

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053432.D
 Acq On : 28 Mar 2023 14:43
 Operator : JC/MD
 Sample : 02085-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMB2

Quant Time: Mar 29 01:11:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 01:10:06 2023
 Response via : Initial Calibration

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

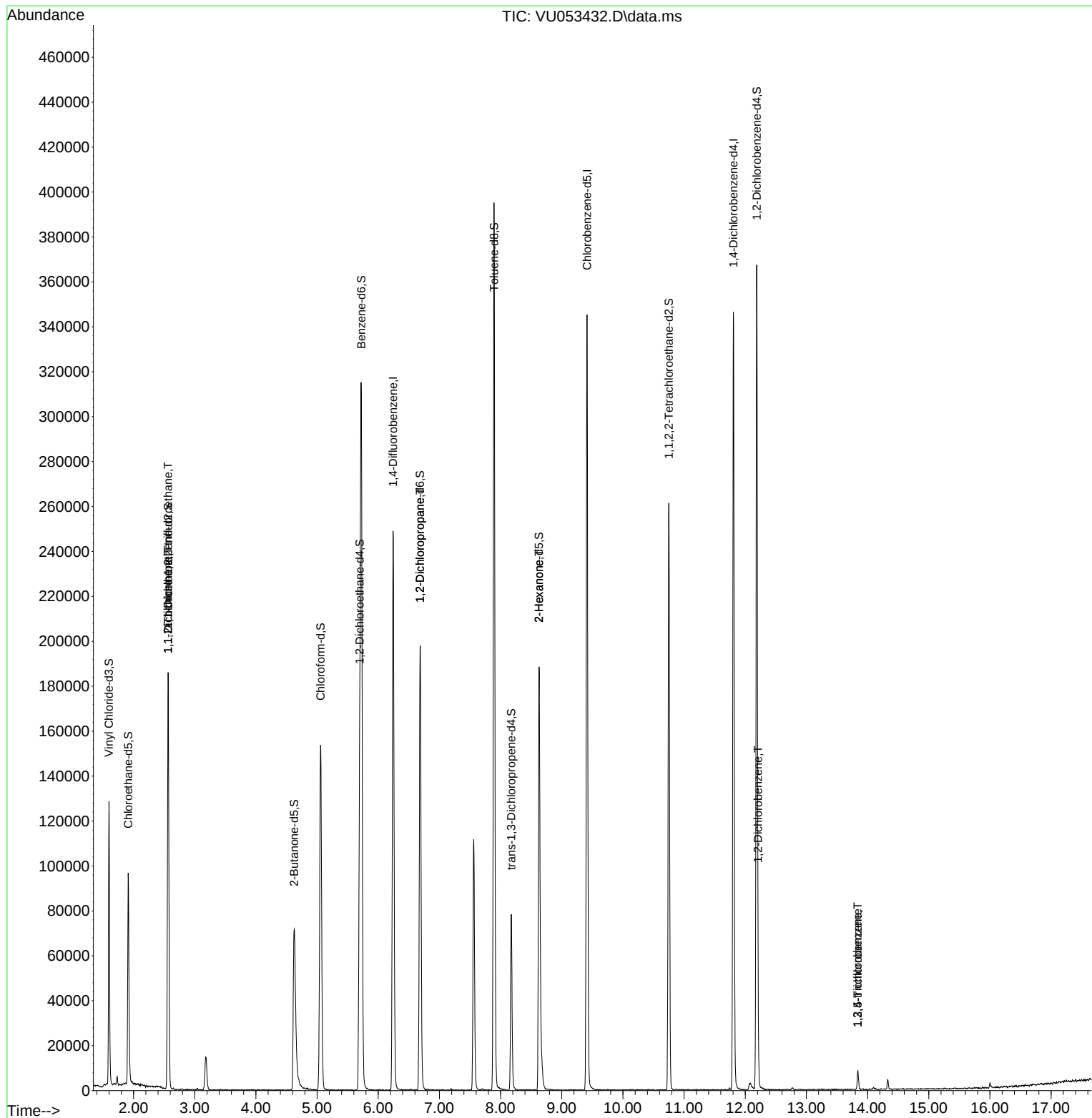
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	200545	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	188089	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	88053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89989	48.639	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.280%		
7) Chloroethane-d5	1.912	69	69338	46.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.660%		
11) 1,1-Dichloroethene-d2	2.565	63	108661	33.903	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.800%		
21) 2-Butanone-d5	4.623	46	110594	128.882	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	128.880%		
24) Chloroform-d	5.057	84	134614	44.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.340%		
26) 1,2-Dichloroethane-d4	5.697	65	93447	49.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.760%		
32) Benzene-d6	5.723	84	283832	46.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.040%		
36) 1,2-Dichloropropane-d6	6.684	67	96242	48.879	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.760%		
41) Toluene-d8	7.893	98	257263	45.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.580%		
43) trans-1,3-Dichloroprop...	8.176	79	43717	45.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.000%		
47) 2-Hexanone-d5	8.629	63	61083	99.229	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.230%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128464	50.365	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.720%		
66) 1,2-Dichlorobenzene-d4	12.189	152	92036	53.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1026	0.644	ug/L #	22
12) 1,1-Dichloroethene	2.562	96	865	0.587	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	9987	5.489	ug/L #	90
48) 2-Hexanone	8.629	43	9212	5.883	ug/L #	76
67) 1,2-Dichlorobenzene	12.208	146	3974	1.363	ug/L	93
69) 1,3,5-Trichlorobenzene	13.838	180	2942	1.590	ug/L	95
70) 1,2,4-trichlorobenzene	13.838	180	2942	1.770	ug/L	95

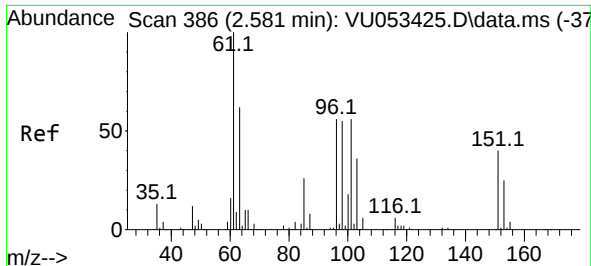
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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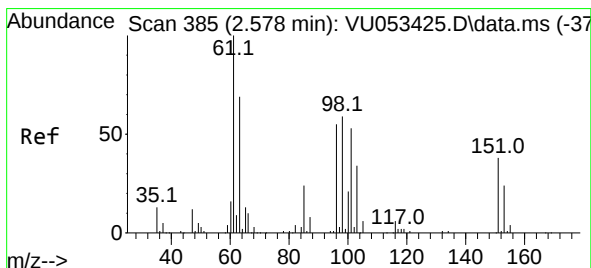
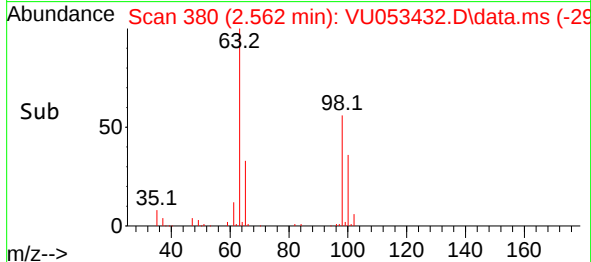
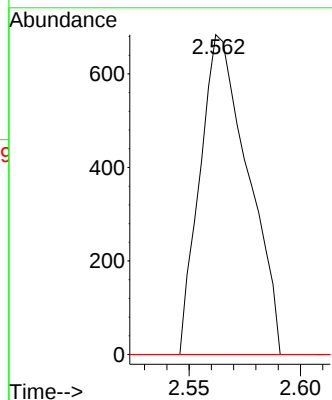
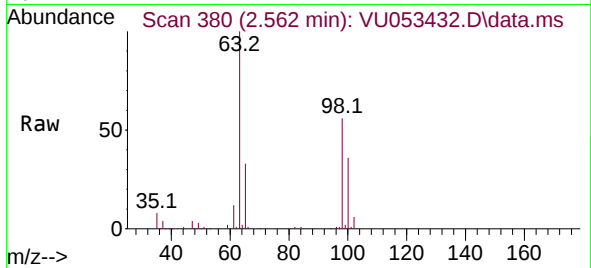




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.644 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.019 min
Lab File: VU053432.D
Acq: 28 Mar 2023 14:43

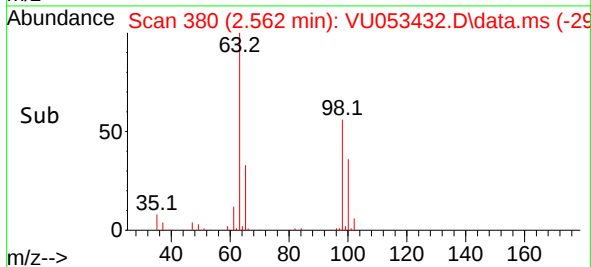
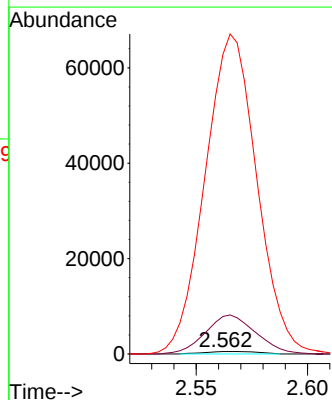
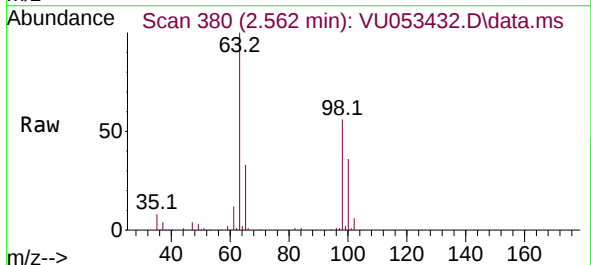
Instrument :
MSVOA_U
ClientSampleId :
COMB2

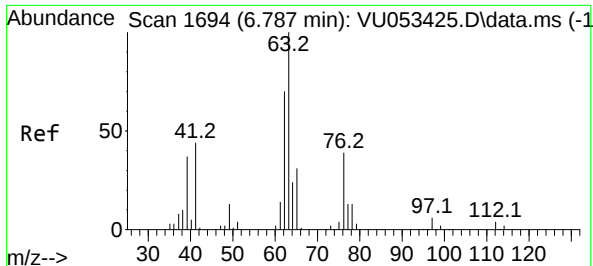
Tgt Ion:101 Resp: 1026
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6#
151 0.0 52.9 79.3#



#12
1,1-Dichloroethene
Concen: 0.587 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU053432.D
Acq: 28 Mar 2023 14:43

Tgt Ion: 96 Resp: 865
Ion Ratio Lower Upper
96 100
61 1514.1 122.2 226.9#
63 12126.6 89.9 166.9#

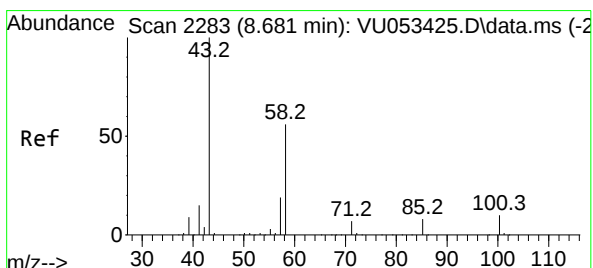
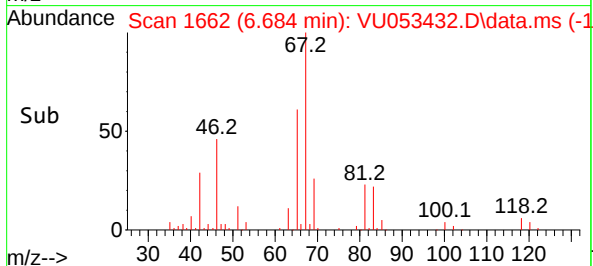
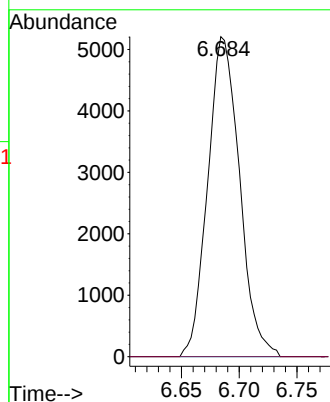
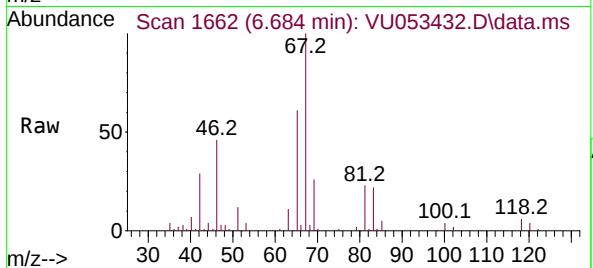




#37
1,2-Dichloropropane
Concen: 5.489 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053432.D
Acq: 28 Mar 2023 14:43

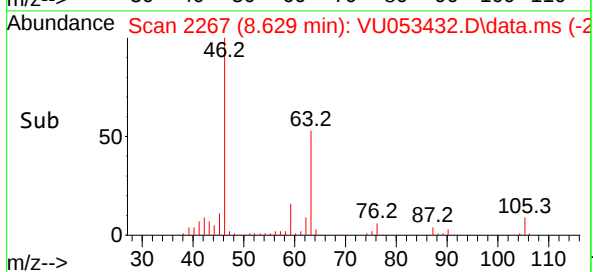
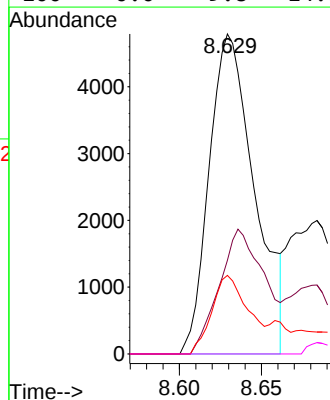
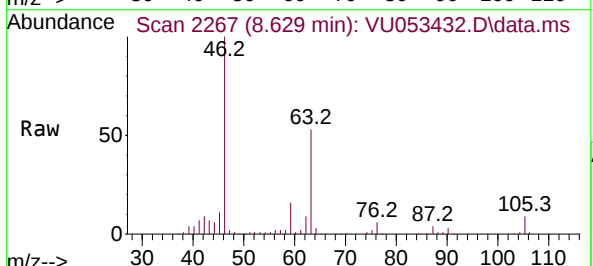
Instrument :
MSVOA_U
ClientSampleId :
COMB2

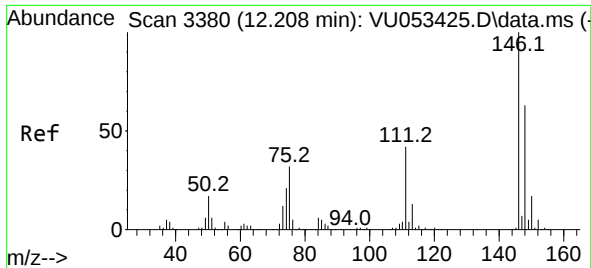
Tgt Ion: 63 Resp: 9987
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#48
2-Hexanone
Concen: 5.883 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.051 min
Lab File: VU053432.D
Acq: 28 Mar 2023 14:43

Tgt Ion: 43 Resp: 9212
Ion Ratio Lower Upper
43 100
58 38.9 49.4 74.0#
57 19.8 16.9 25.3
100 0.0 9.8 14.8#





#67

1,2-Dichlorobenzene

Concen: 1.363 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053432.D

Acq: 28 Mar 2023 14:43

Instrument :

MSVOA_U

ClientSampleId :

COMB2

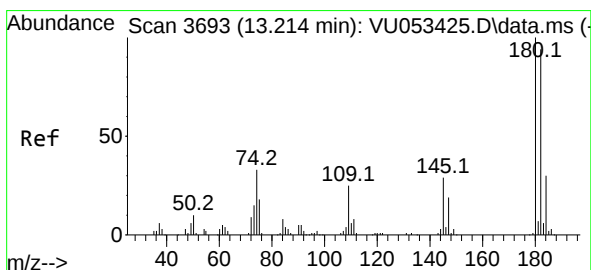
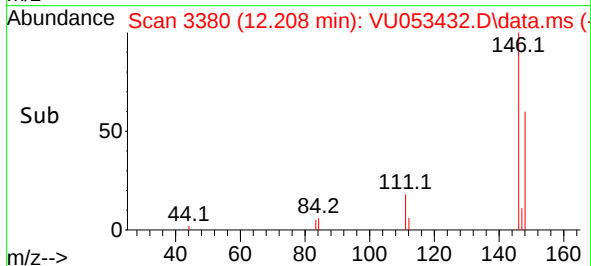
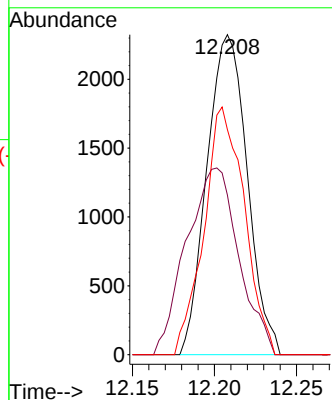
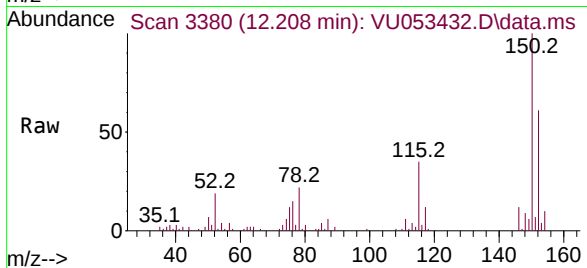
Tgt Ion:146 Resp: 3974

Ion Ratio Lower Upper

146 100

111 49.9 37.0 55.4

148 70.4 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 1.590 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.624 min

Lab File: VU053432.D

Acq: 28 Mar 2023 14:43

Tgt Ion:180 Resp: 2942

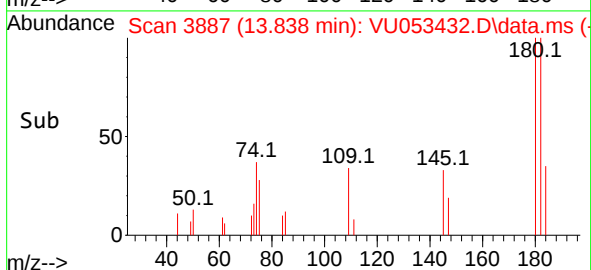
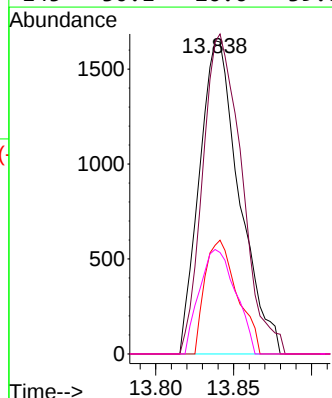
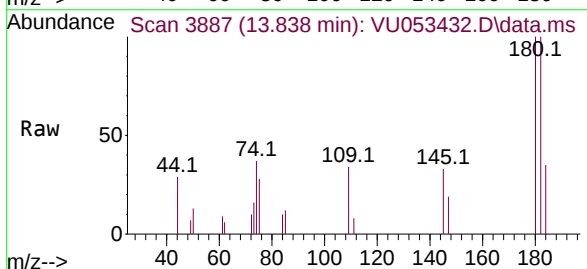
Ion Ratio Lower Upper

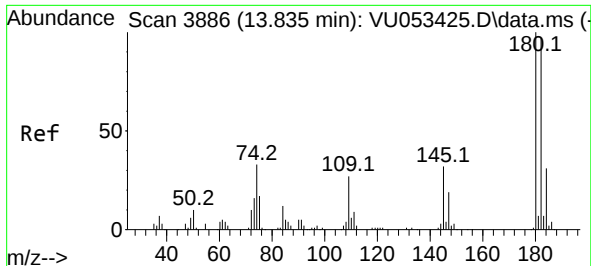
180 100

182 99.3 74.5 111.7

184 29.3 23.2 34.8

145 30.1 26.6 39.8





#70

1,2,4-trichlorobenzene

Concen: 1.770 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU053432.D

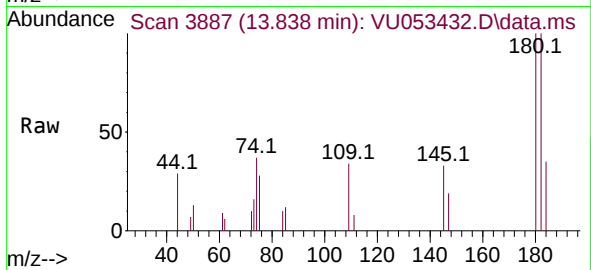
Acq: 28 Mar 2023 14:43

Instrument :

MSVOA_U

ClientSampleId :

COMB2



Tgt Ion:180 Resp: 2942

Ion Ratio Lower Upper

180 100

182 99.3 75.8 113.8

145 30.1 27.2 40.8

