

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050525.D
 Acq On : 30 Aug 2022 19:17
 Operator : SY/MD
 Sample : N4345-09ME
 Misc : 5.47g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVS9ME

Quant Time: Aug 31 01:58:40 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)

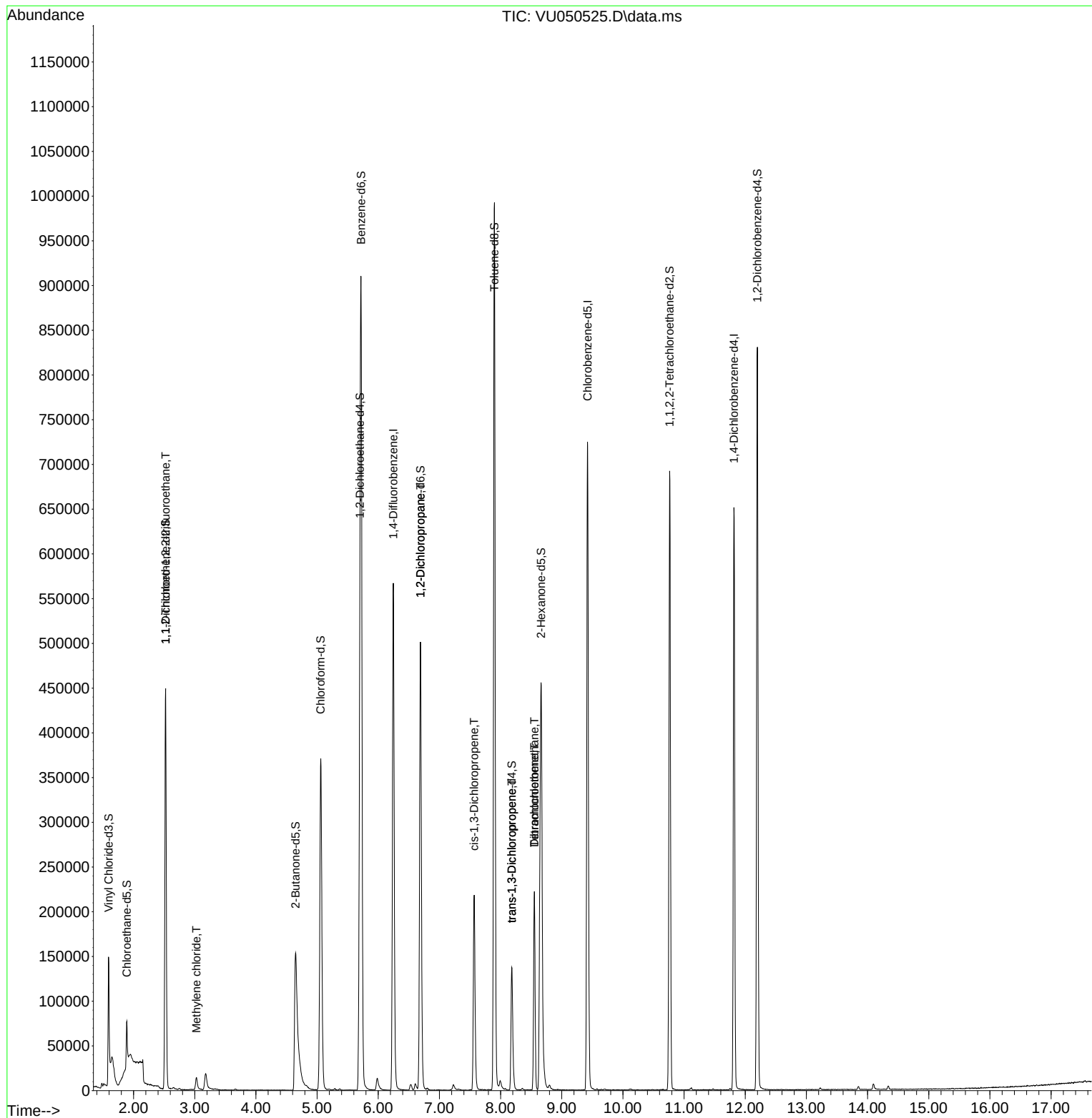
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	485160	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	452678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	172283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	121096	32.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.080%			
7) Chloroethane-d5	1.890	69	43435	14.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 29.940%#			
11) 1,1-Dichloroethene-d2	2.523	63	269568	42.908	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.820%			
21) 2-Butanone-d5	4.649	46	333724	102.549	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.550%			
24) Chloroform-d	5.060	84	369804	51.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.160%			
26) 1,2-Dichloroethane-d4	5.700	65	242336	51.528	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.060%			
32) Benzene-d6	5.719	84	804963	57.373	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.740%			
36) 1,2-Dichloropropane-d6	6.690	67	263023	56.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.600%			
41) Toluene-d8	7.899	98	700998	57.431	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.860%			
43) trans-1,3-Dichloroprop...	8.182	79	92721	49.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.700%			
47) 2-Hexanone-d5	8.661	63	219905	130.008	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 130.010%#			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	366714	50.327	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.660%			
66) 1,2-Dichlorobenzene-d4	12.198	152	218579	58.599	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.200%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	2690	0.841	ug/L #	20
16) Methylene chloride	3.028	84	7461	1.373	ug/L	95
37) 1,2-Dichloropropane	6.690	63	26639	5.917	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	5919	0.998	ug/L #	78
44) trans-1,3-Dichloropropene	8.182	75	4066	0.752	ug/L	87
46) Tetrachloroethene	8.552	164	48917	18.531	ug/L	95
49) Dibromochloromethane	8.552	129	49172	12.960	ug/L #	10

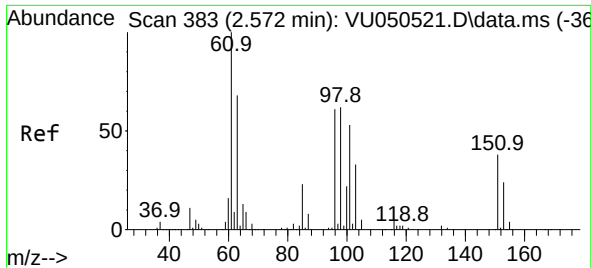
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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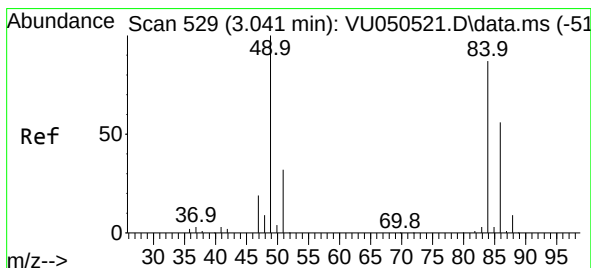
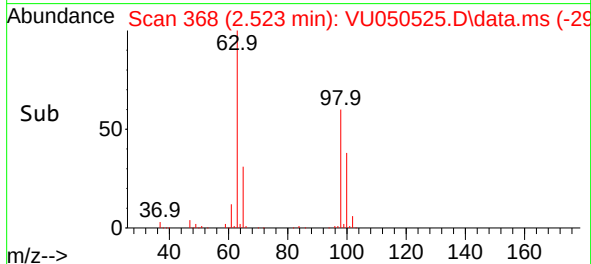
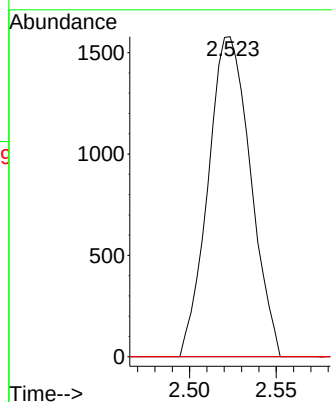
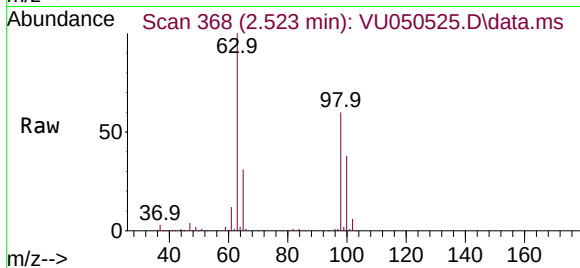




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.841 ug/L
RT: 2.523 min Scan# 30
Delta R.T. -0.048 min
Lab File: VU050525.D
Acq: 30 Aug 2022 19:17

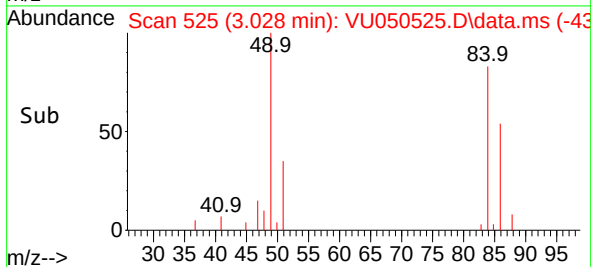
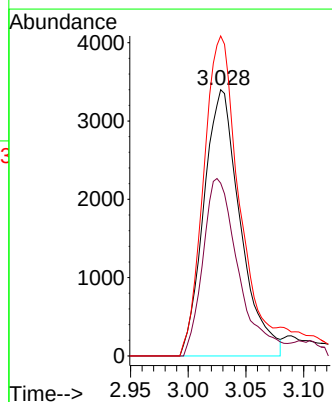
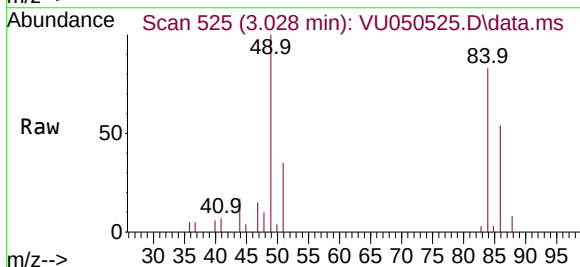
Instrument :
MSVOA_U
ClientSampleId :
DBVS9ME

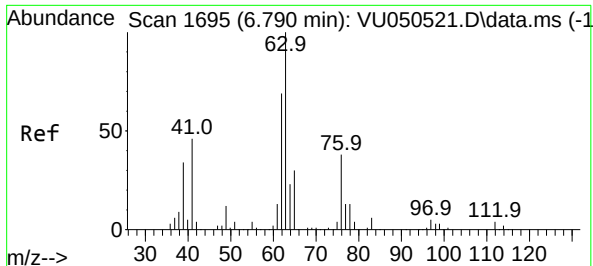
Tgt Ion:101 Resp: 2690
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.2 87.2#



#16
Methylene chloride
Concen: 1.373 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.013 min
Lab File: VU050525.D
Acq: 30 Aug 2022 19:17

Tgt Ion: 84 Resp: 7461
Ion Ratio Lower Upper
84 100
86 64.9 44.3 82.3
49 120.2 78.8 146.3





#37

1,2-Dichloropropane

Concen: 5.917 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050525.D

Acq: 30 Aug 2022 19:17

Instrument :

MSVOA_U

ClientSampleId :

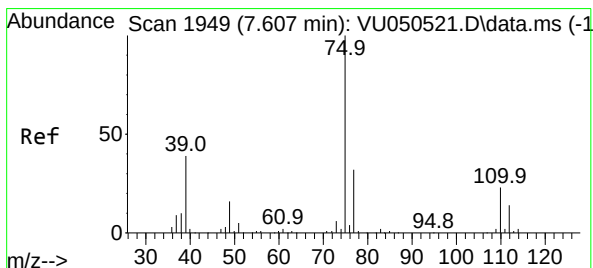
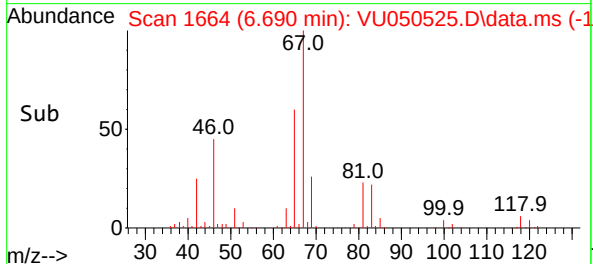
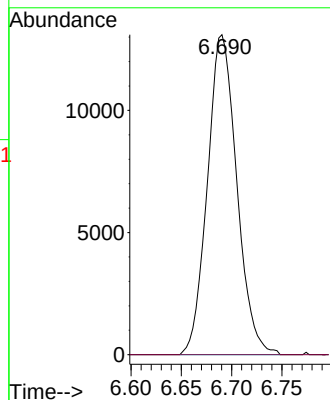
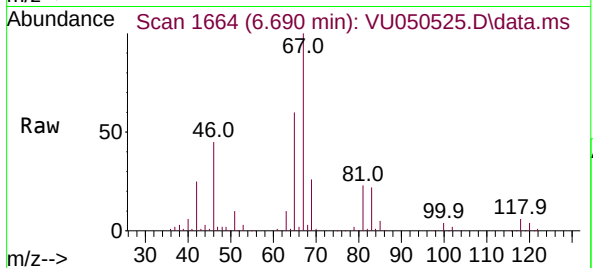
DBVS9ME

Tgt Ion: 63 Resp: 26639

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.998 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU050525.D

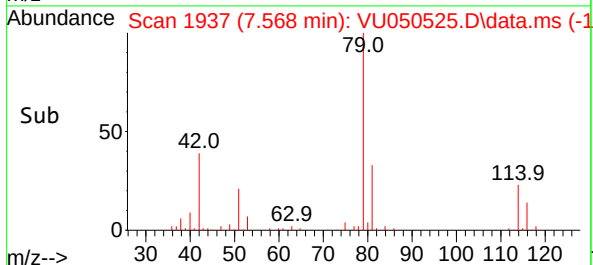
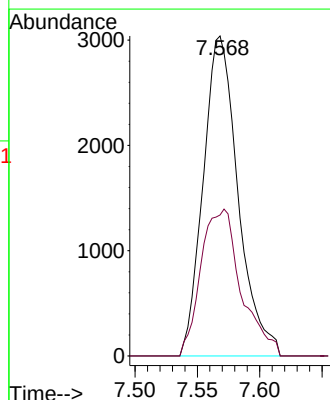
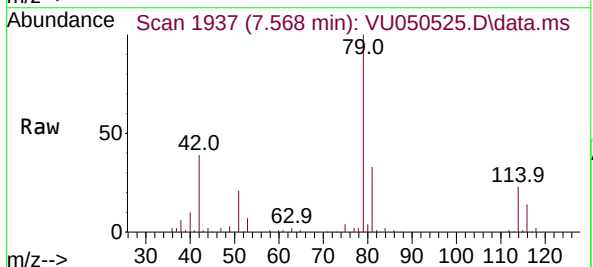
Acq: 30 Aug 2022 19:17

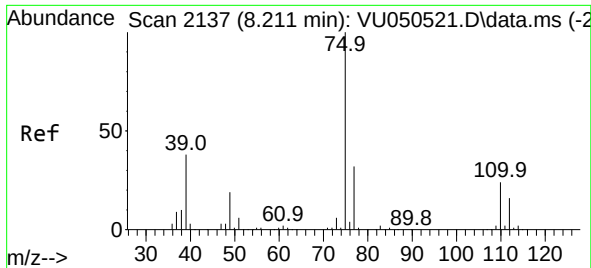
Tgt Ion: 75 Resp: 5919

Ion Ratio Lower Upper

75 100

77 44.0 22.1 41.1#

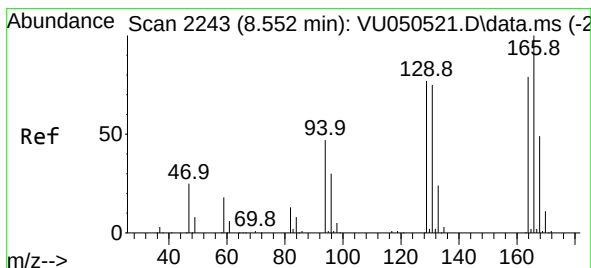
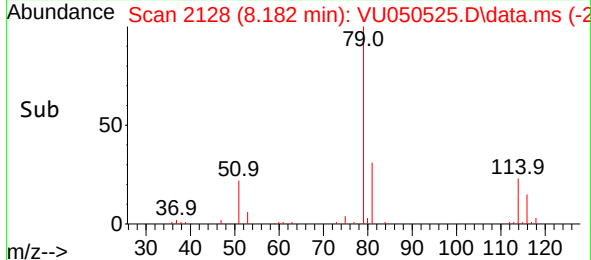
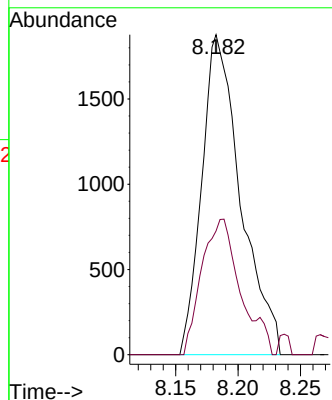
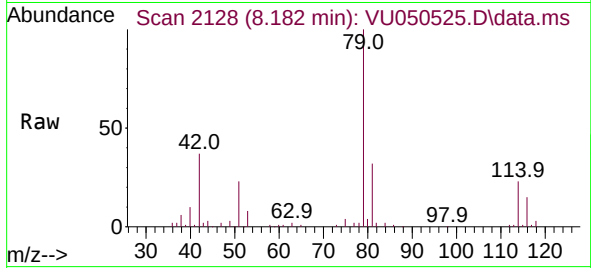




#44
trans-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU050525.D
Acq: 30 Aug 2022 19:17

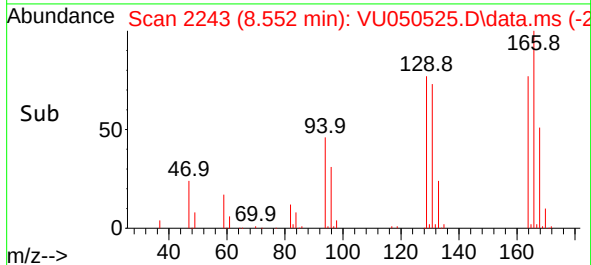
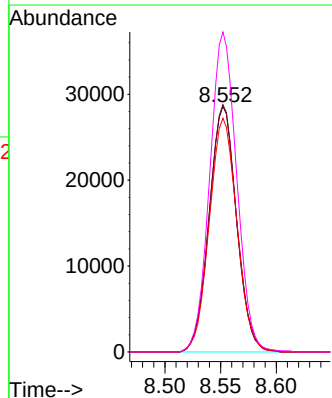
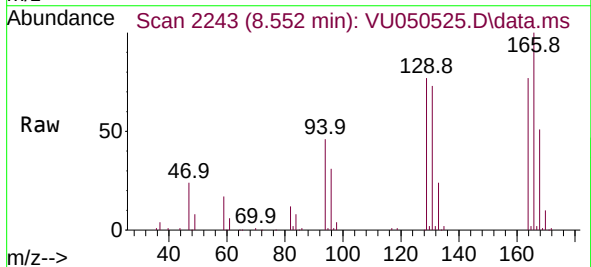
Instrument :
MSVOA_U
ClientSampleId :
DBVS9ME

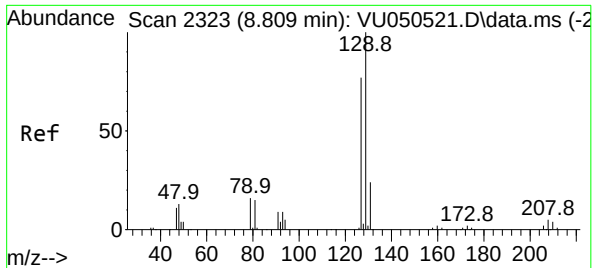
Tgt Ion: 75 Resp: 4066
Ion Ratio Lower Upper
75 100
77 38.7 22.2 41.2



#46
Tetrachloroethene
Concen: 18.531 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050525.D
Acq: 30 Aug 2022 19:17

Tgt Ion: 164 Resp: 48917
Ion Ratio Lower Upper
164 100
129 100.8 67.5 125.3
131 95.2 63.8 118.4
166 130.3 87.2 161.9





#49
 Dibromochloromethane
 Concen: 12.960 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU050525.D
 Acq: 30 Aug 2022 19:17

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVS9ME

Tgt Ion:129 Resp: 49172
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.9 101.9#

