

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050493.D
 Acq On : 29 Aug 2022 18:44
 Operator : SY/MD
 Sample : N4322-08ME
 Misc : 4.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

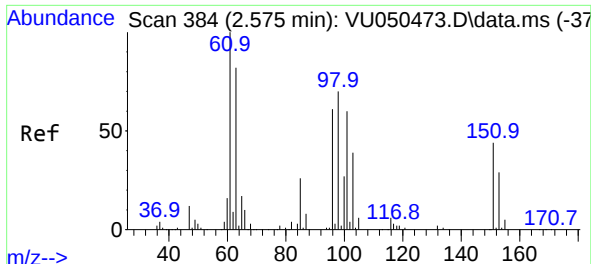
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	361568	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	357569	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	138344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	73566	17.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	34.420%#		
7) Chloroethane-d5	1.880	69	26663	8.428	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	16.860%#		
11) 1,1-Dichloroethene-d2	2.520	63	169288	28.019	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.040%#		
21) 2-Butanone-d5	4.645	46	247321	88.381	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.380%		
24) Chloroform-d	5.060	84	253698	36.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.940%		
26) 1,2-Dichloroethane-d4	5.700	65	167916	39.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.740%		
32) Benzene-d6	5.719	84	524591	39.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.420%		
36) 1,2-Dichloropropane-d6	6.690	67	175667	40.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.280%		
41) Toluene-d8	7.899	98	422148	36.516	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.040%#		
43) trans-1,3-Dichloroprop...	8.182	79	61564	33.720	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.440%		
47) 2-Hexanone-d5	8.661	63	155267	95.591	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.590%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	278072	41.191	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.380%		
66) 1,2-Dichlorobenzene-d4	12.198	152	147444	44.616	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.240%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.520	101	1798	0.717	ug/L #	21
12) 1,1-Dichloroethene	2.523	96	1467	0.661	ug/L #	1
16) Methylene chloride	3.028	84	4259	1.378	ug/L	90
20) cis-1,2-Dichloroethene	4.658	96	9994	3.579	ug/L	90
39) cis-1,3-Dichloropropene	7.568	75	3992	0.967	ug/L #	75
44) trans-1,3-Dichloropropene	8.182	75	2589	0.673	ug/L #	56
46) Tetrachloroethene	8.555	164	3965	2.107	ug/L	97
48) 2-Hexanone	8.664	43	21454	6.148	ug/L #	75
49) Dibromochloromethane	8.555	129	3938	1.229	ug/L #	9

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

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QLast Update : Tue Aug 30 02:11:49 2022
Response via : Initial Calibration

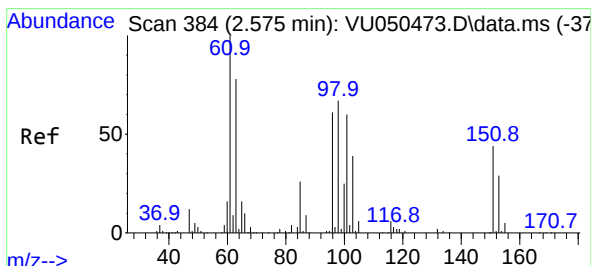
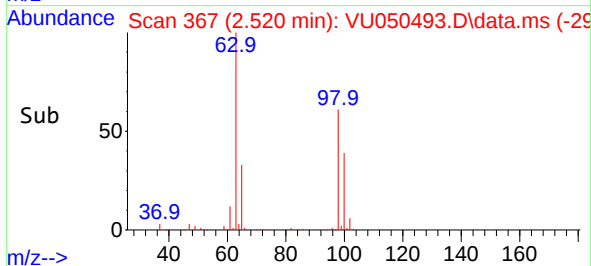
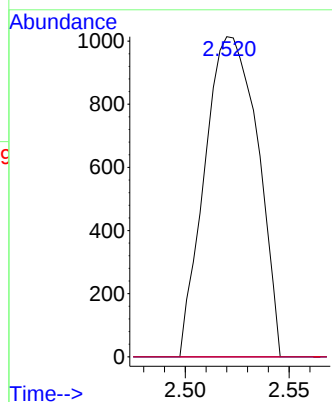
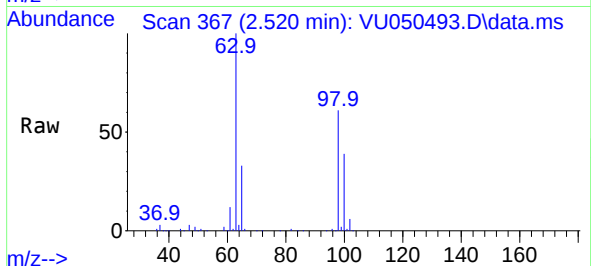




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.717 ug/L
RT: 2.520 min Scan# 3
Delta R.T. -0.055 min
Lab File: VU050493.D
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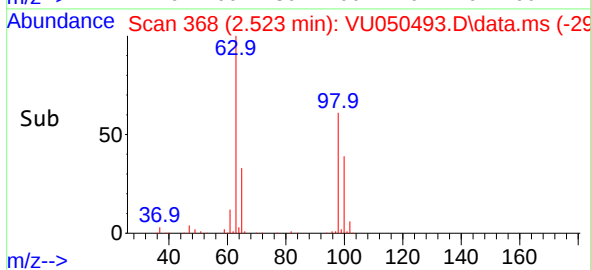
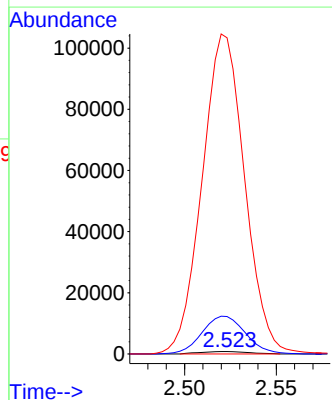
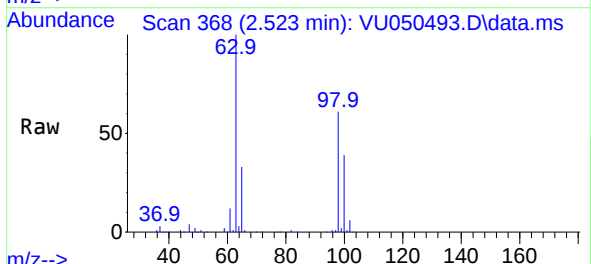
Instrument :
MSVOA_U
ClientSampleId :

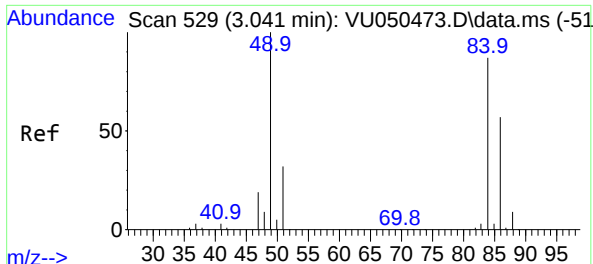
Tgt Ion:101 Resp: 1798
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.661 ug/L
RT: 2.523 min Scan# 368
Delta R.T. -0.051 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

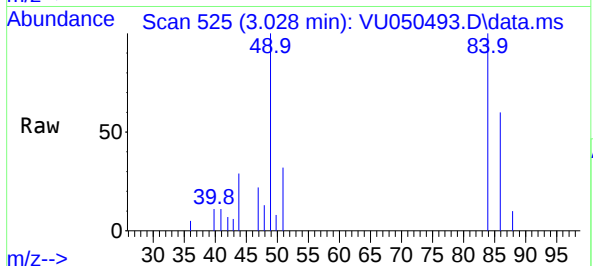
Tgt Ion: 96 Resp: 1467
Ion Ratio Lower Upper
96 100
61 1517.1 116.8 216.8#
63 12797.0 97.4 180.8#





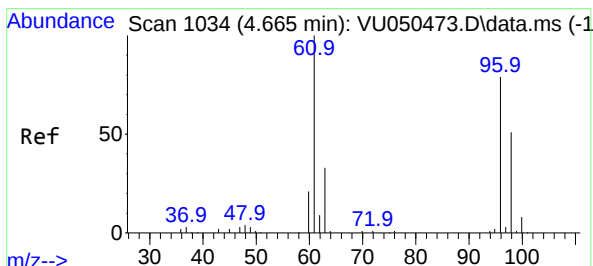
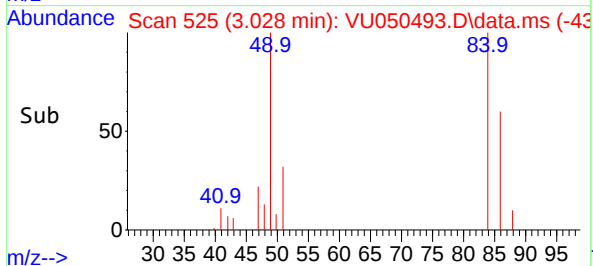
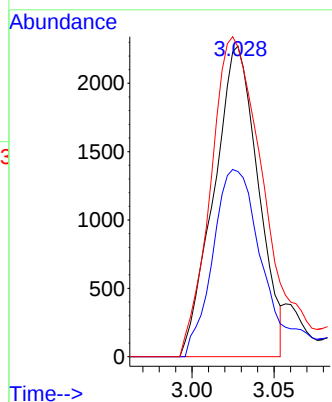
#16
Methylene chloride
Concen: 1.378 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4259

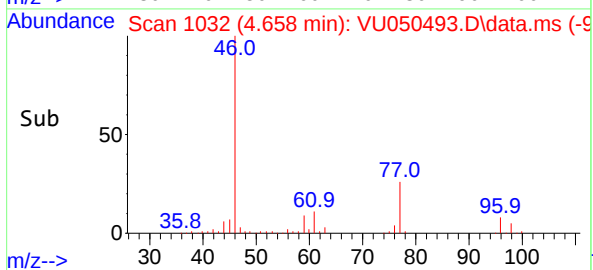
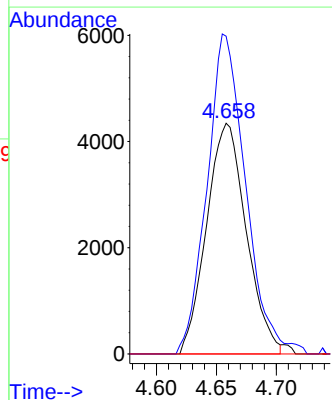
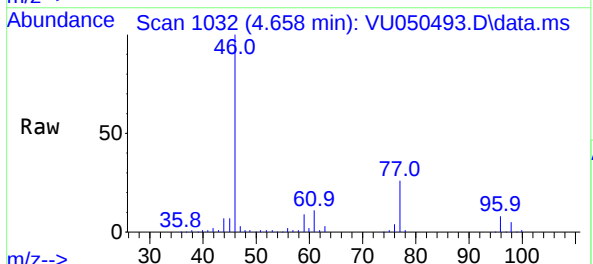
Ion	Ratio	Lower	Upper
84	100		
86	59.6	43.9	81.5
49	99.7	80.4	149.4

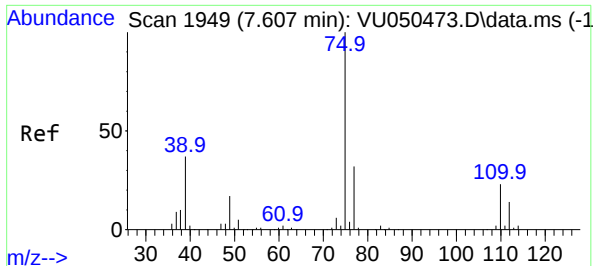


#20
cis-1,2-Dichloroethene
Concen: 3.579 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

Tgt Ion: 96 Resp: 9994

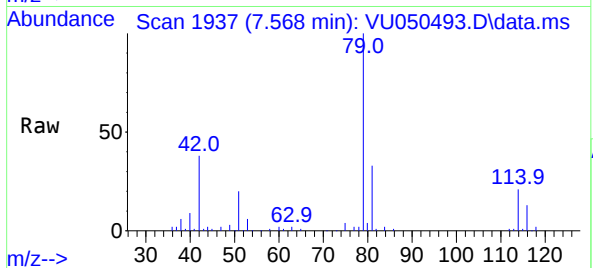
Ion	Ratio	Lower	Upper
96	100		
61	137.7	88.1	163.5
68	0.0	0.0	0.0



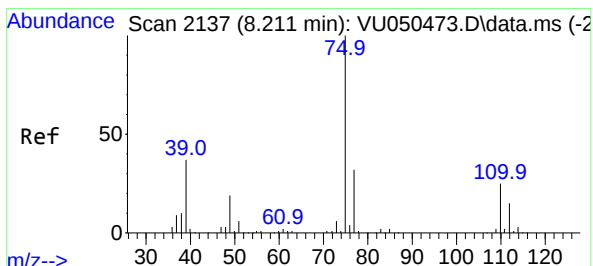
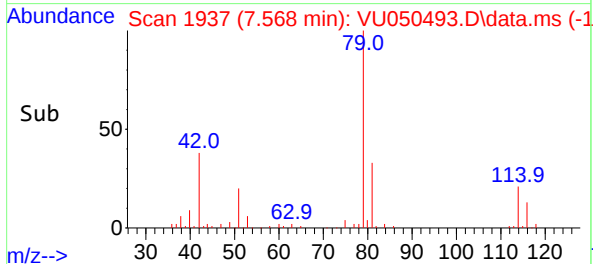
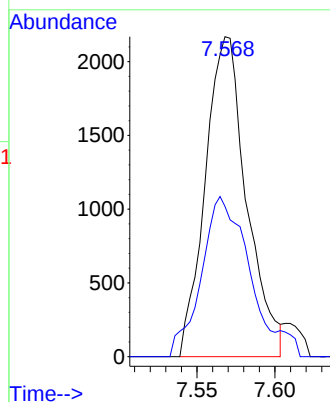


#39
cis-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 7.568 min Scan# 1949
Delta R.T. -0.039 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

Instrument :
MSVOA_U
ClientSampleId :

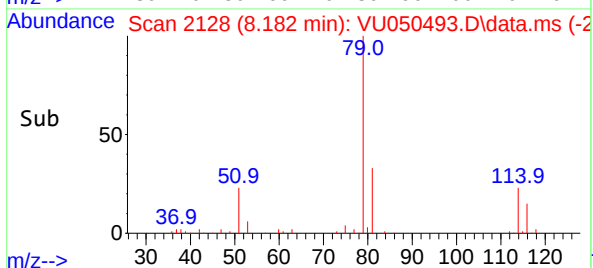
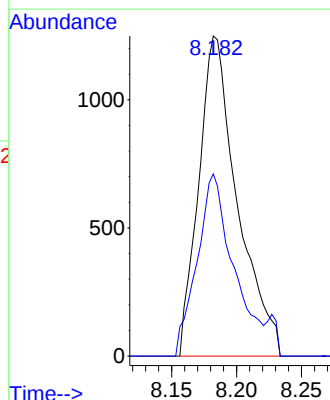
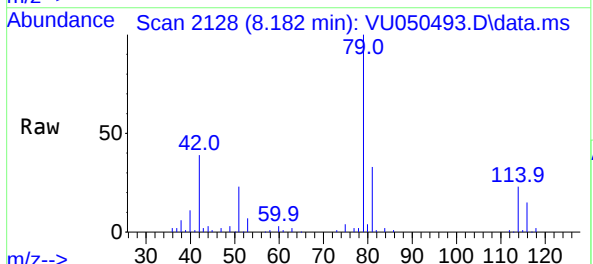


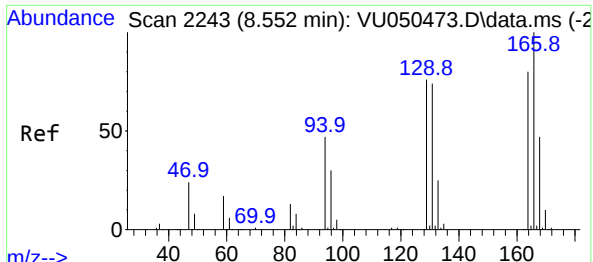
Tgt Ion: 75 Resp: 3992
Ion Ratio Lower Upper
75 100
77 46.9 22.8 42.4#



#44
trans-1,3-Dichloropropene
Concen: 0.673 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

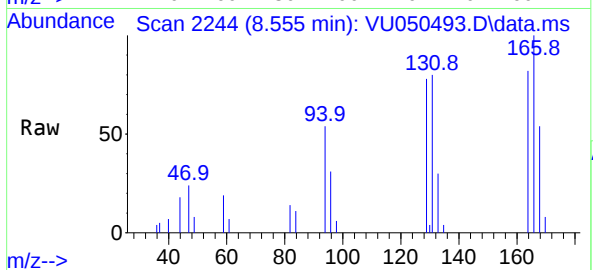
Tgt Ion: 75 Resp: 2589
Ion Ratio Lower Upper
75 100
77 56.9 22.5 41.7#



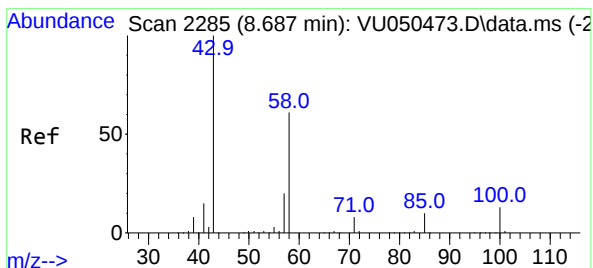
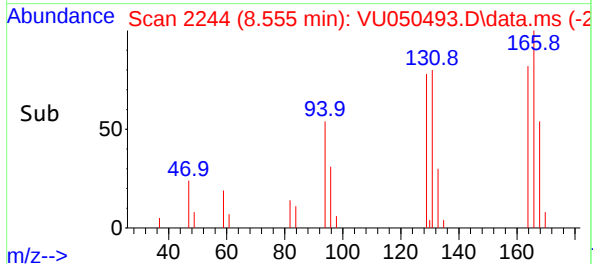
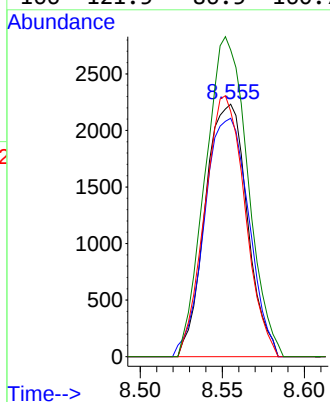


#46
Tetrachloroethene
Concen: 2.107 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

Instrument :
MSVOA_U
ClientSampleId :

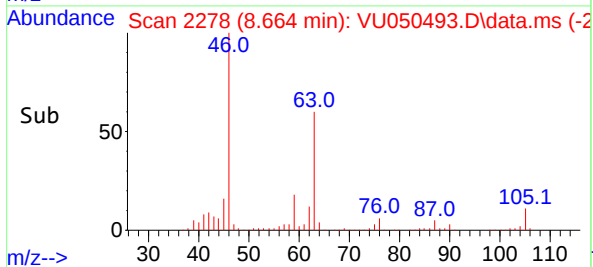
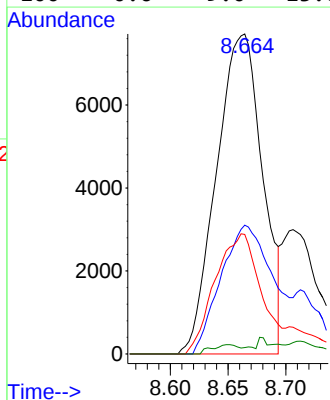
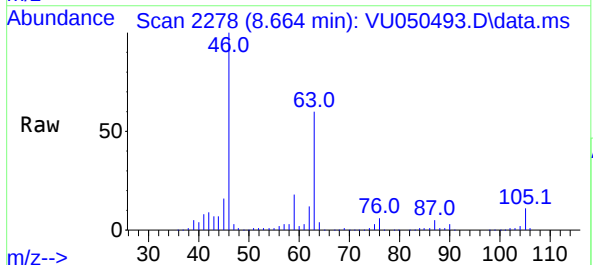


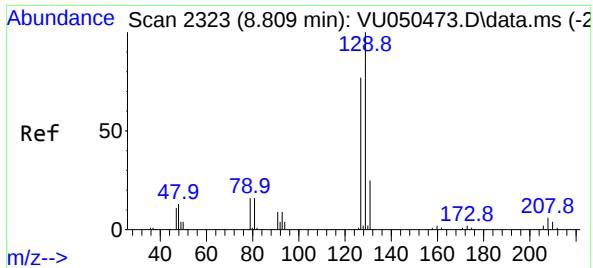
Tgt Ion:164 Resp: 3965
Ion Ratio Lower Upper
164 100
129 94.4 68.0 126.4
131 97.2 65.4 121.4
166 121.5 86.5 160.7



#48
2-Hexanone
Concen: 6.148 ug/L
RT: 8.664 min Scan# 2278
Delta R.T. -0.023 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

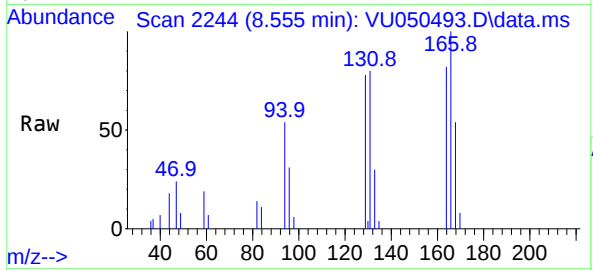
Tgt Ion: 43 Resp: 21454
Ion Ratio Lower Upper
43 100
58 45.1 47.9 71.9#
57 37.1 15.4 23.0#
100 0.6 9.0 13.6#





#49
Dibromochloromethane
Concen: 1.229 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU050493.D
Acq: 29 Aug 2022 18:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 3938
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#

