

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048198.D
 Acq On : 22 Apr 2022 02:20
 Operator : SY/MD
 Sample : N2488-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHX4

Quant Time: Apr 22 06:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	331532	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	337418	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	197810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91565	38.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.180%		
7) Chloroethane-d5	1.912	69	80891	42.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.340%		
11) 1,1-Dichloroethene-d2	2.568	63	127820	29.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.120%#		
21) 2-Butanone-d5	4.623	46	176065	85.322	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.320%		
24) Chloroform-d	5.067	84	193702	44.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.060%		
26) 1,2-Dichloroethane-d4	5.703	65	120843	44.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.580%		
32) Benzene-d6	5.729	84	385580	45.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.820%		
36) 1,2-Dichloropropane-d6	6.694	67	129540	49.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.360%		
41) Toluene-d8	7.899	98	331277	40.047	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.100%		
43) trans-1,3-Dichloroprop...	8.179	79	50435	38.179	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.360%		
47) 2-Hexanone-d5	8.636	63	119389	78.215	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.220%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199987	44.691	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.380%		
66) 1,2-Dichlorobenzene-d4	12.198	152	165517	47.032	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1267	0.518	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1907	0.839	ug/L #	1
25) Chloroform	5.092	83	31088	6.826	ug/L	96
27) 1,2-Dichloroethane	5.774	62	23636	6.717	ug/L #	75
31) Carbon tetrachloride	5.523	117	3323	0.962	ug/L	97
33) Benzene	5.777	78	3182222	325.825	ug/L	100
35) Methylcyclohexane	6.694	83	29099	7.470	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	12219	4.921	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2746	0.713	ug/L #	66
51) Chlorobenzene	9.449	112	3861604	530.711	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	762791	128.371	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	4224284	686.342	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	7775474	1307.768	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	779326	161.490	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	779326	184.370	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	321955	75.979	ug/L	99

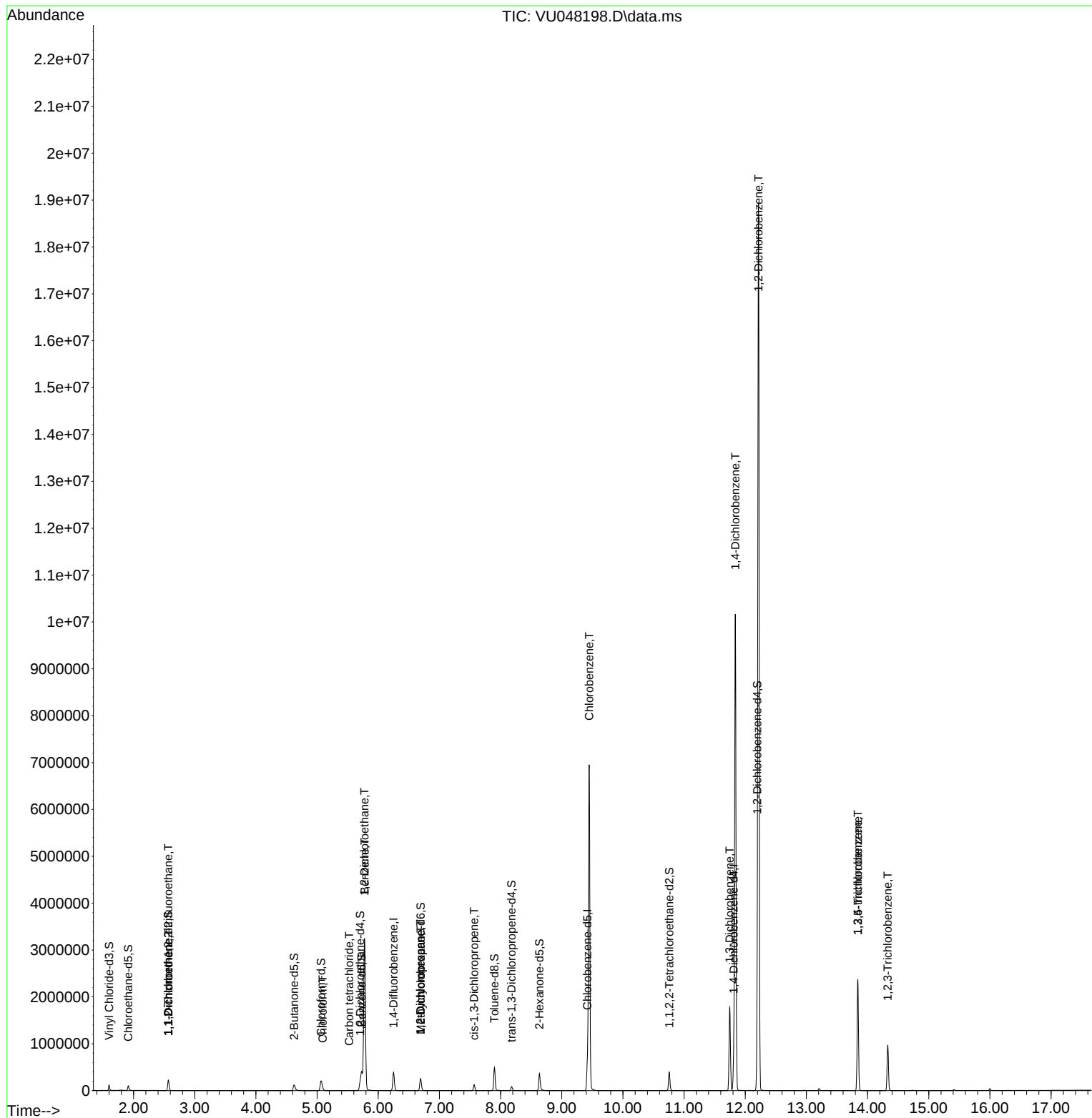
(#) = qualifier out of range (m) = manual integration (+) = signals summed

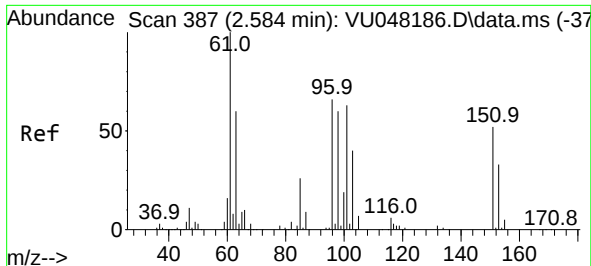
Instrument :
MSVOA_V
ClientSampleId :
C0HX4

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048198.D
Acq On : 22 Apr 2022 02:20
Operator : SY/MD
Sample : N2488-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0HX4

Quant Time: Apr 22 06:37:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
Response via : Initial Calibration

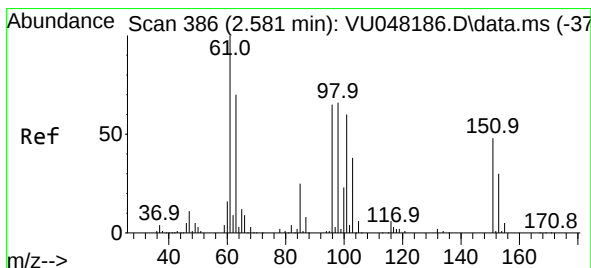
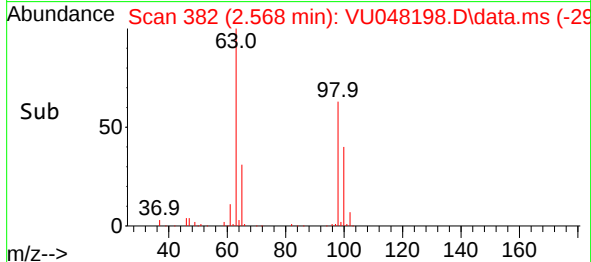
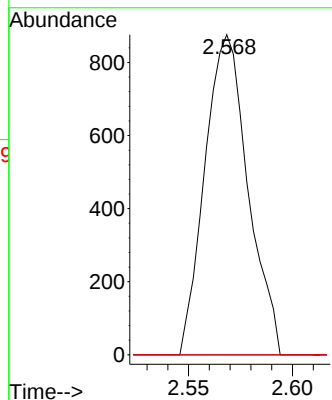
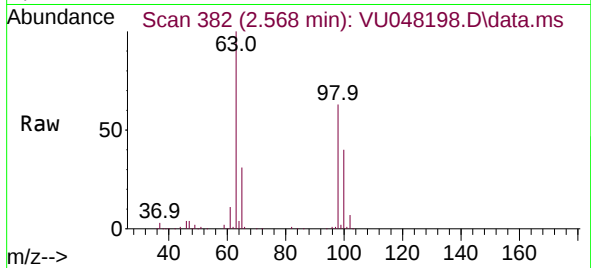




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.518 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

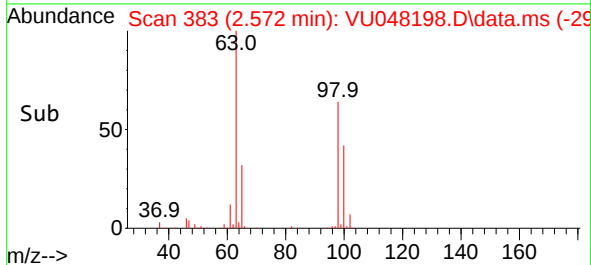
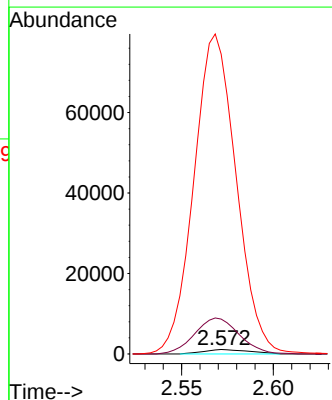
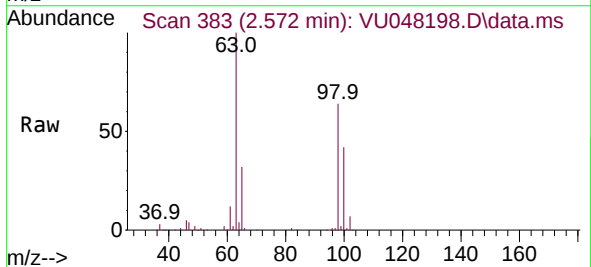
Instrument :
MSVOA_V
ClientSampleId :
COHX4

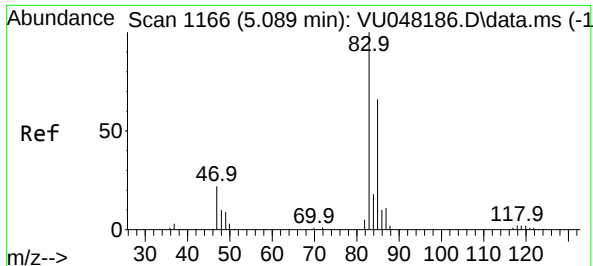
Tgt Ion:101 Resp: 1267
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.839 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

Tgt Ion: 96 Resp: 1907
Ion Ratio Lower Upper
96 100
61 786.2 113.1 210.1#
63 6743.9 94.8 176.0#





#25

Chloroform

Concen: 6.826 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU048198.D

Acq: 22 Apr 2022 02:20

Instrument :

MSVOA_V

ClientSampleId :

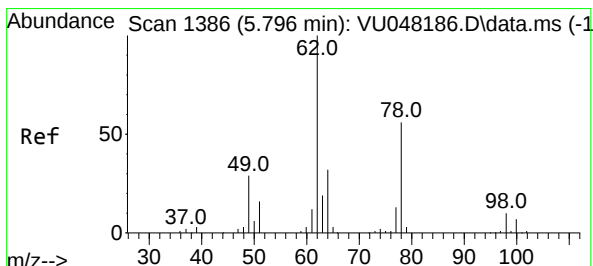
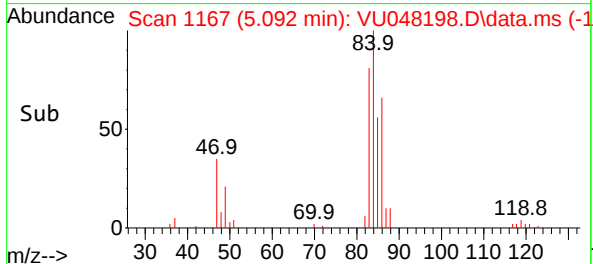
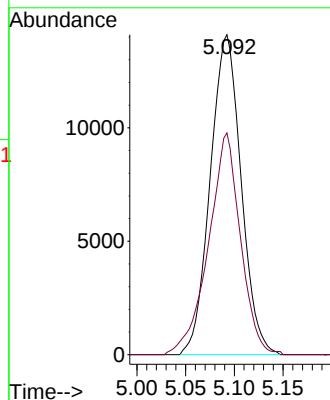
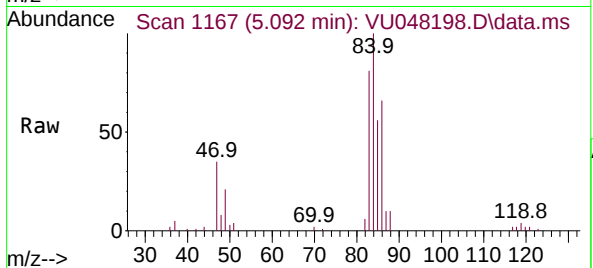
C0HX4

Tgt Ion: 83 Resp: 31088

Ion Ratio Lower Upper

83 100

85 69.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 6.717 ug/L

RT: 5.774 min Scan# 1379

Delta R.T. -0.022 min

Lab File: VU048198.D

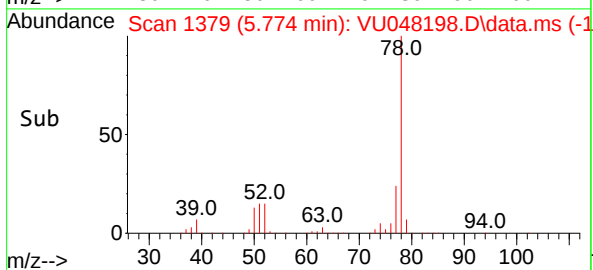
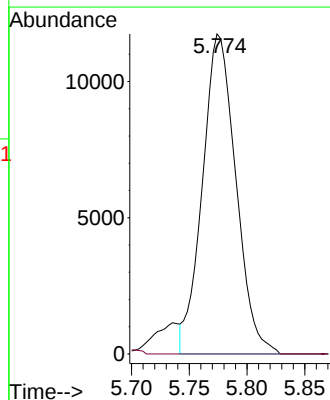
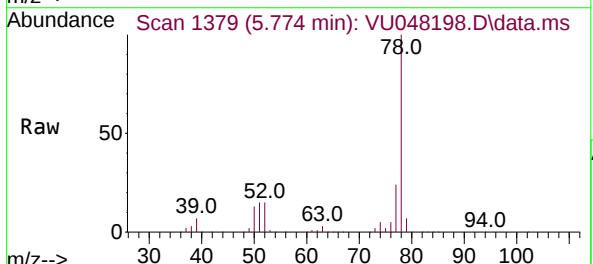
Acq: 22 Apr 2022 02:20

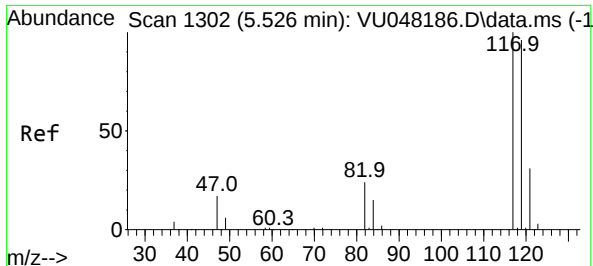
Tgt Ion: 62 Resp: 23636

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

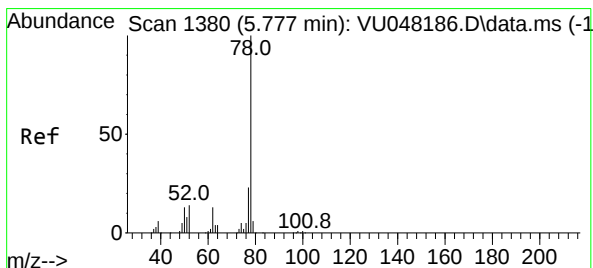
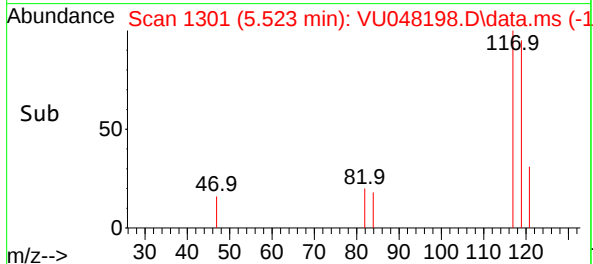
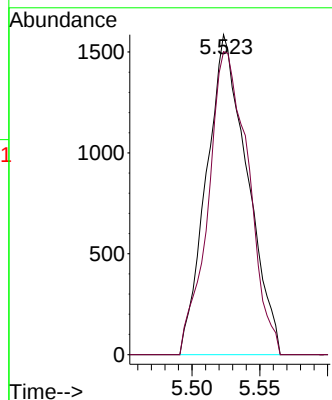
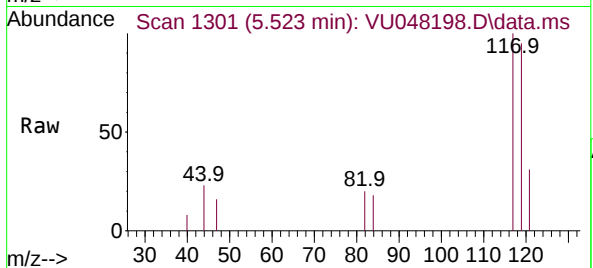




#31
Carbon tetrachloride
Concen: 0.962 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

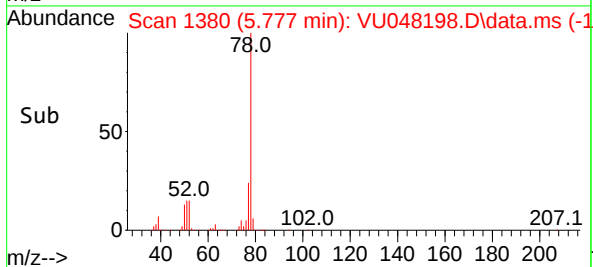
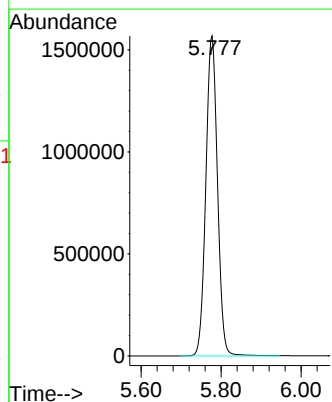
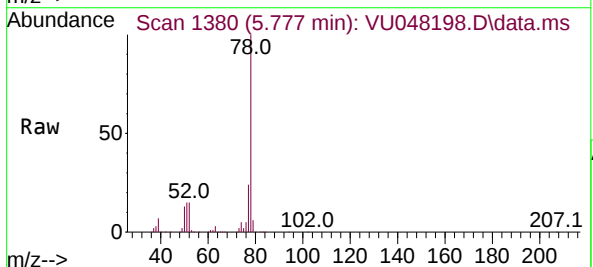
Instrument :
MSVOA_V
ClientSampleId :
C0HX4

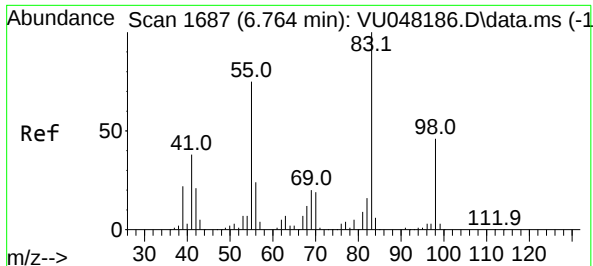
Tgt Ion:117 Resp: 3323
Ion Ratio Lower Upper
117 100
119 93.2 77.2 115.8



#33
Benzene
Concen: 325.825 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

Tgt Ion: 78 Resp: 3182222





#35

Methylcyclohexane

Concen: 7.470 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU048198.D

Acq: 22 Apr 2022 02:20

Instrument :

MSVOA_V

ClientSampleId :

C0HX4

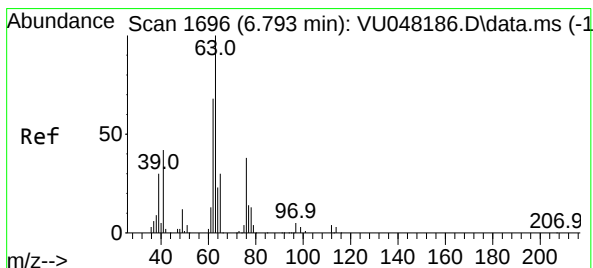
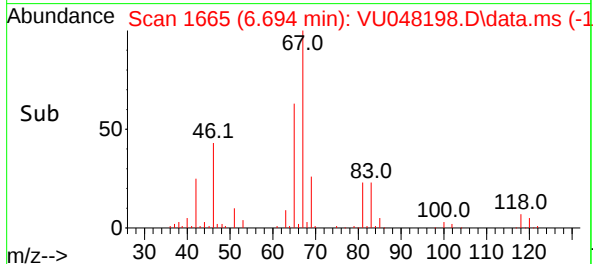
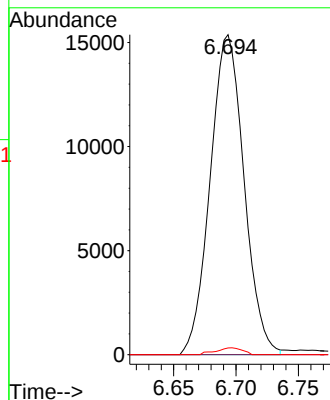
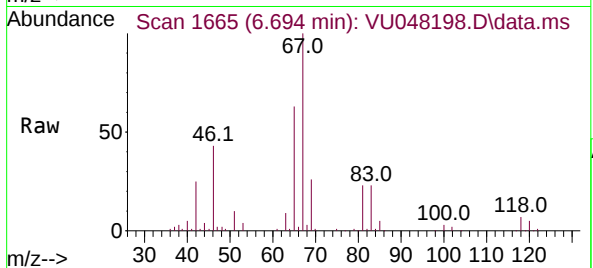
Tgt Ion: 83 Resp: 29099

Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 1.4 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 4.921 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048198.D

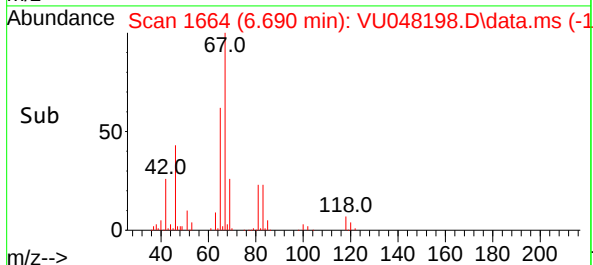
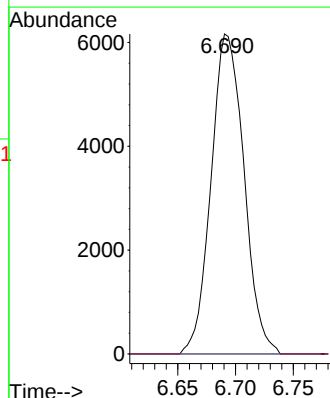
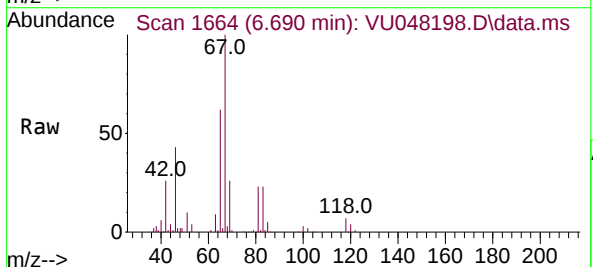
Acq: 22 Apr 2022 02:20

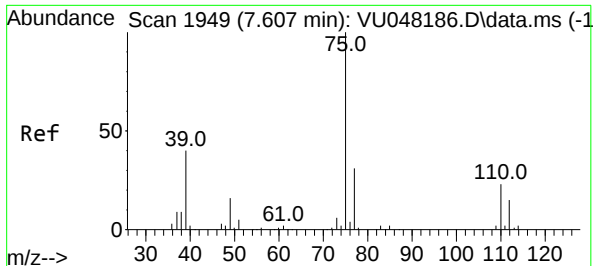
Tgt Ion: 63 Resp: 12219

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048198.D

Acq: 22 Apr 2022 02:20

Instrument :

MSVOA_V

ClientSampleId :

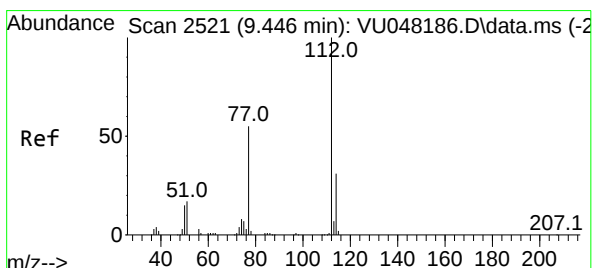
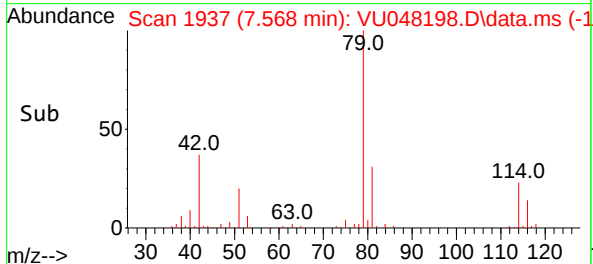
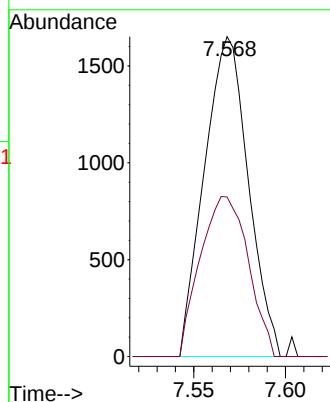
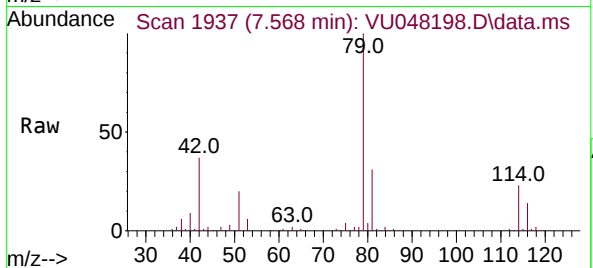
C0HX4

Tgt Ion: 75 Resp: 2746

Ion Ratio Lower Upper

75 100

77 49.9 21.8 40.6#



#51

Chlorobenzene

Concen: 530.711 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048198.D

Acq: 22 Apr 2022 02:20

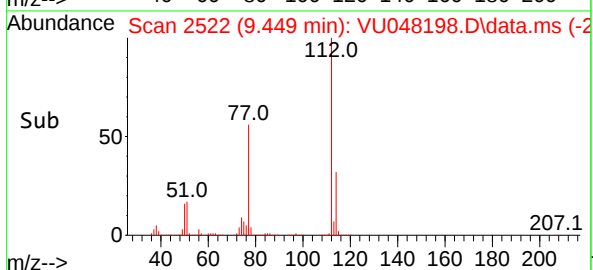
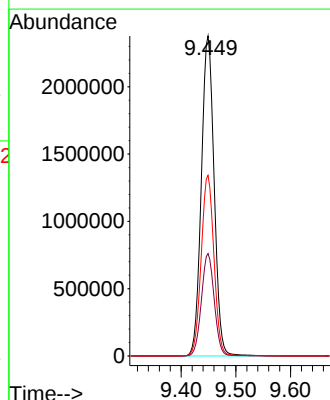
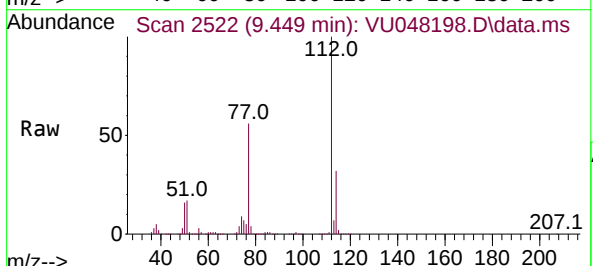
Tgt Ion: 112 Resp: 3861604

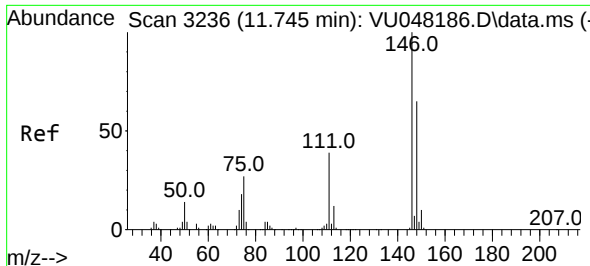
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 56.4 43.4 65.0

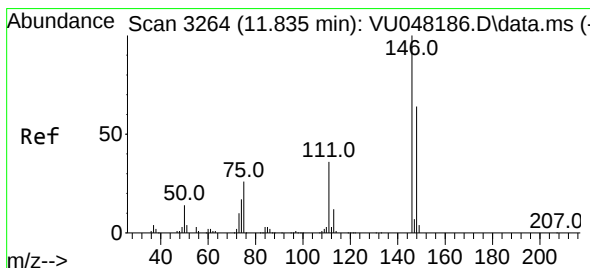
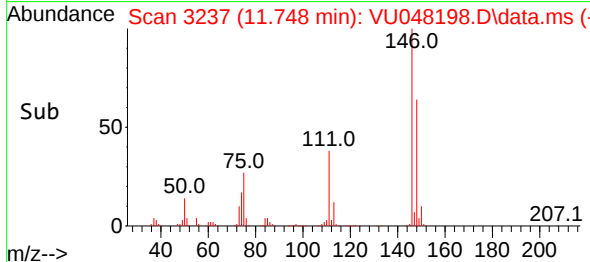
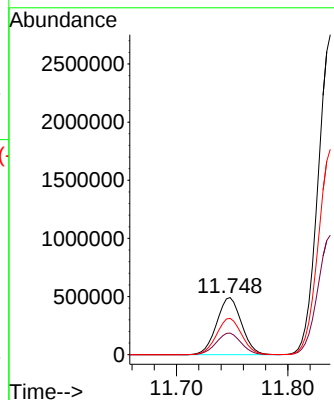
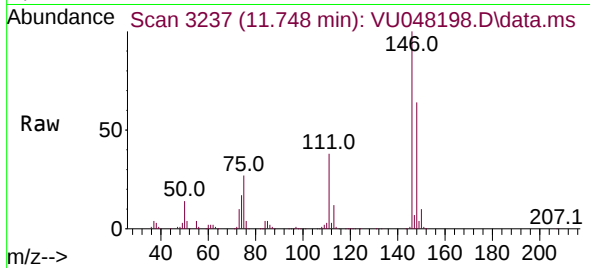




#64
1,3-Dichlorobenzene
Concen: 128.371 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

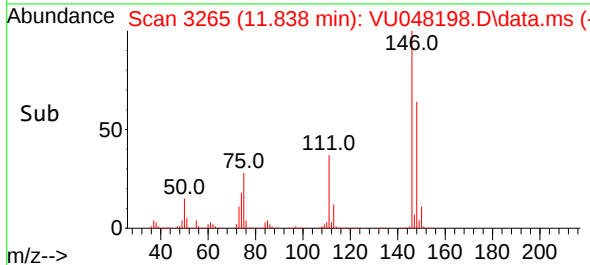
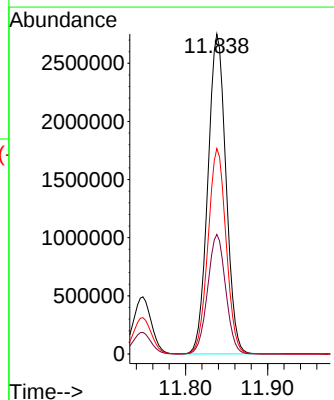
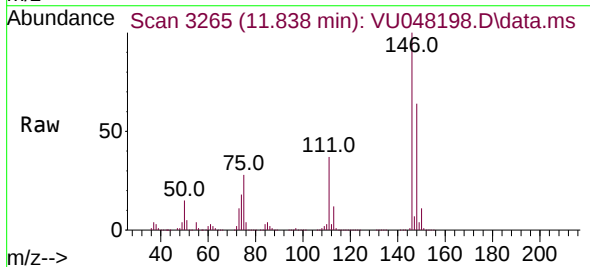
Instrument :
MSVOA_V
ClientSampleId :
C0HX4

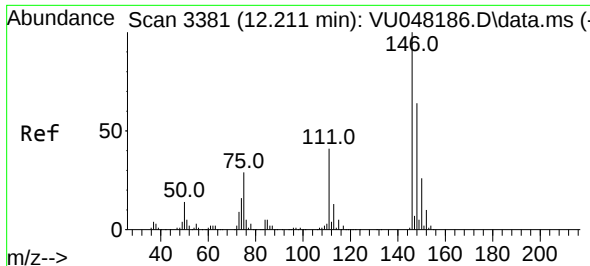
Tgt Ion:146 Resp: 762791
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 63.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 686.342 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

Tgt Ion:146 Resp: 4224284
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 64.2 44.5 82.7

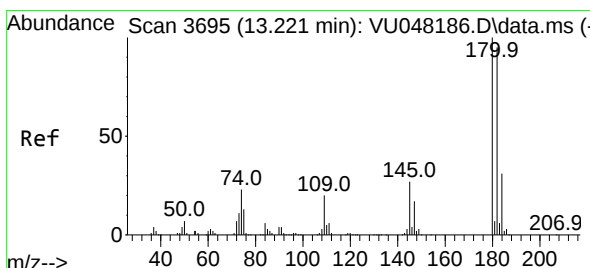
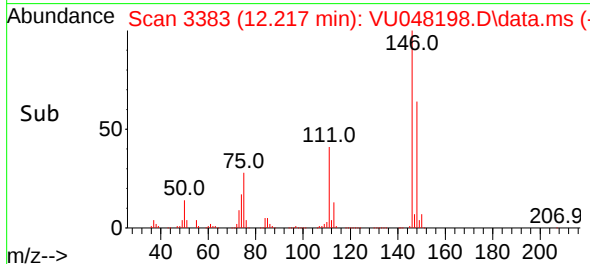
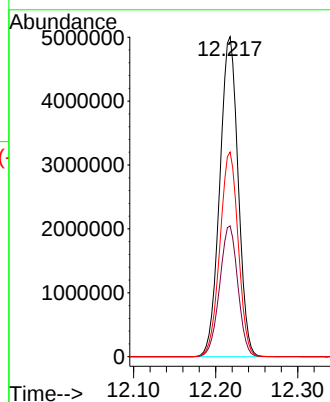
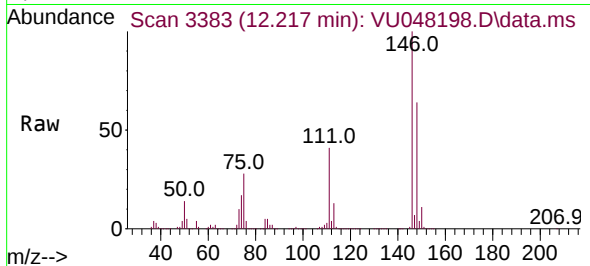




#67
1,2-Dichlorobenzene
Concen: 1307.768 ug/L
RT: 12.217 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

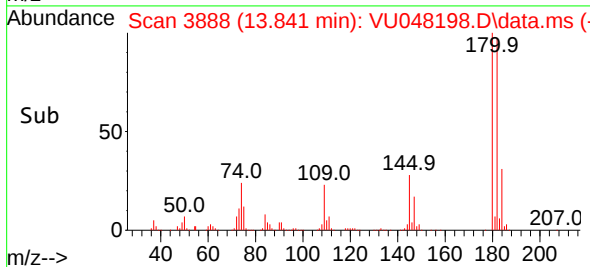
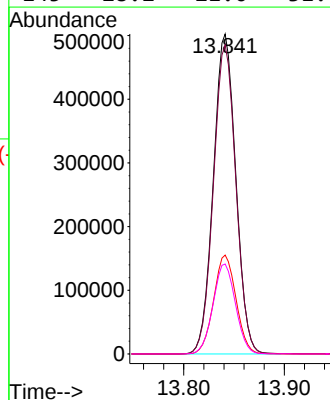
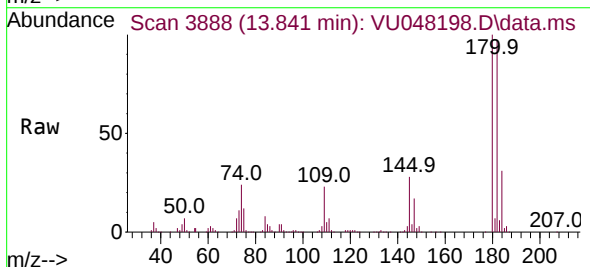
Instrument :
MSVOA_V
ClientSampleId :
COHX4

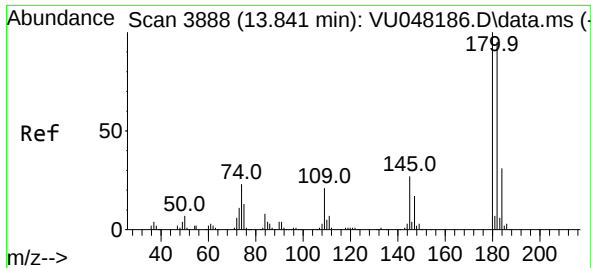
Tgt Ion:146 Resp: 7775474
Ion Ratio Lower Upper
146 100
111 40.8 31.7 47.5
148 64.0 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 161.490 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

Tgt Ion:180 Resp: 779326
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
184 30.9 24.5 36.7
145 28.2 21.0 31.6

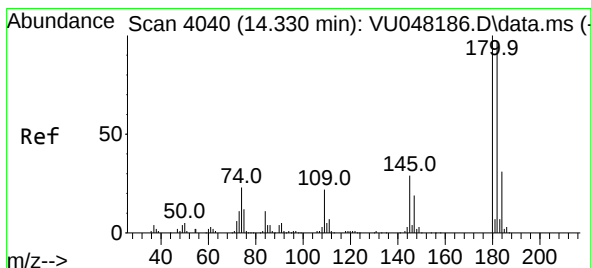
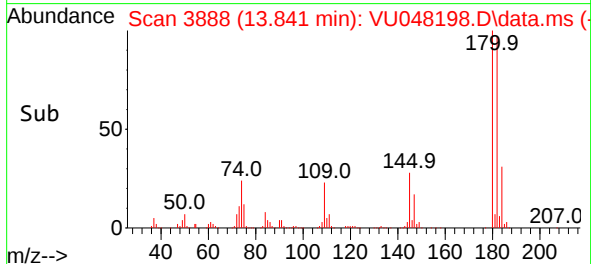
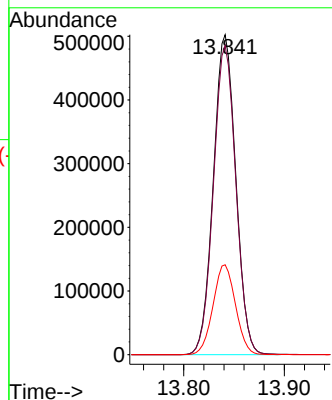
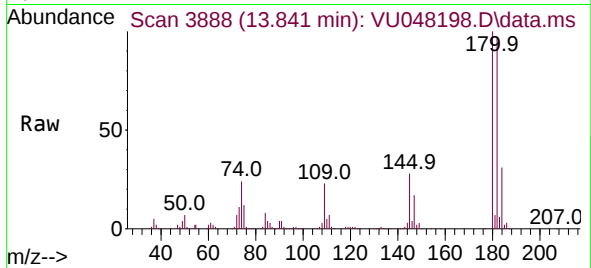




#70
1,2,4-trichlorobenzene
Concen: 184.370 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

Instrument :
MSVOA_V
ClientSampleId :
C0HX4

Tgt Ion:180 Resp: 779326
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.2
145 28.2 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 75.979 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048198.D
Acq: 22 Apr 2022 02:20

Tgt Ion:180 Resp: 321955
Ion Ratio Lower Upper
180 100
182 96.5 77.4 116.0
145 29.5 22.8 34.2

