

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053336.D
 Acq On : 21 Mar 2023 19:54
 Operator : JC/MD
 Sample : 01995-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEN0

Quant Time: Mar 22 03:13:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

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

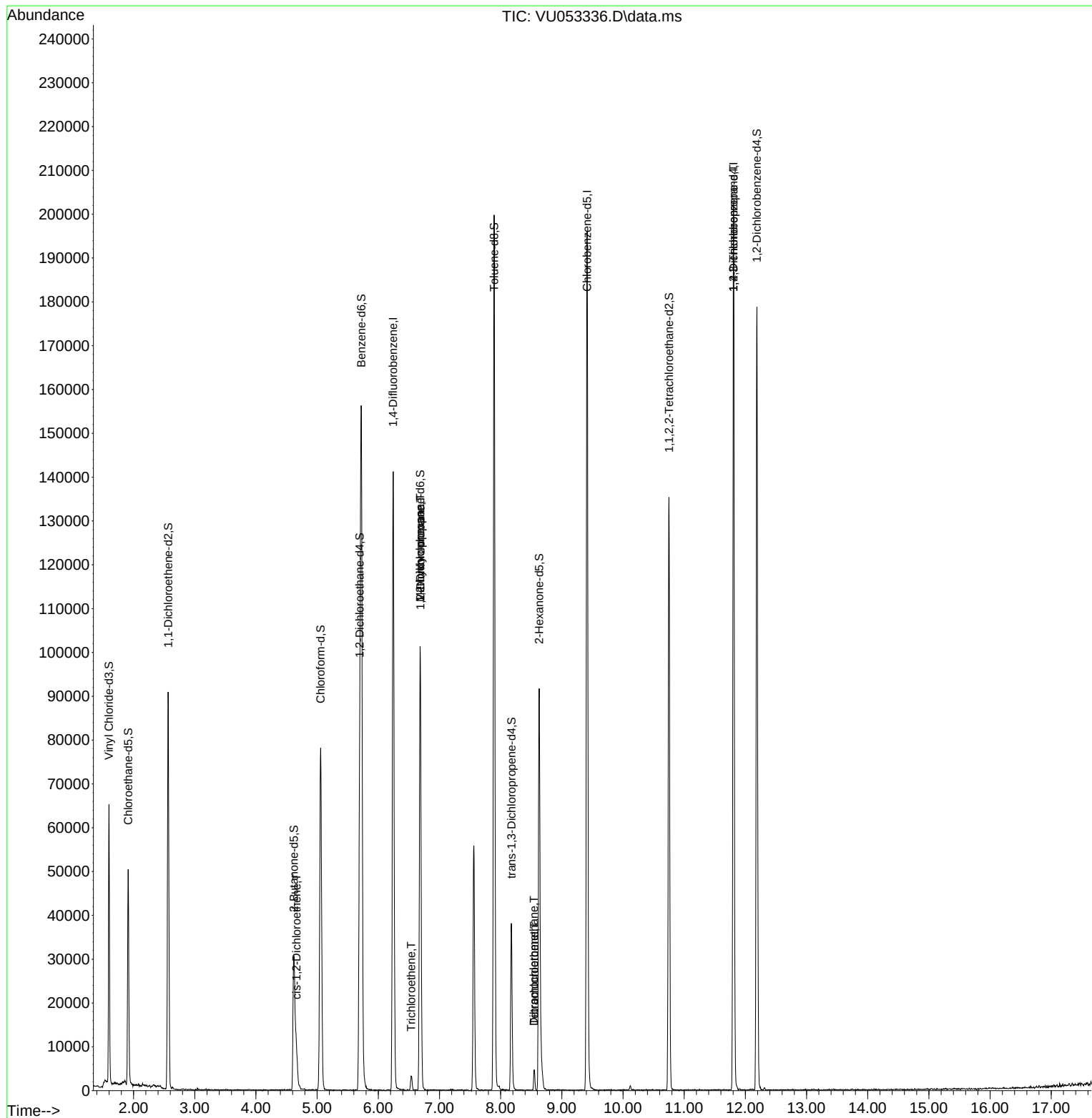
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	110206	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	104416	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	47870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43747	43.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.060%		
7) Chloroethane-d5	1.913	69	35362	42.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.000%		
11) 1,1-Dichloroethene-d2	2.565	63	52642	29.889	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.780%#		
21) 2-Butanone-d5	4.620	46	48231	102.281	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.280%		
24) Chloroform-d	5.057	84	67613	40.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.760%		
26) 1,2-Dichloroethane-d4	5.697	65	47180	45.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.740%		
32) Benzene-d6	5.723	84	146810	43.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.700%		
36) 1,2-Dichloropropane-d6	6.684	67	48376	44.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.520%		
41) Toluene-d8	7.893	98	130154	41.277	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.560%		
43) trans-1,3-Dichloroprop...	8.176	79	22242	41.242	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.480%		
47) 2-Hexanone-d5	8.629	63	32226	94.302	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.300%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	65185	46.035	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.080%		
66) 1,2-Dichlorobenzene-d4	12.189	152	42277	45.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.220%		
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	3131	3.246	ug/L	96
34) Trichloroethene	6.536	95	1273	1.349	ug/L	92
35) Methylcyclohexane	6.684	83	10399	6.285	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	5282	5.230	ug/L #	90
46) Tetrachloroethene	8.549	164	911	1.483	ug/L #	85
49) Dibromochloromethane	8.546	129	775	0.824	ug/L #	12
60) 1,2,3-Trichloropropane	11.806	75	7439	7.820	ug/L #	69

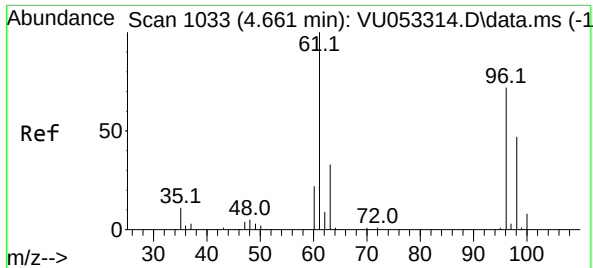
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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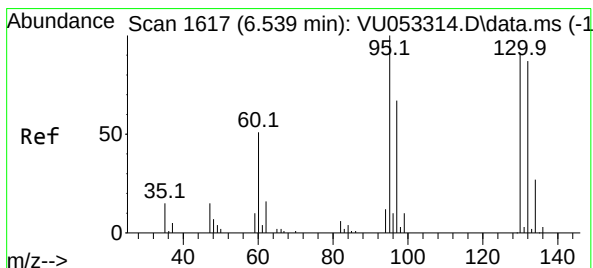
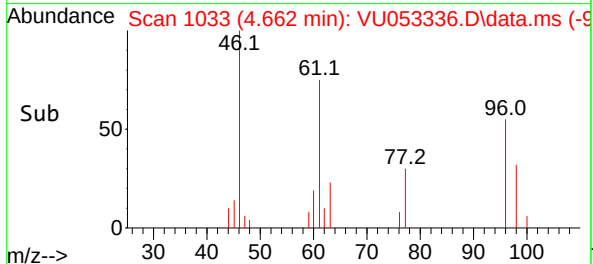
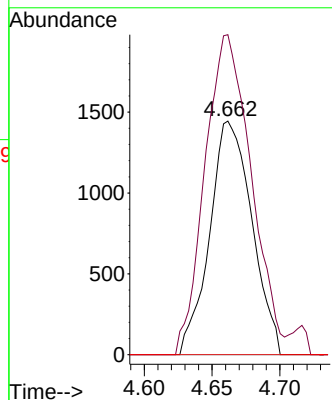
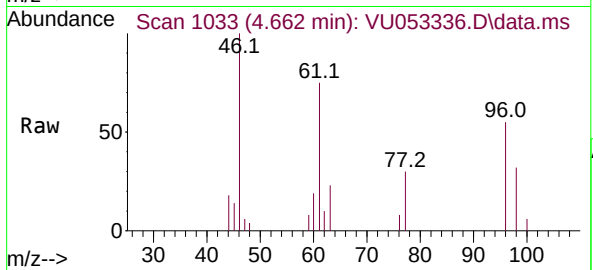




#20
cis-1,2-Dichloroethene
Concen: 3.246 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053336.D
Acq: 21 Mar 2023 19:54

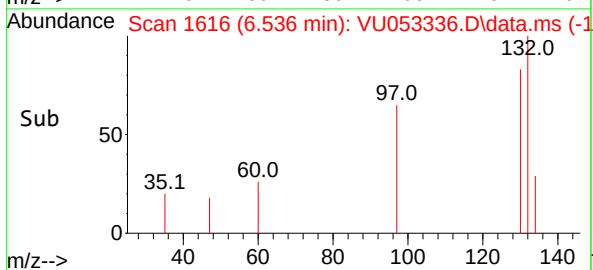
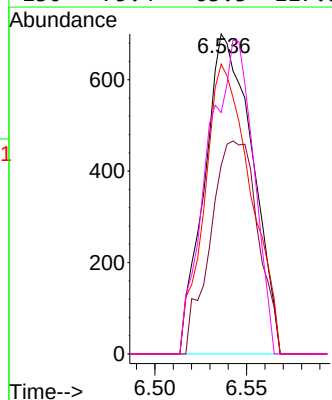
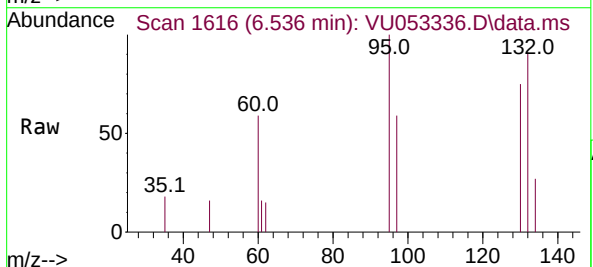
Instrument :
MSVOA_U
ClientSampleId :
EXEN0

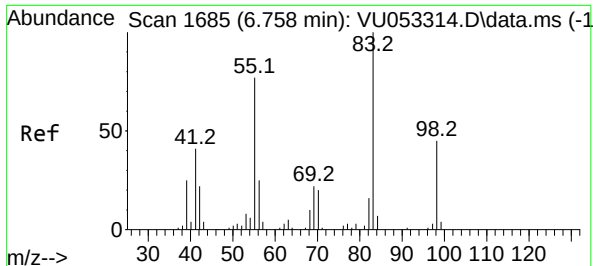
Tgt Ion: 96 Resp: 3131
Ion Ratio Lower Upper
96 100
61 137.0 92.5 171.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.349 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053336.D
Acq: 21 Mar 2023 19:54

Tgt Ion: 95 Resp: 1273
Ion Ratio Lower Upper
95 100
97 58.9 43.8 81.3
132 90.6 61.5 114.3
130 75.4 63.3 117.5





#35

Methylcyclohexane

Concen: 6.285 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053336.D

Acq: 21 Mar 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

EXEN0

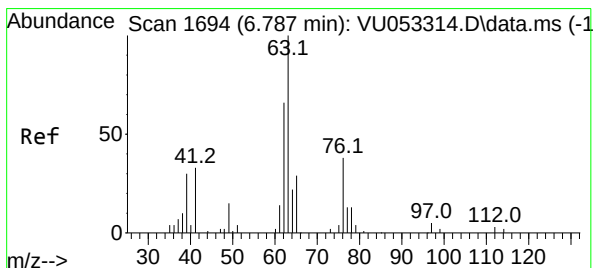
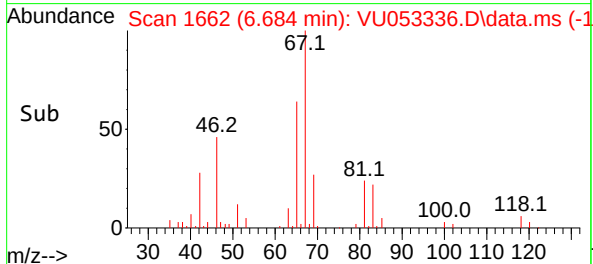
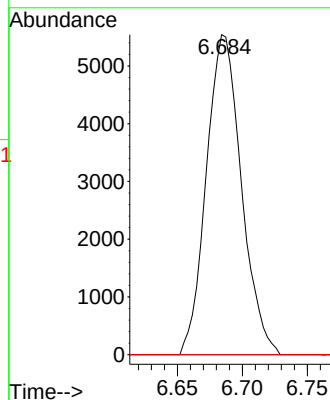
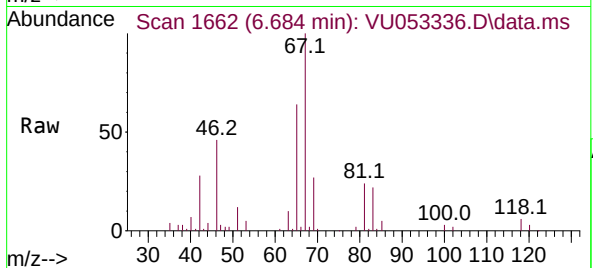
Tgt Ion: 83 Resp: 10399

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.0 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.230 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.099 min

Lab File: VU053336.D

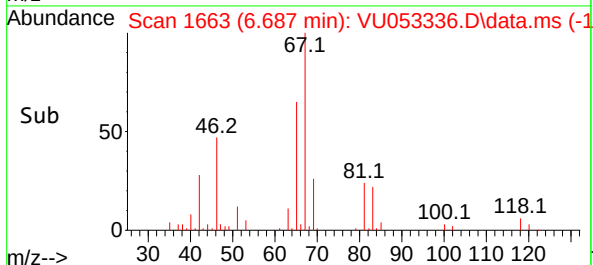
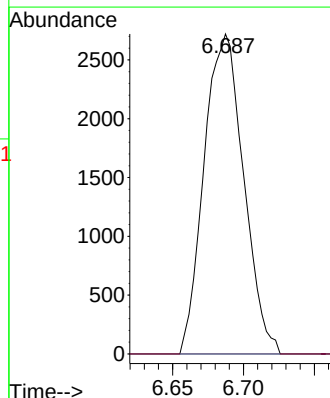
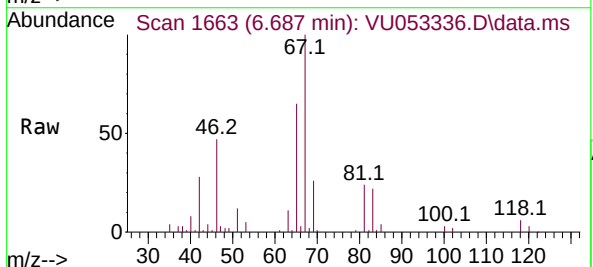
Acq: 21 Mar 2023 19:54

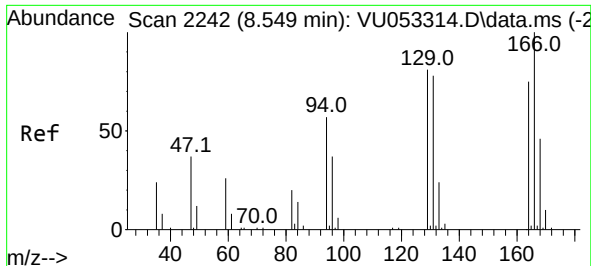
Tgt Ion: 63 Resp: 5282

Ion Ratio Lower Upper

63 100

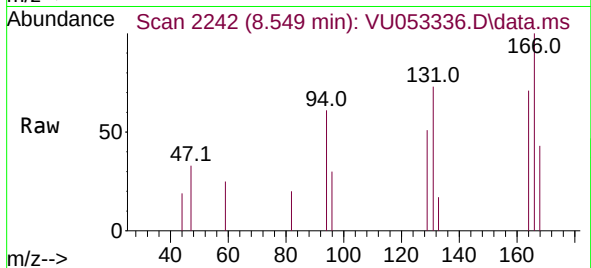
112 0.0 2.6 3.8#



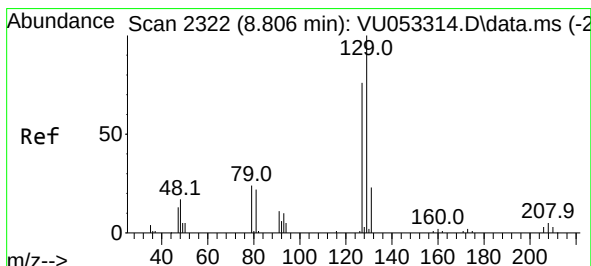
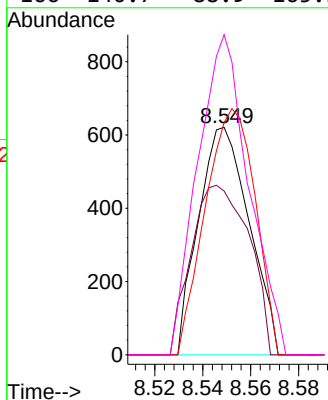
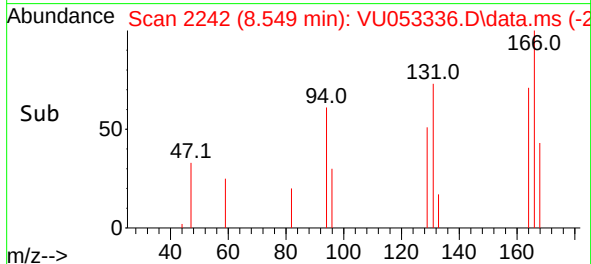


#46
Tetrachloroethene
Concen: 1.483 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053336.D
Acq: 21 Mar 2023 19:54

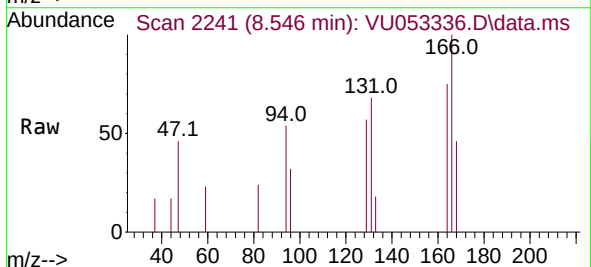
Instrument :
MSVOA_U
ClientSampleId :
EXEN0



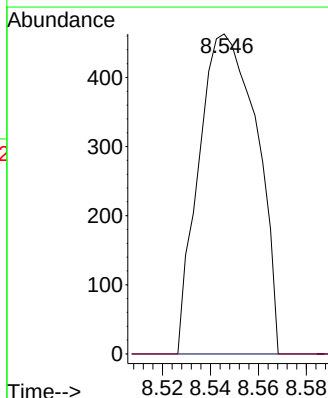
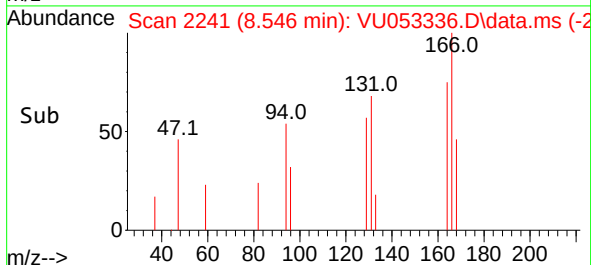
Tgt Ion:164 Resp: 911
Ion Ratio Lower Upper
164 100
129 72.0 73.6 136.8#
131 102.1 70.3 130.7
166 140.7 88.9 165.1

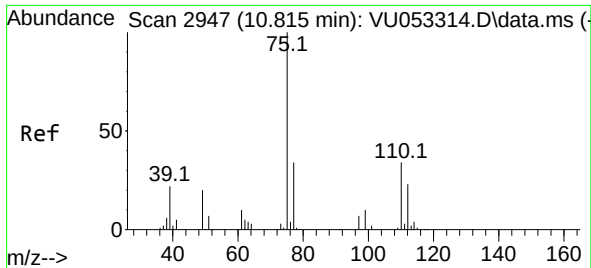


#49
Dibromochloromethane
Concen: 0.824 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.260 min
Lab File: VU053336.D
Acq: 21 Mar 2023 19:54



Tgt Ion:129 Resp: 775
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#





#60
 1,2,3-Trichloropropane
 Concen: 7.820 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU053336.D
 Acq: 21 Mar 2023 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEN0

Tgt Ion: 75 Resp: 7439
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.6 40.0
 110 1.4 28.6 42.8#

