

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053451.D
 Acq On : 28 Mar 2023 22:32
 Operator : JC/MD
 Sample : 02037-11DL 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45F2DL

Quant Time: Mar 29 04:17:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 02:16:14 2023
 Response via : Initial Calibration

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

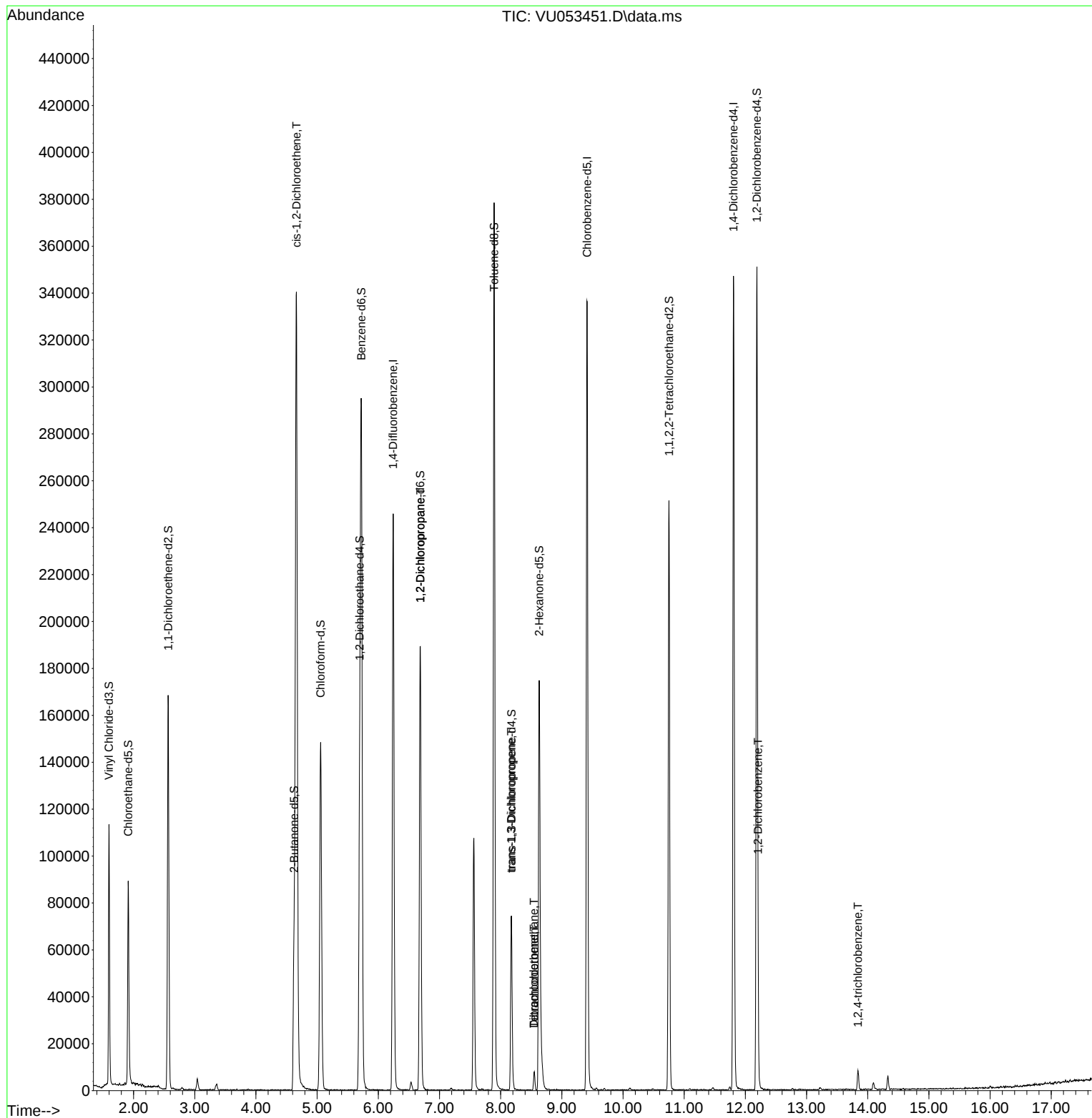
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	199022	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	186239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	88561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79089	43.075	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.140%		
7) Chloroethane-d5	1.913	69	65116	43.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.680%		
11) 1,1-Dichloroethene-d2	2.565	63	99590	31.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.620%		
21) 2-Butanone-d5	4.623	46	103545	121.591	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.590%		
24) Chloroform-d	5.057	84	132151	43.699	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.400%		
26) 1,2-Dichloroethane-d4	5.697	65	89709	47.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.540%		
32) Benzene-d6	5.723	84	271225	44.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.800%		
36) 1,2-Dichloropropane-d6	6.684	67	92336	47.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.720%		
41) Toluene-d8	7.893	98	245897	43.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.440%		
43) trans-1,3-Dichloroprop...	8.176	79	42623	44.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.620%		
47) 2-Hexanone-d5	8.629	63	59862	98.211	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.210%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	122545	48.522	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.040%		
66) 1,2-Dichlorobenzene-d4	12.189	152	90535	52.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.600%		
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	166371	95.514	ug/L	98
37) 1,2-Dichloropropane	6.687	63	9850	5.468	ug/L #	90
44) trans-1,3-Dichloropropene	8.173	75	2242	0.829	ug/L	90
46) Tetrachloroethene	8.546	164	1664	1.519	ug/L	85
49) Dibromochloromethane	8.546	129	1893	1.128	ug/L #	12
67) 1,2-Dichlorobenzene	12.208	146	4771	1.627	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	3072	1.838	ug/L	96

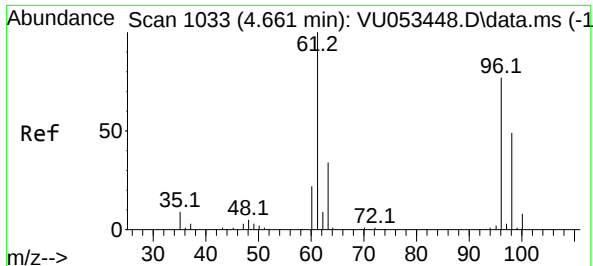
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 29 02:16:14 2023
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#20

cis-1,2-Dichloroethene

Concen: 95.514 ug/L

RT: 4.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053451.D

Acq: 28 Mar 2023 22:32

Instrument :

MSVOA_U

ClientSampleId :

E45F2DL

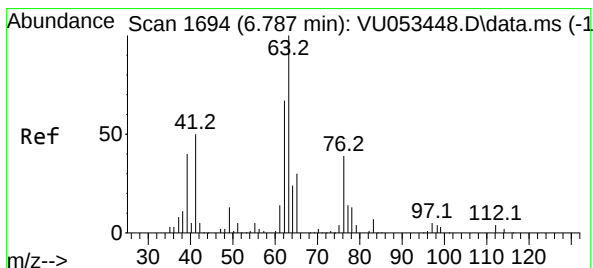
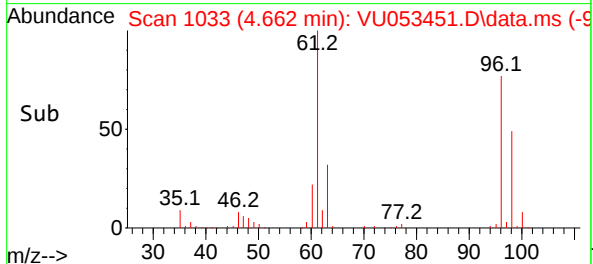
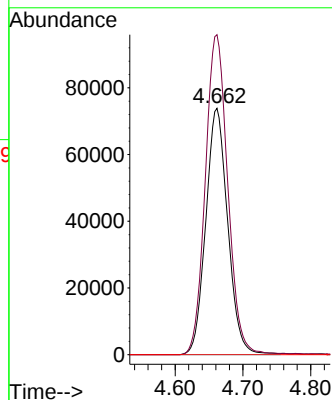
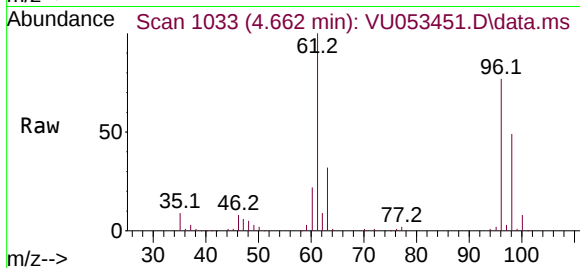
Tgt Ion: 96 Resp: 166371

Ion Ratio Lower Upper

96 100

61 129.9 92.5 171.7

68 0.0 0.0 0.0



#37

1,2-Dichloropropane

Concen: 5.468 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.099 min

Lab File: VU053451.D

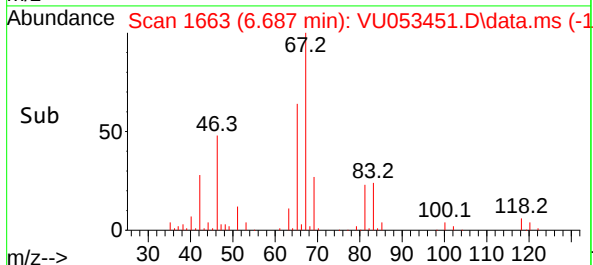
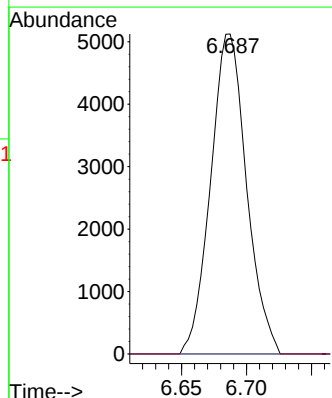
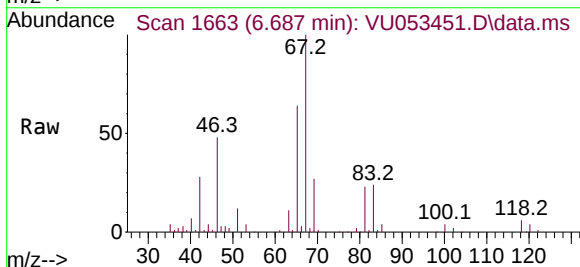
Acq: 28 Mar 2023 22:32

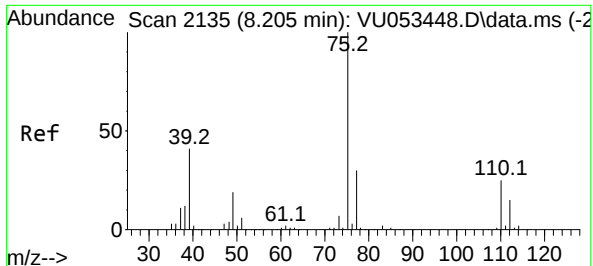
Tgt Ion: 63 Resp: 9850

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

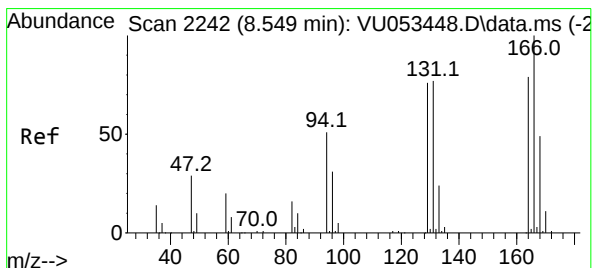
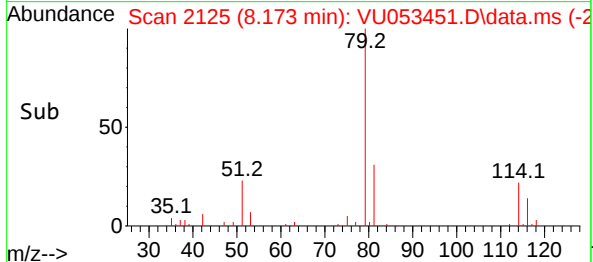
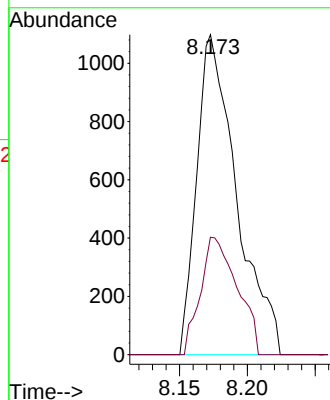
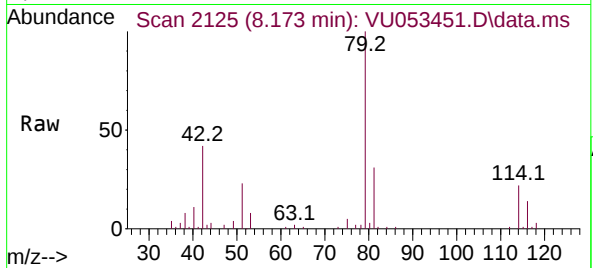




#44
trans-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU053451.D
Acq: 28 Mar 2023 22:32

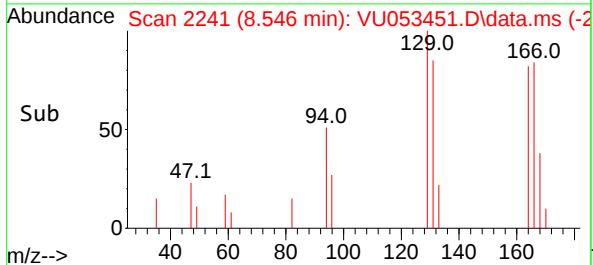
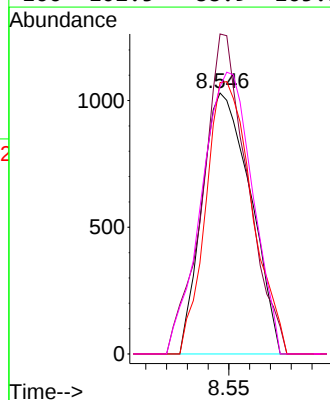
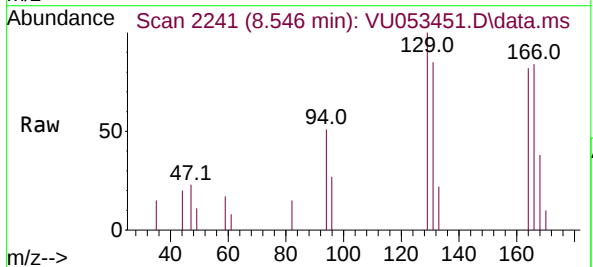
Instrument :
MSVOA_U
ClientSampleId :
E45F2DL

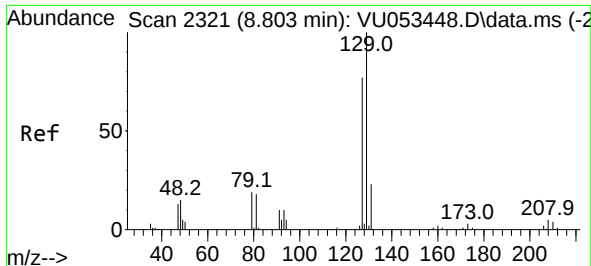
Tgt Ion: 75 Resp: 2242
Ion Ratio Lower Upper
75 100
77 36.7 22.0 40.8



#46
Tetrachloroethene
Concen: 1.519 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU053451.D
Acq: 28 Mar 2023 22:32

Tgt Ion: 164 Resp: 1664
Ion Ratio Lower Upper
164 100
129 122.6 73.6 136.8
131 104.0 70.3 130.7
166 102.5 88.9 165.1





#49

Dibromochloromethane

Concen: 1.128 ug/L

RT: 8.546 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053451.D

Acq: 28 Mar 2023 22:32

Instrument :

MSVOA_U

ClientSampleId :

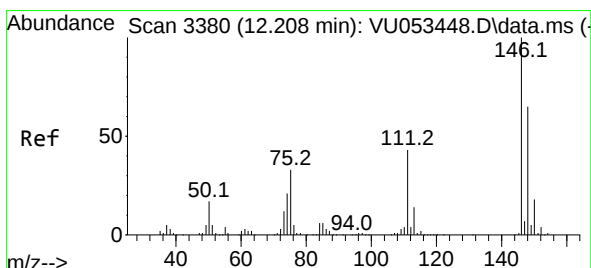
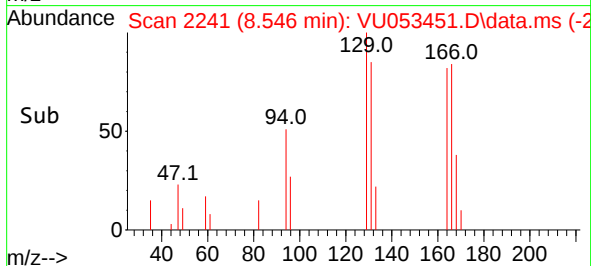
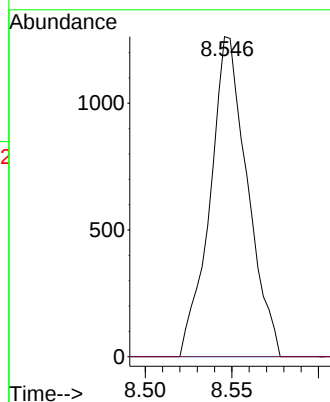
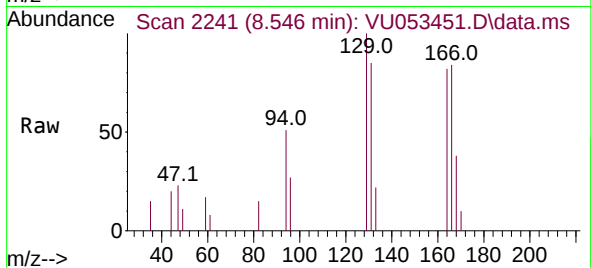
E45F2DL

Tgt Ion:129 Resp: 1893

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



#67

1,2-Dichlorobenzene

Concen: 1.627 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU053451.D

Acq: 28 Mar 2023 22:32

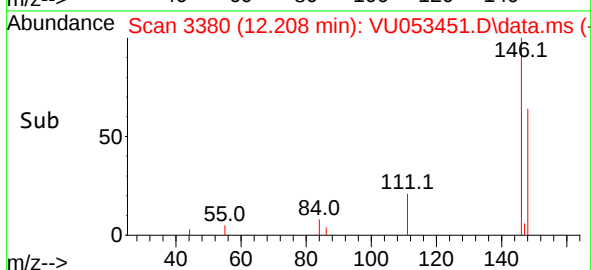
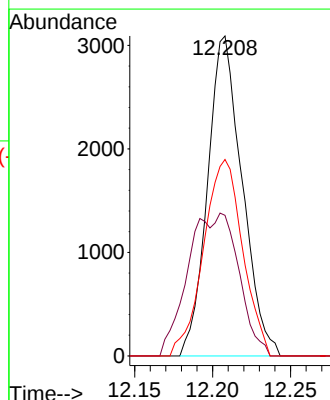
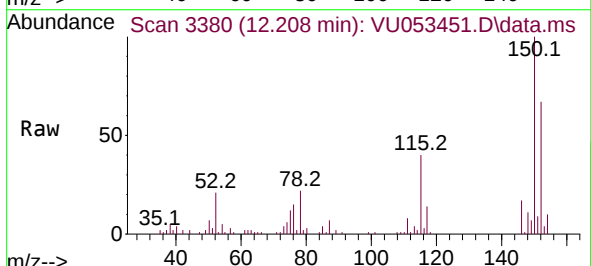
Tgt Ion:146 Resp: 4771

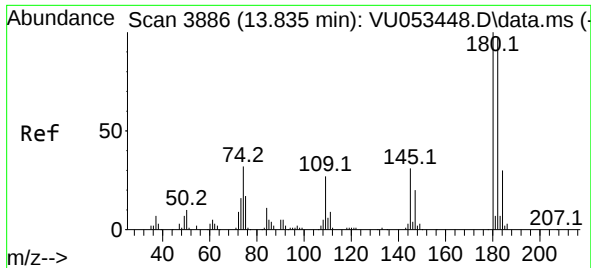
Ion Ratio Lower Upper

146 100

111 44.0 37.0 55.4

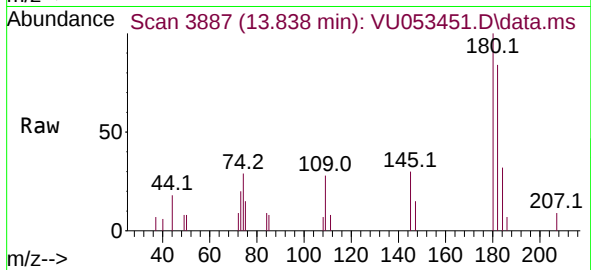
148 61.4 51.4 77.2





#70
 1,2,4-trichlorobenzene
 Concen: 1.838 ug/L
 RT: 13.838 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053451.D
 Acq: 28 Mar 2023 22:32

Instrument :
 MSVOA_U
 ClientSampleId :
 E45F2DL



Tgt Ion:	180	Resp:	3072
Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.8	113.8
145	29.5	27.2	40.8

