

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049780.D
 Acq On : 19 Jul 2022 13:18
 Operator : SY/MD
 Sample : N3702-18ME
 Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 02:16:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

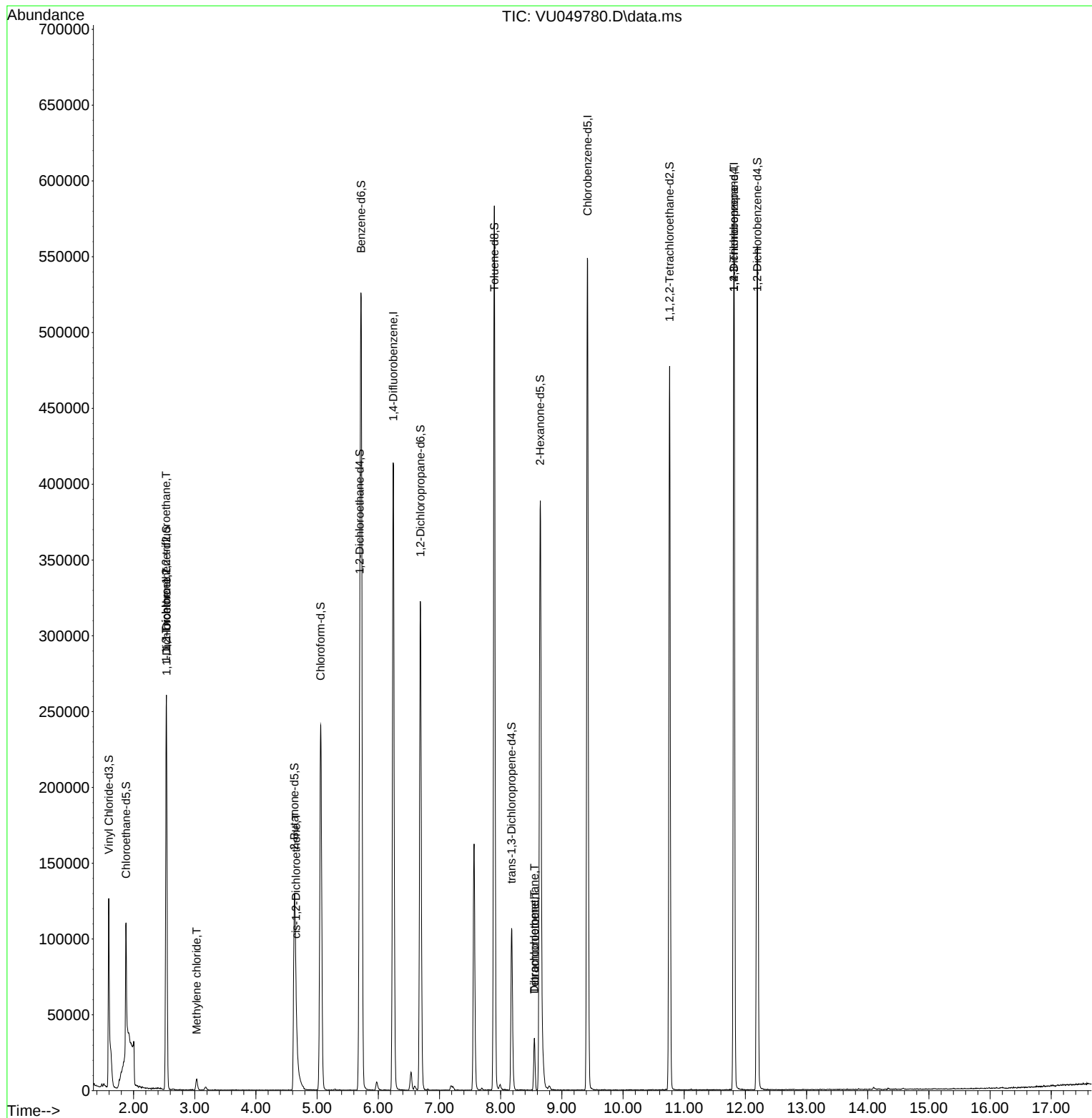
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	319826	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	306360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	127698	47.322	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.640%	
7) Chloroethane-d5	1.877	69	75802	38.861	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.720%	
11) 1,1-Dichloroethene-d2	2.536	63	158395	33.230	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.460%	
21) 2-Butanone-d5	4.629	46	242242	105.156	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.160%	
24) Chloroform-d	5.057	84	224469	46.965	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.920%	
26) 1,2-Dichloroethane-d4	5.697	65	162601	50.267	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.540%	
32) Benzene-d6	5.719	84	441833	47.472	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.940%	
36) 1,2-Dichloropropane-d6	6.687	67	153054	48.891	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.780%	
41) Toluene-d8	7.896	98	371389	45.822	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.640%	
43) trans-1,3-Dichloroprop...	8.179	79	63868	48.423	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.840%	
47) 2-Hexanone-d5	8.645	63	150748	107.051	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	=	107.050%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	232040	52.974	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	105.940%	
66) 1,2-Dichlorobenzene-d4	12.195	152	138089	51.219	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.440%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	1147	0.466	ug/L #	20
12) 1,1-Dichloroethene	2.539	96	1134	0.496	ug/L #	1
16) Methylene chloride	3.031	84	3310	1.149	ug/L	93
20) cis-1,2-Dichloroethene	4.655	96	3419	1.216	ug/L	94
46) Tetrachloroethene	8.552	164	6894	3.571	ug/L	95
49) Dibromochloromethane	8.552	129	6907	2.465	ug/L #	9
60) 1,2,3-Trichloropropane	11.812	75	19216	5.045	ug/L #	66

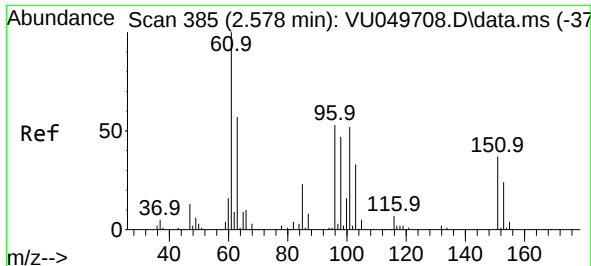
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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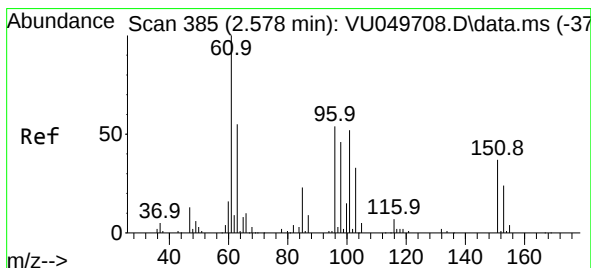
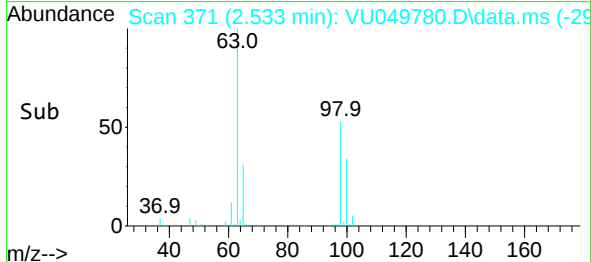
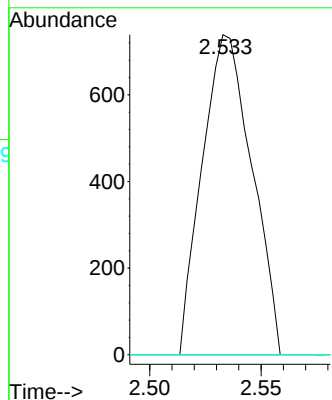
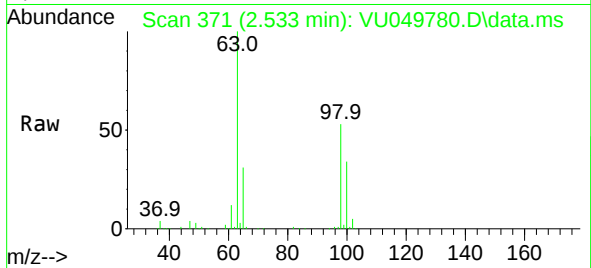




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.466 ug/L
 RT: 2.533 min Scan# 31
 Delta R.T. -0.042 min
 Lab File: VU049780.D
 Acq: 19 Jul 2022 13:18

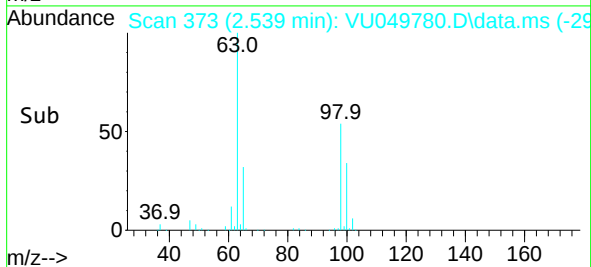
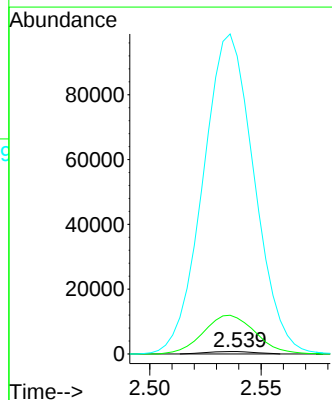
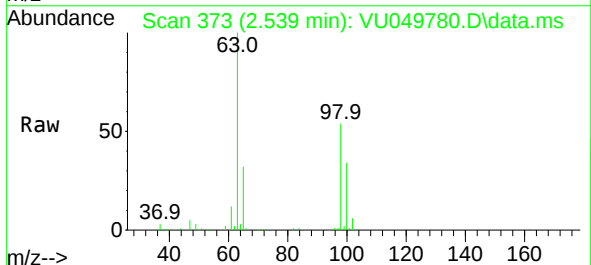
Instrument :
 MSVOA_U
 ClientSampleId :

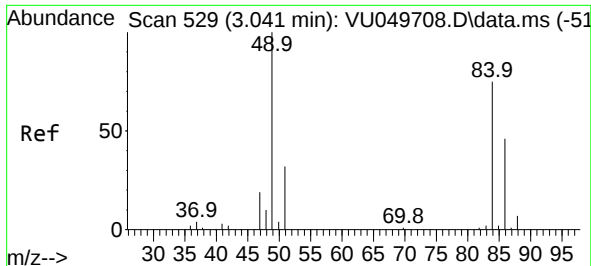
Tgt Ion:101 Resp: 1147
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.496 ug/L
 RT: 2.539 min Scan# 373
 Delta R.T. -0.035 min
 Lab File: VU049780.D
 Acq: 19 Jul 2022 13:18

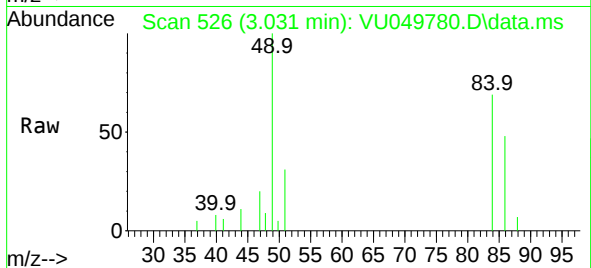
Tgt Ion: 96 Resp: 1134
 Ion Ratio Lower Upper
 96 100
 61 1496.5 129.6 240.6#
 63 12373.6 79.0 146.6#





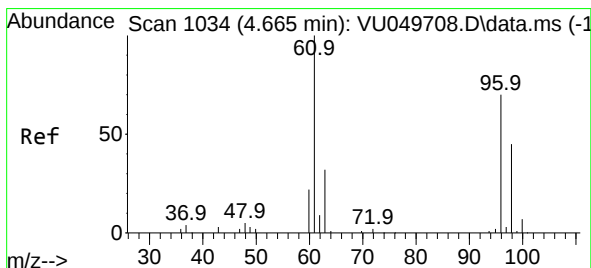
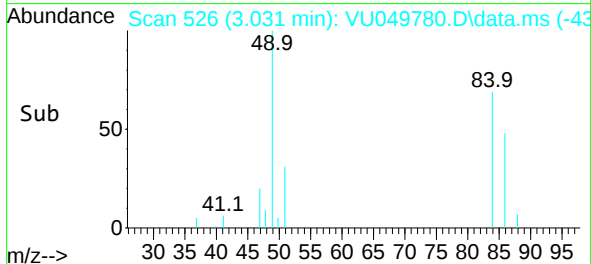
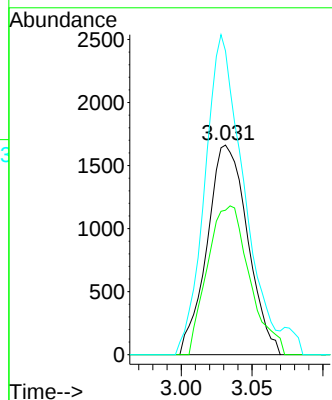
#16
Methylene chloride
Concen: 1.149 ug/L
RT: 3.031 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU049780.D
Acq: 19 Jul 2022 13:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 3310

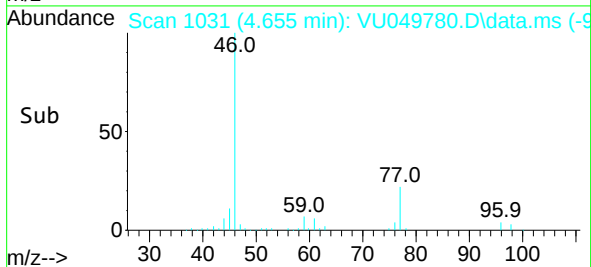
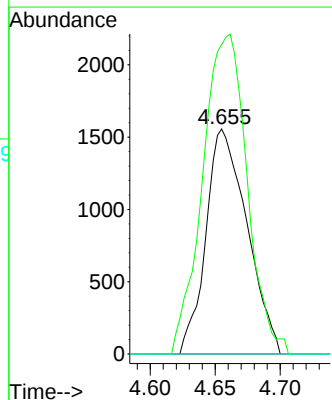
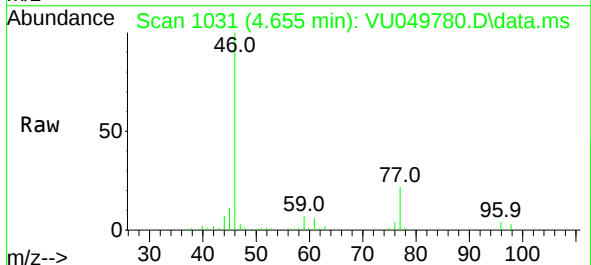
Ion	Ratio	Lower	Upper
84	100		
86	69.0	45.6	84.6
49	145.0	94.4	175.4

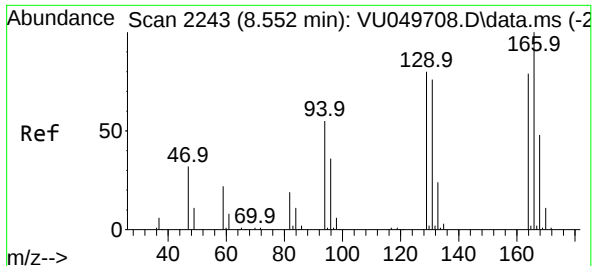


#20
cis-1,2-Dichloroethene
Concen: 1.216 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049780.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 96 Resp: 3419

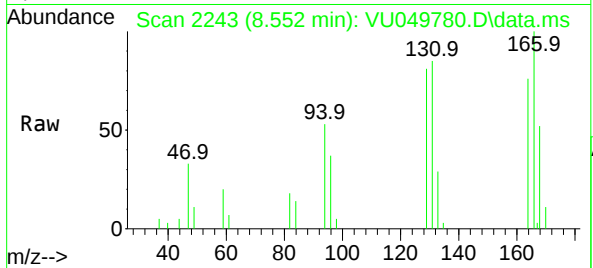
Ion	Ratio	Lower	Upper
96	100		
61	137.4	101.1	187.7
68	0.0	0.0	0.0



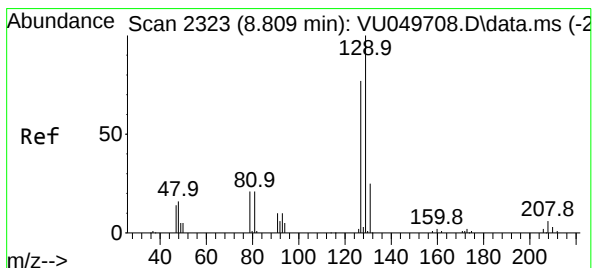
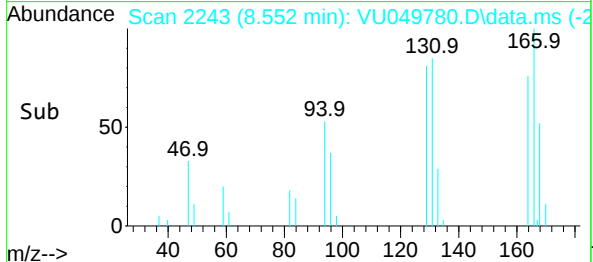
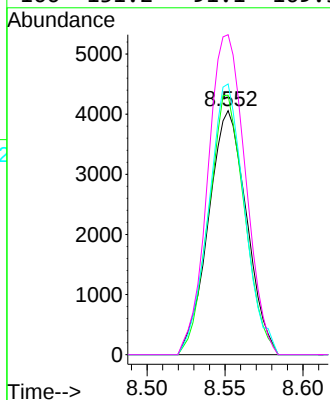


#46
Tetrachloroethene
Concen: 3.571 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049780.D
Acq: 19 Jul 2022 13:18

Instrument :
MSVOA_U
ClientSampleId :

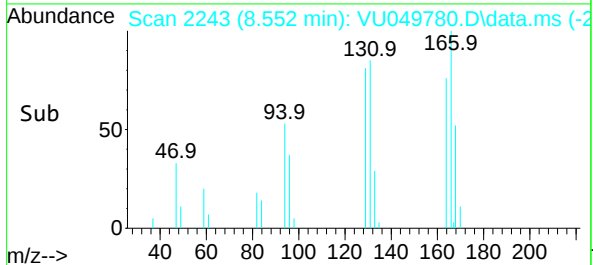
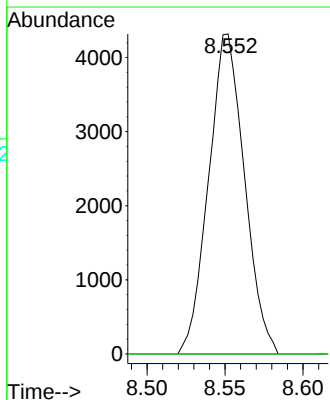
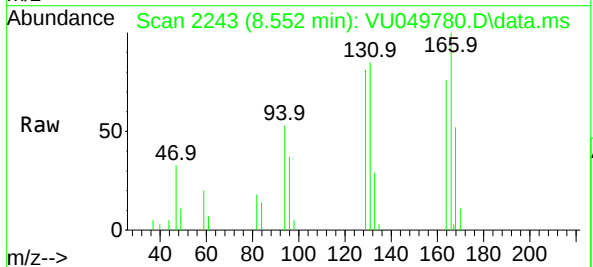


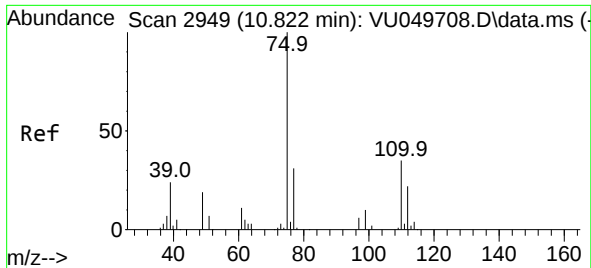
Tgt Ion:164 Resp: 6894
Ion Ratio Lower Upper
164 100
129 106.4 72.0 133.8
131 110.9 69.0 128.1
166 131.2 91.1 169.3



#49
Dibromochloromethane
Concen: 2.465 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049780.D
Acq: 19 Jul 2022 13:18

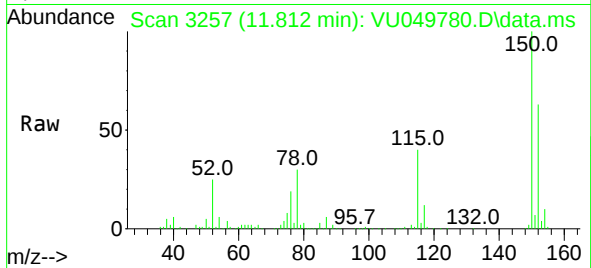
Tgt Ion:129 Resp: 6907
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.045 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049780.D
 Acq: 19 Jul 2022 13:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19216
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.5 38.3
 110 1.2 28.9 43.3#

