

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050691.D
 Acq On : 08 Sep 2022 17:38
 Operator : SY/MD
 Sample : N4440-09ME
 Misc : 3.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 22:57:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

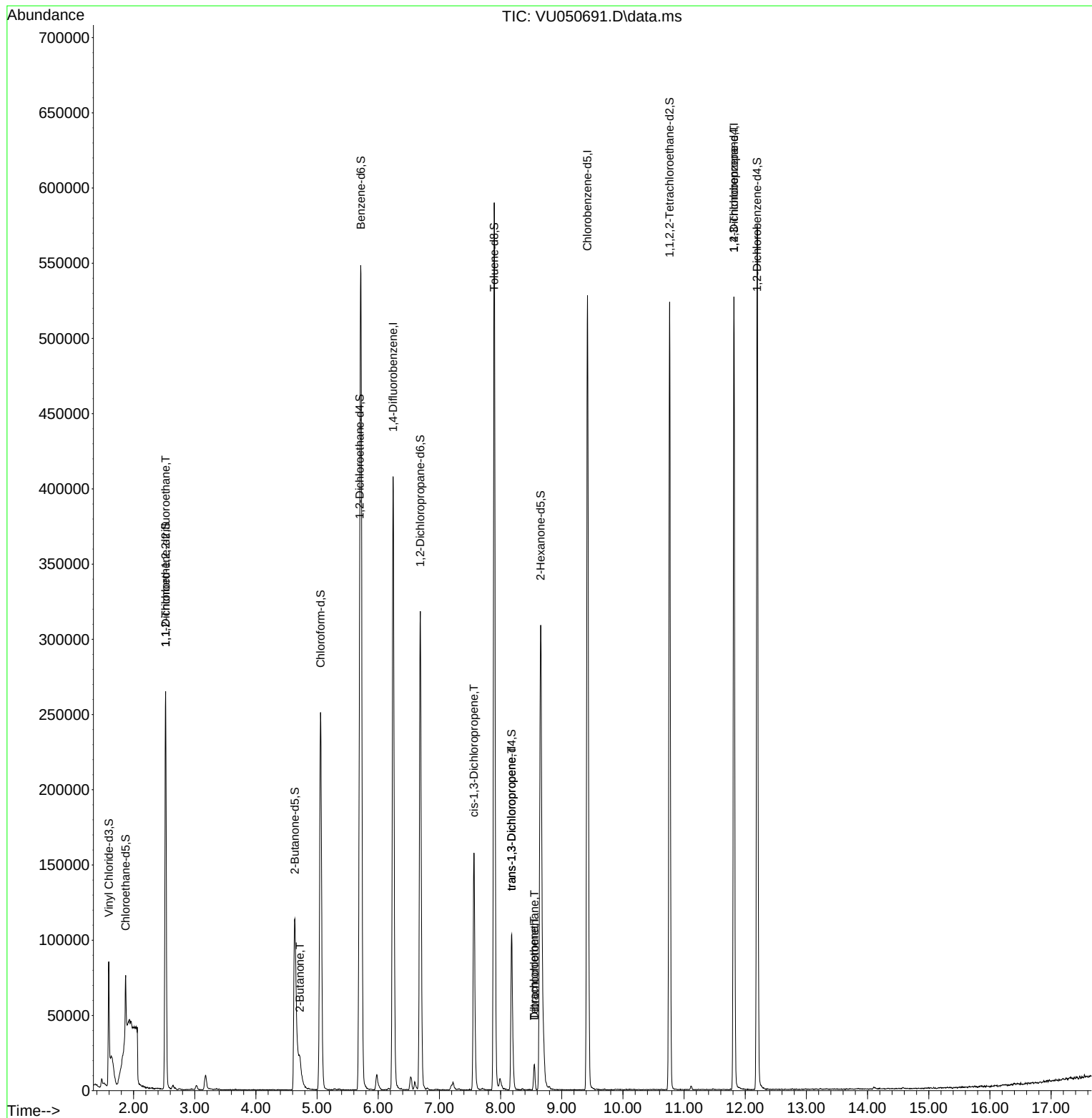
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	354626	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	350455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	143362	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	72749	23.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.960%#
7) Chloroethane-d5	1.871	69	32053	15.627	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	31.260%#
11) 1,1-Dichloroethene-d2	2.523	63	157692	29.420	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.840%#
21) 2-Butanone-d5	4.636	46	211696	95.395	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.400%
24) Chloroform-d	5.057	84	251379	43.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.460%
26) 1,2-Dichloroethane-d4	5.697	65	162259	46.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
32) Benzene-d6	5.716	84	492187	42.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.687	67	166259	43.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.440%
41) Toluene-d8	7.896	98	424459	42.858	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.720%
43) trans-1,3-Dichloroprop...	8.179	79	71340	45.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.680%
47) 2-Hexanone-d5	8.655	63	125214	130.916	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.920%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	268689	46.695	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	154939	46.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	1338	0.483	ug/L #	21
22) 2-Butanone	4.719	43	23191	8.857	ug/L	86
39) cis-1,3-Dichloropropene	7.562	75	4331	0.950	ug/L #	68
44) trans-1,3-Dichloropropene	8.179	75	2924	0.683	ug/L	95
46) Tetrachloroethene	8.549	164	4097	1.888	ug/L	94
49) Dibromochloromethane	8.552	129	3827	1.240	ug/L #	11
60) 1,2,3-Trichloropropane	11.816	75	16457	3.912	ug/L #	67

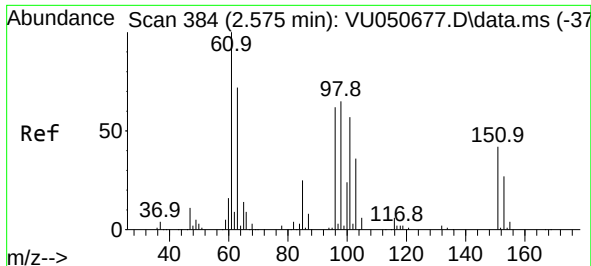
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.483 ug/L

RT: 2.523 min Scan# 3

Delta R.T. -0.051 min

Lab File: VU050691.D

Acq: 08 Sep 2022 17:38

Instrument :

MSVOA_U

ClientSampleId :

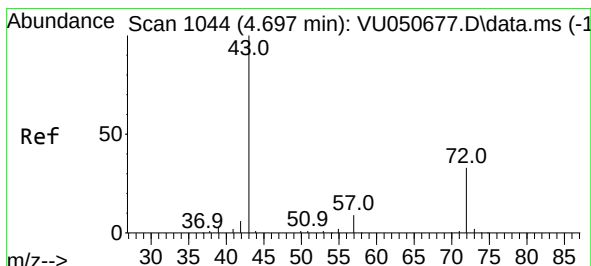
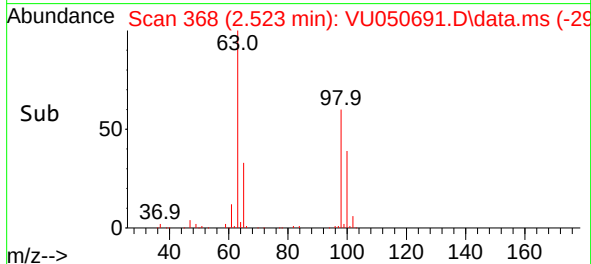
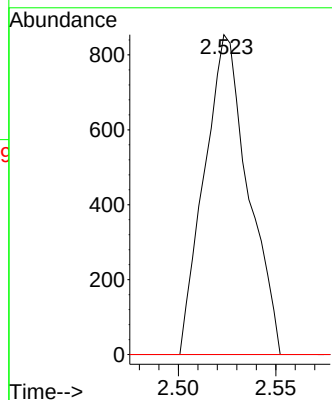
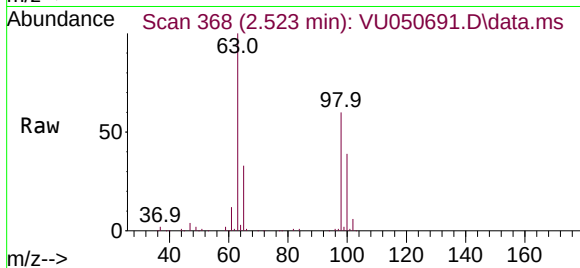
Tgt Ion:101 Resp: 1338

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 0.0 57.7 86.5#



#22

2-Butanone

Concen: 8.857 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.023 min

Lab File: VU050691.D

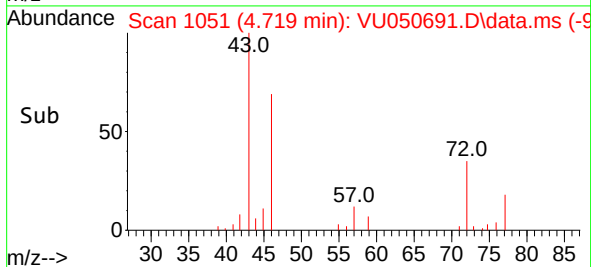
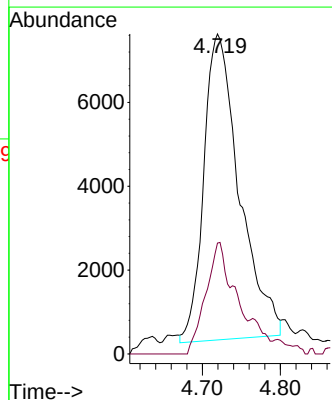
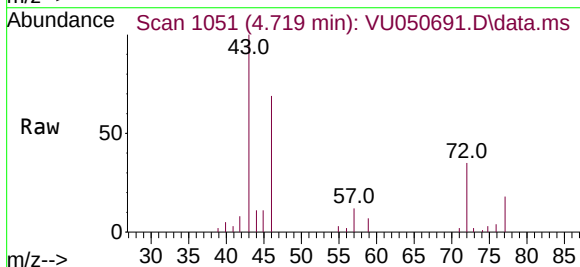
Acq: 08 Sep 2022 17:38

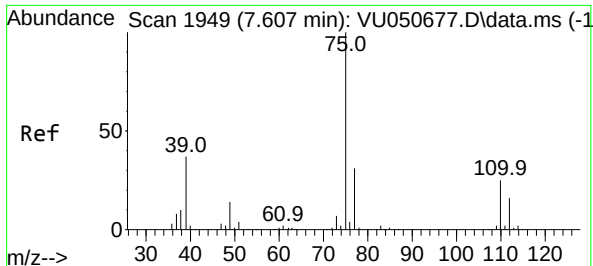
Tgt Ion: 43 Resp: 23191

Ion Ratio Lower Upper

43 100

72 21.6 14.6 44.0





#39

cis-1,3-Dichloropropene

Concen: 0.950 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU050691.D

Acq: 08 Sep 2022 17:38

Instrument :

MSVOA_U

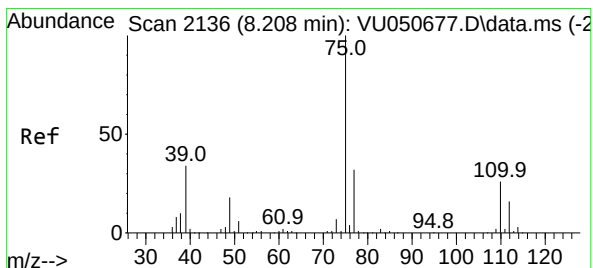
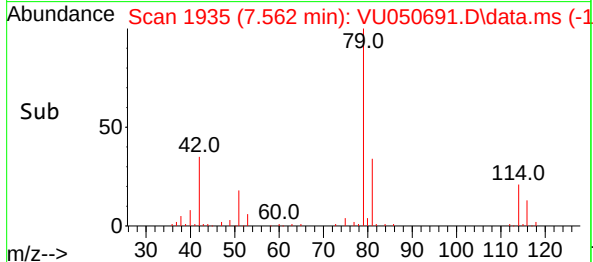
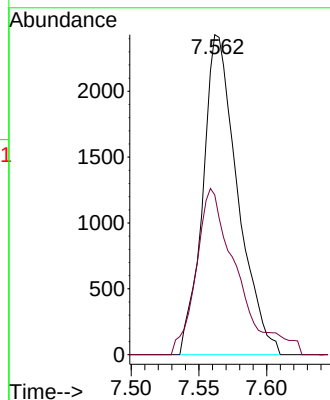
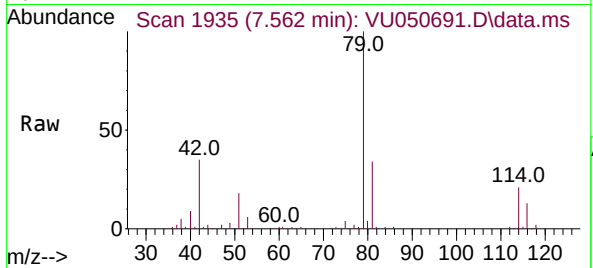
ClientSampleId :

Tgt Ion: 75 Resp: 4331

Ion Ratio Lower Upper

75 100

77 49.9 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.683 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050691.D

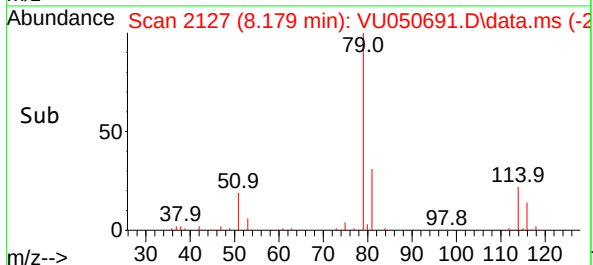
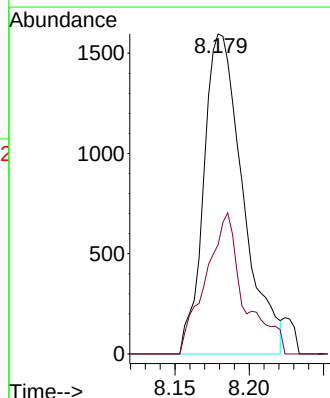
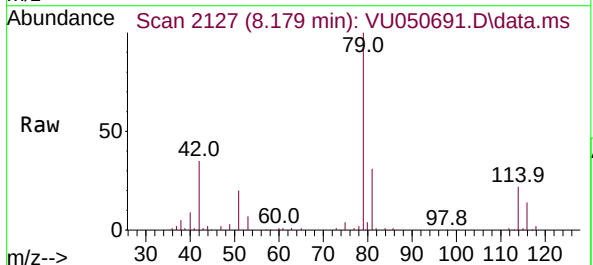
Acq: 08 Sep 2022 17:38

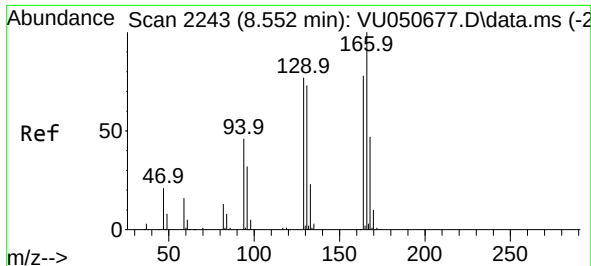
Tgt Ion: 75 Resp: 2924

Ion Ratio Lower Upper

75 100

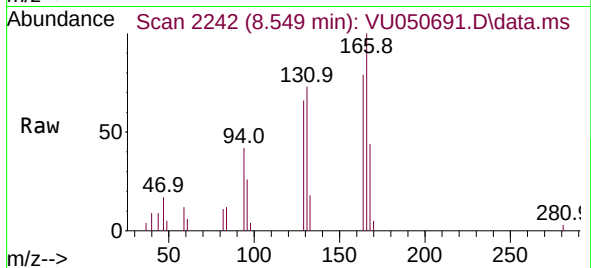
77 34.1 22.1 41.1



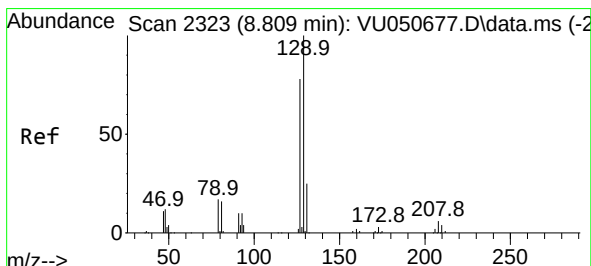
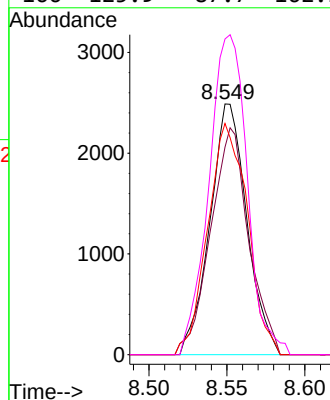
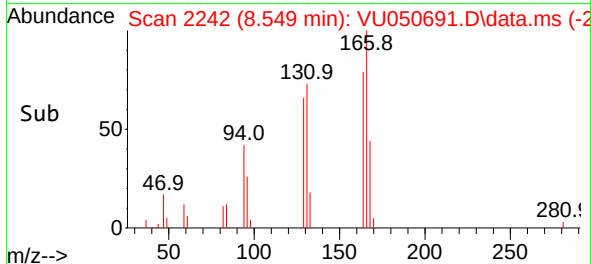


#46
Tetrachloroethene
Concen: 1.888 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050691.D
Acq: 08 Sep 2022 17:38

Instrument :
MSVOA_U
ClientSampleId :

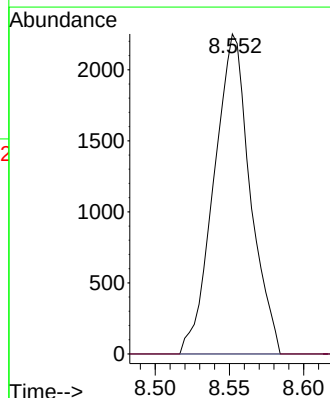
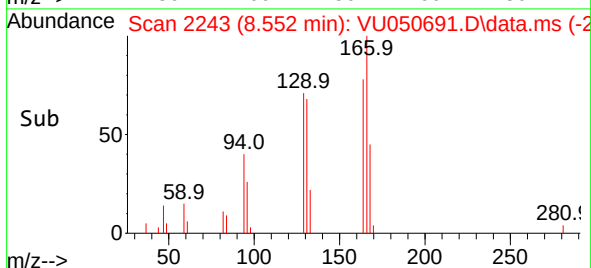
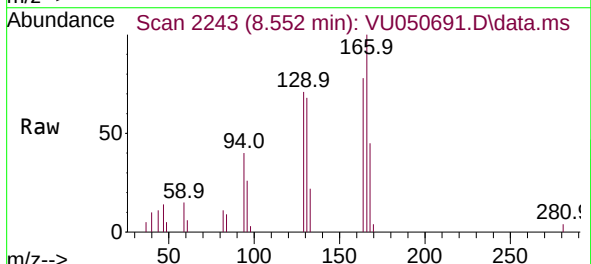


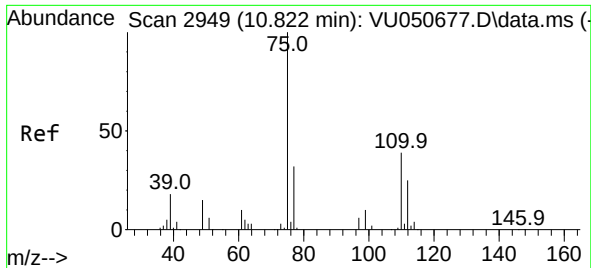
Tgt Ion:164 Resp: 4097
Ion Ratio Lower Upper
164 100
129 82.7 68.7 127.5
131 92.2 66.2 123.0
166 125.9 87.7 162.9



#49
Dibromochloromethane
Concen: 1.240 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU050691.D
Acq: 08 Sep 2022 17:38

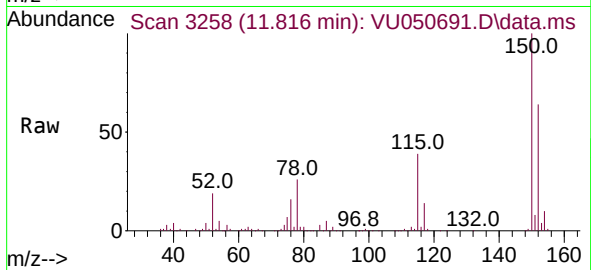
Tgt Ion:129 Resp: 3827
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#





#60
 1,2,3-Trichloropropane
 Concen: 3.912 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU050691.D
 Acq: 08 Sep 2022 17:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp: 16457
Ion Ratio	Lower Upper
75	100
77	32.7 25.8 38.8
110	0.7 29.3 43.9#

