

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050490.D
 Acq On : 29 Aug 2022 17:33
 Operator : SY/MD
 Sample : N4399-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:16:59 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)

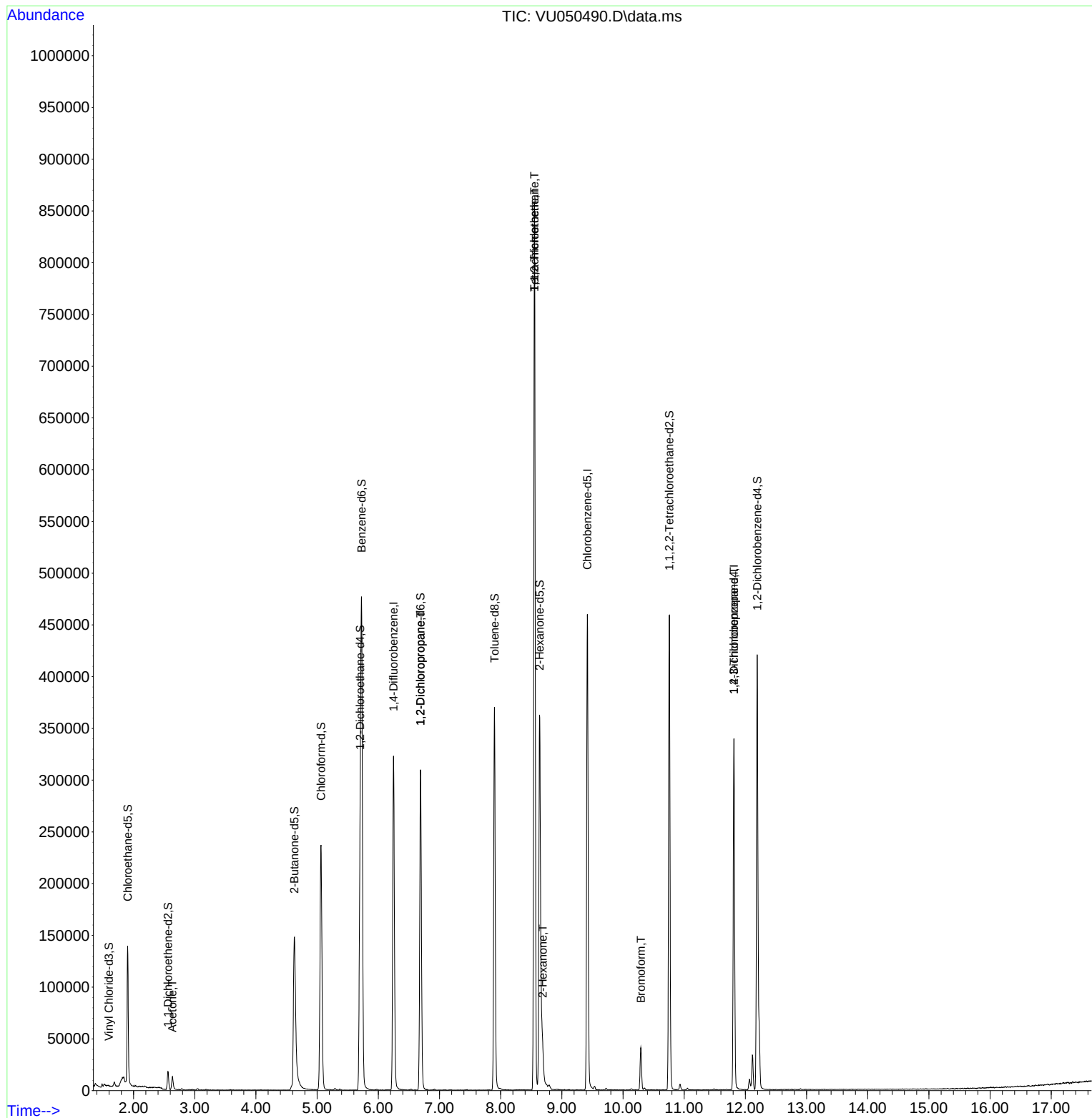
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	261873	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	260811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	75	0.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.040%#
7) Chloroethane-d5	1.903	69	102992	44.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.900%
11) 1,1-Dichloroethene-d2	2.562	63	10498	2.399	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	4.800%#
21) 2-Butanone-d5	4.626	46	234304	115.605	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.610%
24) Chloroform-d	5.063	84	226816	45.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.260%
26) 1,2-Dichloroethane-d4	5.703	65	147283	47.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
32) Benzene-d6	5.726	84	441108	45.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.540%
36) 1,2-Dichloropropane-d6	6.690	67	150234	47.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.899	98	254918	30.231	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.460%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.000%#
47) 2-Hexanone-d5	8.636	63	113998	96.221	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	237190	48.169	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	113228	52.501	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
13) Acetone	2.636	43	15347	11.517	ug/L	94
37) 1,2-Dichloropropane	6.690	63	15514	6.764	ug/L #	90
45) 1,1,2-Trichloroethane	8.552	97	1489	0.660	ug/L #	1
46) Tetrachloroethene	8.552	164	191765	139.687	ug/L	99
48) 2-Hexanone	8.687	43	17257	6.779	ug/L #	79
59) Bromoform	10.291	173	18260	14.123	ug/L	98
60) 1,2,3-Trichloropropane	11.812	75	11085	4.765	ug/L #	69

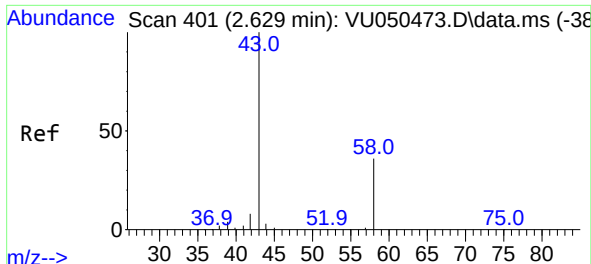
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 30 02:16:59 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

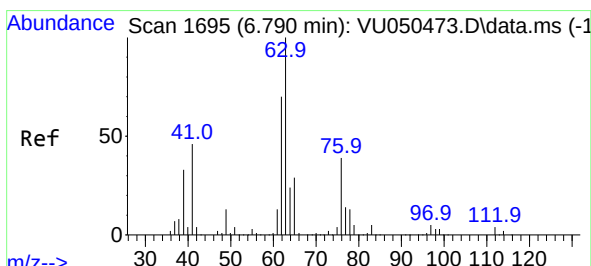
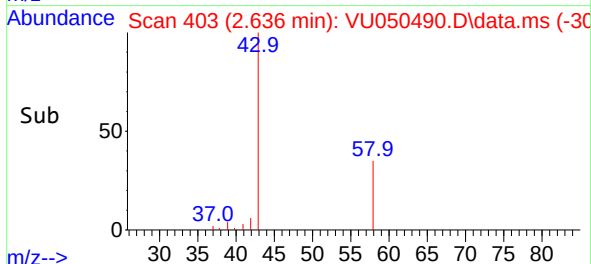
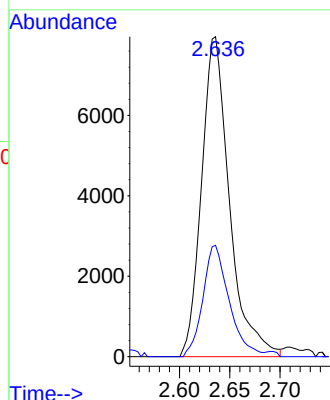
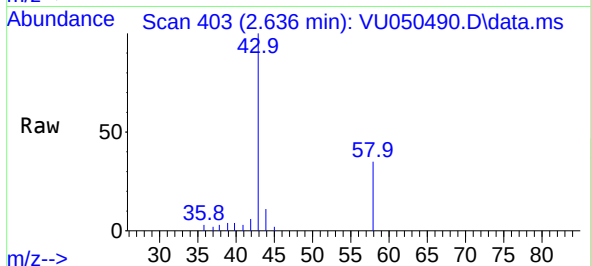




#13
Acetone
Concen: 11.517 ug/L
RT: 2.636 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU050490.D
Acq: 29 Aug 2022 17:33

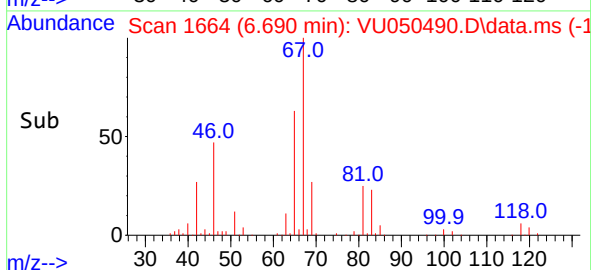
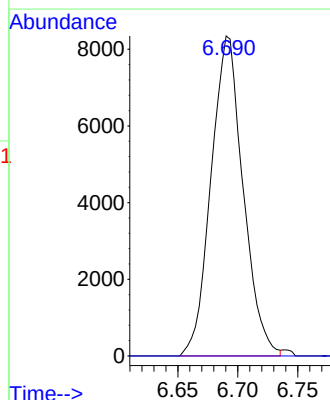
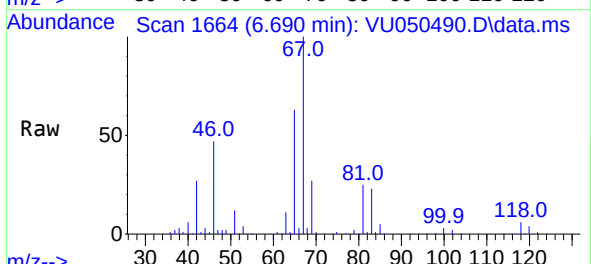
Instrument :
MSVOA_U
ClientSampleId :

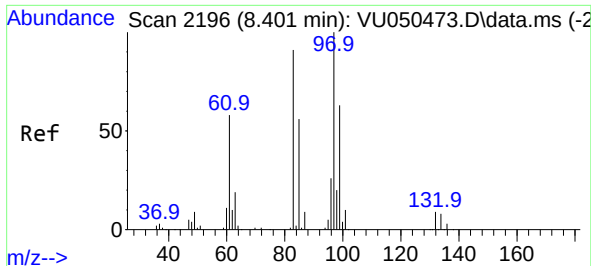
Tgt Ion: 43 Resp: 15347
Ion Ratio Lower Upper
43 100
58 32.8 0.0 72.2



#37
1,2-Dichloropropane
Concen: 6.764 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU050490.D
Acq: 29 Aug 2022 17:33

Tgt Ion: 63 Resp: 15514
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.4#



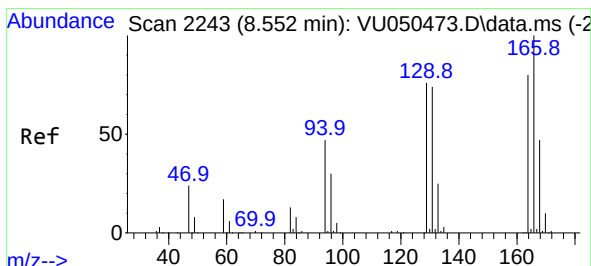
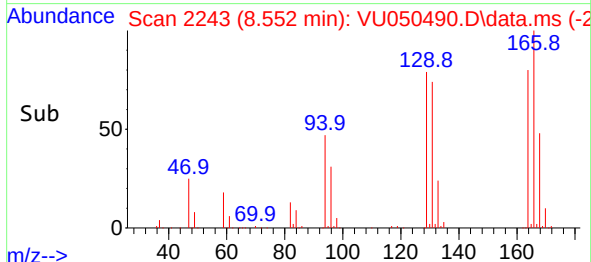
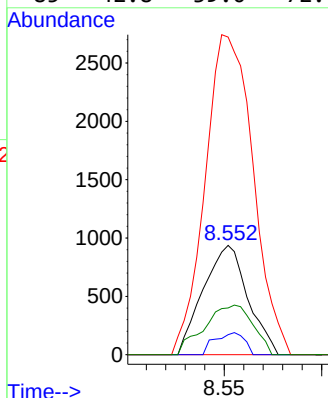
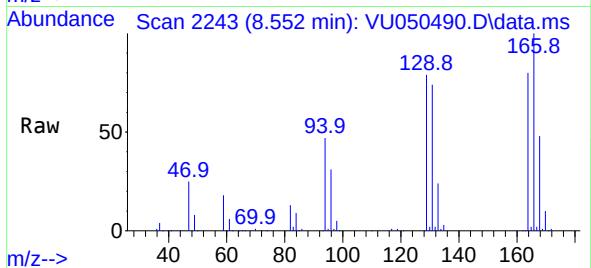


#45
1,1,2-Trichloroethane
Concen: 0.660 ug/L
RT: 8.552 min Scan# 2196
Delta R.T. 0.151 min
Lab File: VU050490.D
Acq: 29 Aug 2022 17:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1489

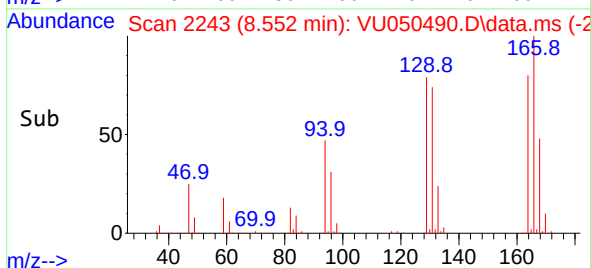
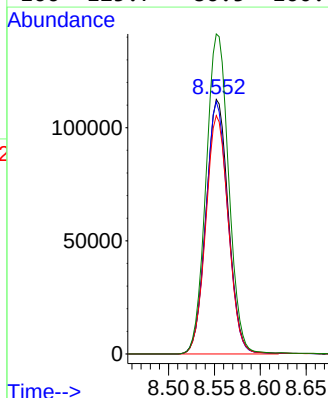
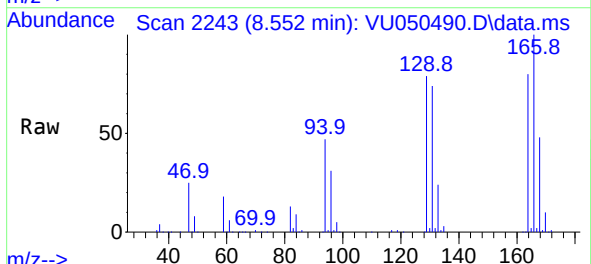
Ion	Ratio	Lower	Upper
97	100		
99	18.4	43.3	80.3#
83	290.5	60.3	112.1#
85	42.8	39.0	72.4

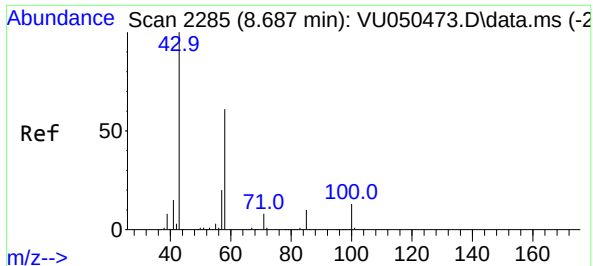


#46
Tetrachloroethene
Concen: 139.687 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050490.D
Acq: 29 Aug 2022 17:33

Tgt Ion:164 Resp: 191765

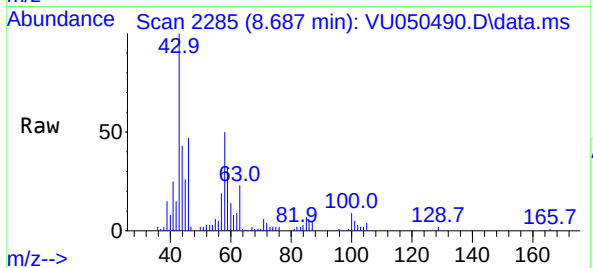
Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.0	126.4
131	93.6	65.4	121.4
166	125.7	86.5	160.7





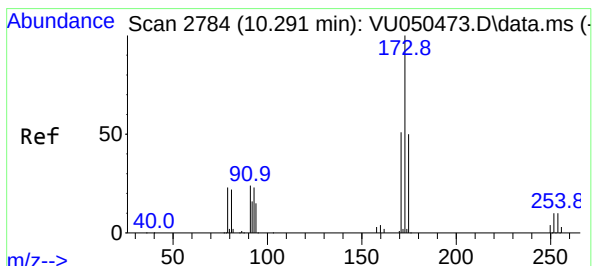
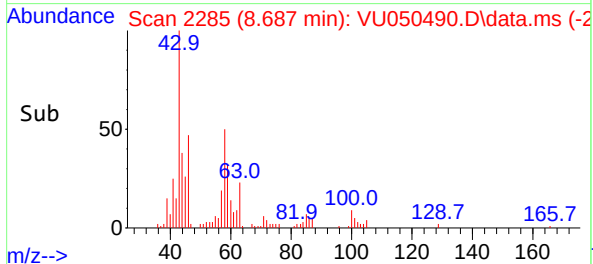
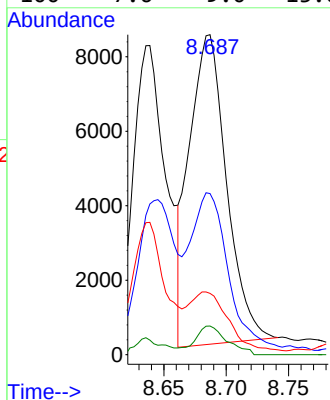
#48
2-Hexanone
Concen: 6.779 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050490.D
Acq: 29 Aug 2022 17:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 17257

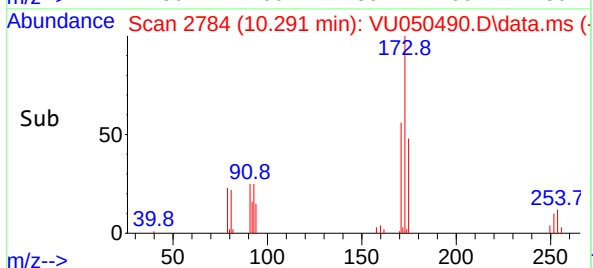
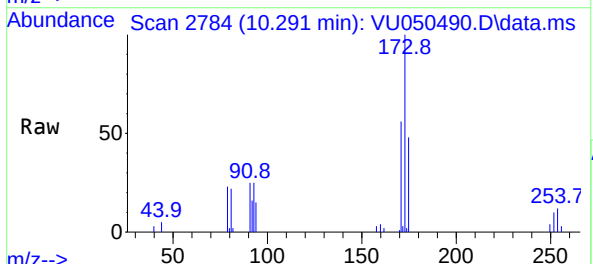
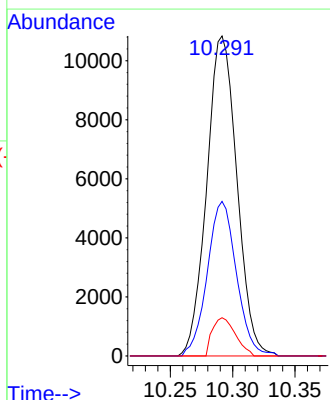
Ion	Ratio	Lower	Upper
43	100		
58	48.1	47.9	71.9
57	0.0	15.4	23.0#
100	7.6	9.0	13.6#

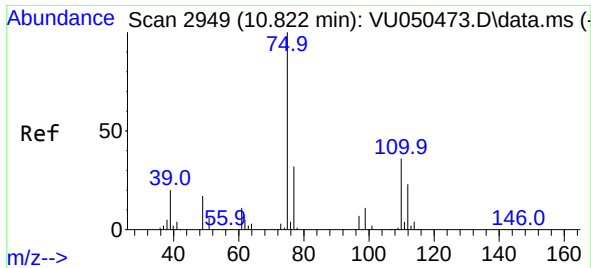


#59
Bromoform
Concen: 14.123 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050490.D
Acq: 29 Aug 2022 17:33

Tgt Ion: 173 Resp: 18260

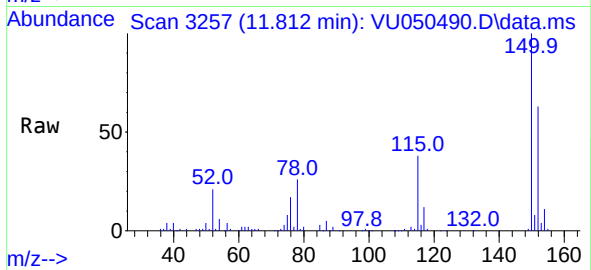
Ion	Ratio	Lower	Upper
173	100		
175	46.6	38.4	57.6
254	9.2	7.1	10.7





#60
 1,2,3-Trichloropropane
 Concen: 4.765 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050490.D
 Acq: 29 Aug 2022 17:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	11085
Ion	Ratio	Lower Upper
75	100	
77	32.6	25.7 38.5
110	1.8	29.0 43.4#

