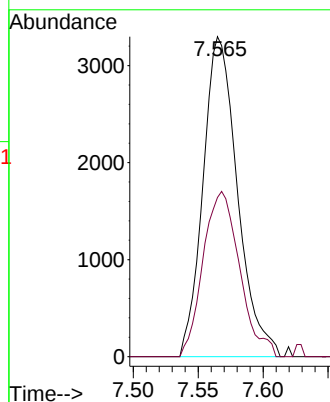
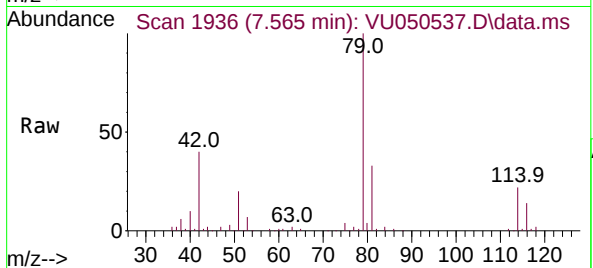
DBVW6ME

Tgt Ion: 75 Resp: 6071

Ion Ratio Lower Upper

75 100

77 49.7 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 1.045 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050537.D

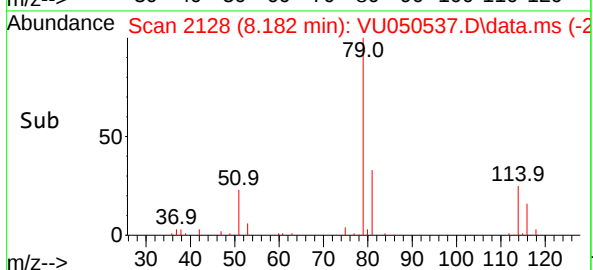
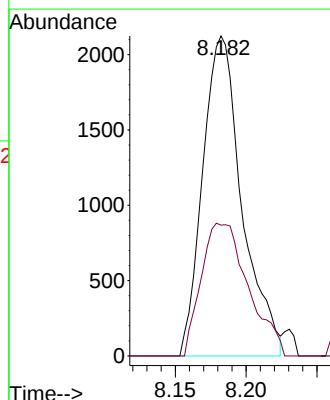
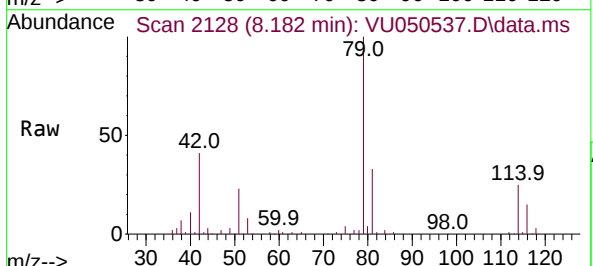
Acq: 31 Aug 2022 00:02

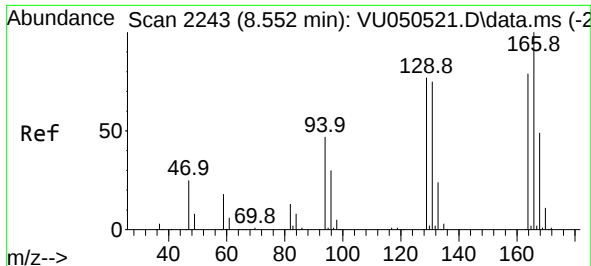
Tgt Ion: 75 Resp: 4098

Ion Ratio Lower Upper

75 100

77 40.9 22.2 41.2

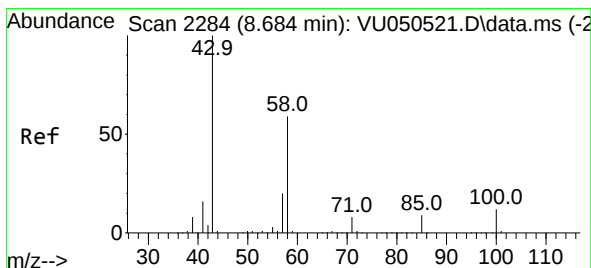
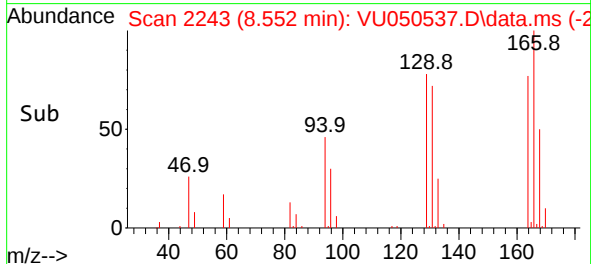
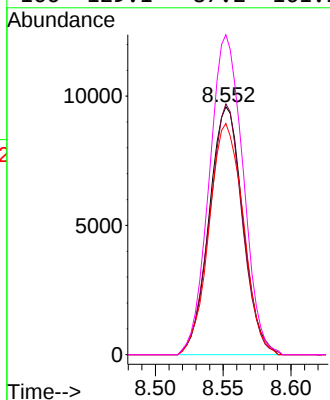
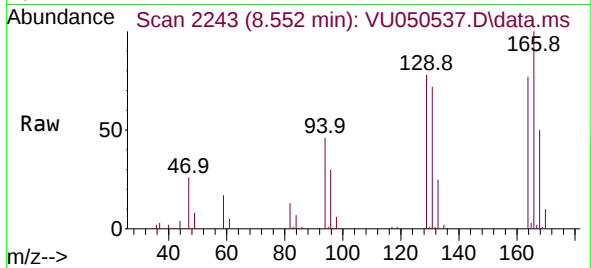




#46
Tetrachloroethene
Concen: 8.673 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050537.D
Acq: 31 Aug 2022 00:02

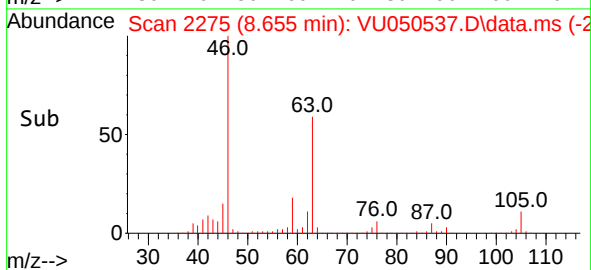
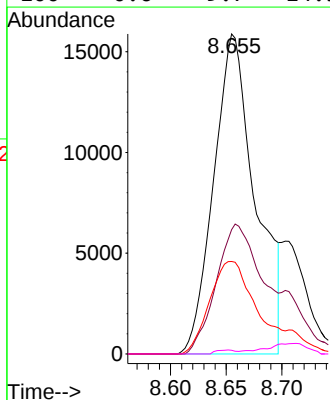
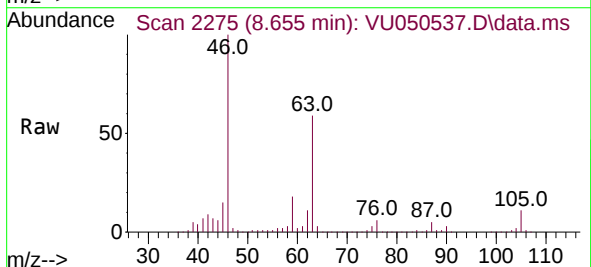
Instrument :
MSVOA_U
ClientSampleId :
DBVW6ME

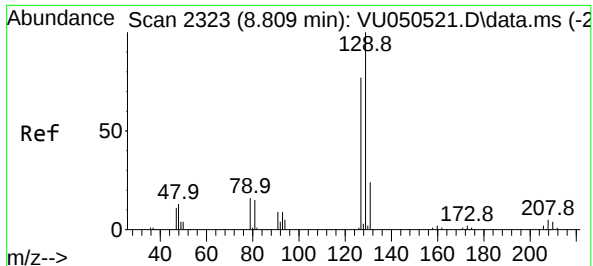
Tgt Ion:164 Resp: 16612
Ion Ratio Lower Upper
164 100
129 101.1 67.5 125.3
131 93.3 63.8 118.4
166 129.1 87.2 161.9



#48
2-Hexanone
Concen: 10.197 ug/L
RT: 8.655 min Scan# 2275
Delta R.T. -0.029 min
Lab File: VU050537.D
Acq: 31 Aug 2022 00:02

Tgt Ion: 43 Resp: 41221
Ion Ratio Lower Upper
43 100
58 44.6 46.6 69.8#
57 32.4 15.8 23.6#
100 0.6 9.7 14.5#





#49

Dibromochloromethane

Concen: 5.905 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050537.D

Acq: 31 Aug 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

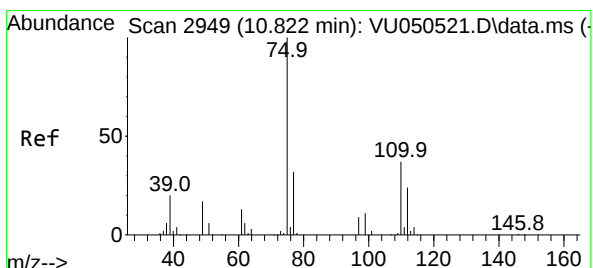
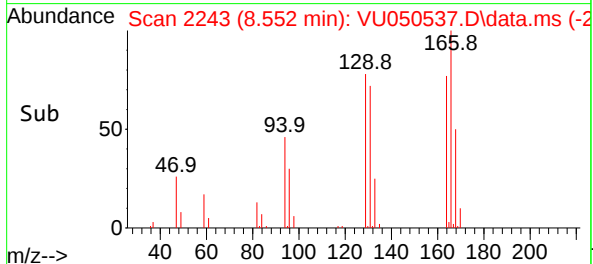
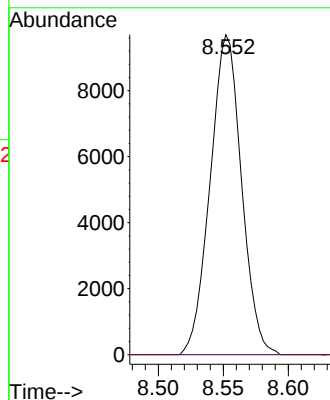
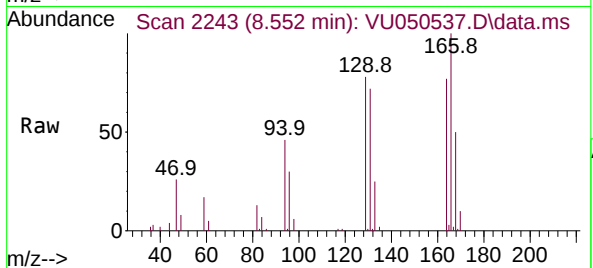
DBVW6ME

Tgt Ion:129 Resp: 16255

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#60

1,2,3-Trichloropropane

Concen: 4.237 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.993 min

Lab File: VU050537.D

Acq: 31 Aug 2022 00:02

Tgt Ion: 75 Resp: 16382

Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.4

110 0.9 29.0 43.6#

