

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048059.D
 Acq On : 14 Apr 2022 15:35
 Operator : SY/MD
 Sample : N2387-01 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J45

Quant Time: Apr 15 02:27:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

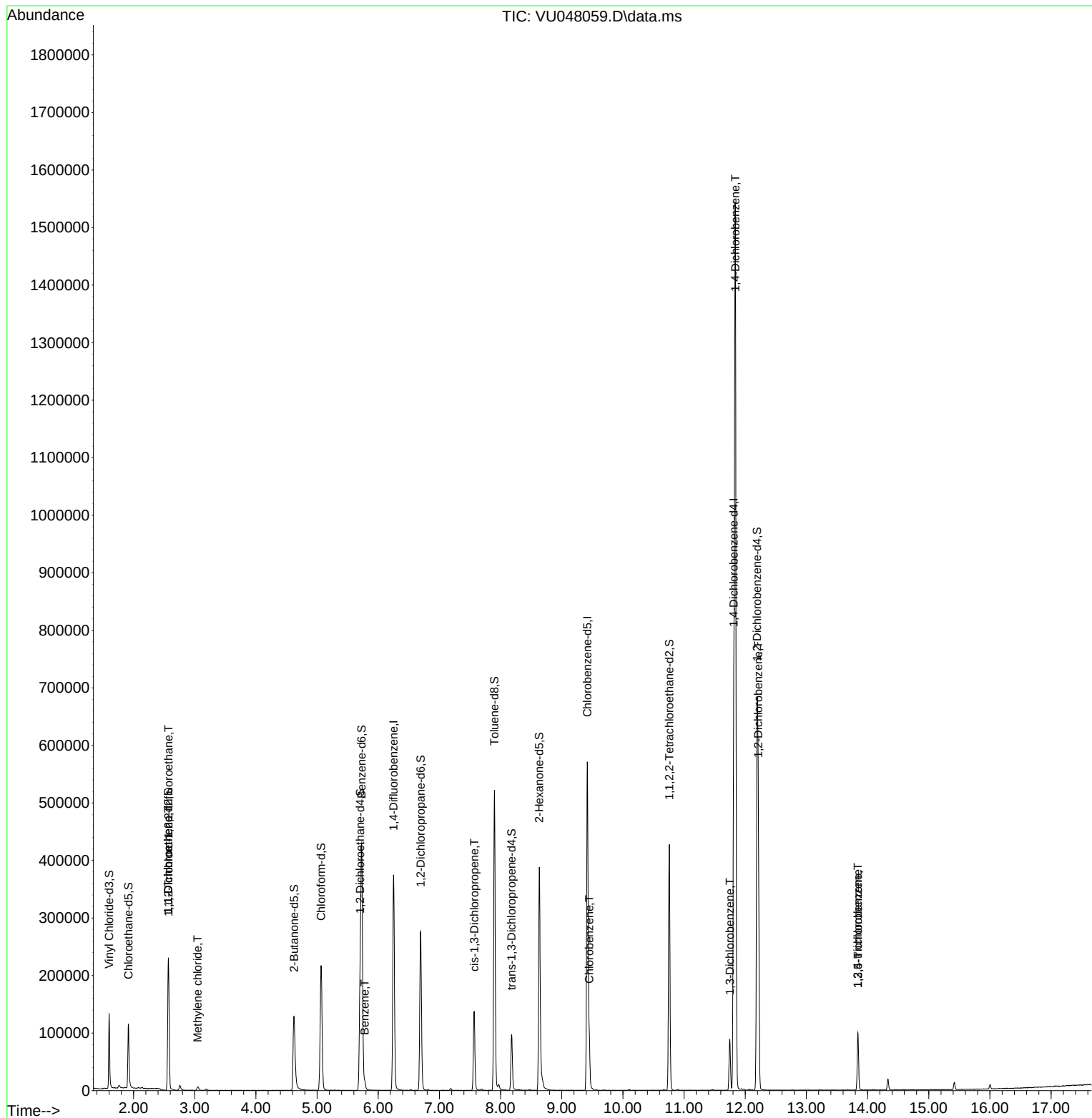
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317206	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	341034	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183067	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	95668	41.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.180%		
7) Chloroethane-d5	1.916	69	89672	49.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.880%		
11) 1,1-Dichloroethene-d2	2.568	63	132024	31.371	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.740%		
21) 2-Butanone-d5	4.623	46	190401	96.436	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.440%		
24) Chloroform-d	5.066	84	203847	48.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.860%		
26) 1,2-Dichloroethane-d4	5.703	65	132901	51.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.960%		
32) Benzene-d6	5.729	84	406356	47.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
36) 1,2-Dichloropropane-d6	6.693	67	135915	51.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.140%		
41) Toluene-d8	7.899	98	355470	42.516	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.040%		
43) trans-1,3-Dichloroprop...	8.179	79	56334	42.193	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.380%		
47) 2-Hexanone-d5	8.632	63	132960	86.182	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.180%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213311	47.163	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.320%		
66) 1,2-Dichlorobenzene-d4	12.195	152	164200	50.415	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1148	0.491	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1127	0.518	ug/L #	1
16) Methylene chloride	3.047	84	3580	1.434	ug/L	85
33) Benzene	5.777	78	11594	1.175	ug/L	100
39) cis-1,3-Dichloropropene	7.571	75	3321	0.853	ug/L #	58
51) Chlorobenzene	9.449	112	49832	6.776	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	40220	7.314	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	639768	112.318	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	172181	31.292	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	34110	7.637	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34110	8.719	ug/L	99

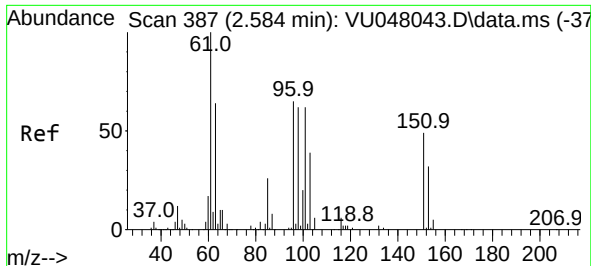
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048059.D
Acq On : 14 Apr 2022 15:35
Operator : SY/MD
Sample : N2387-01 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J45

Quant Time: Apr 15 02:27:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 02:23:12 2022
Response via : Initial Calibration





#10

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

Concen: 0.491 ug/L

RT: 2.571 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU048059.D

Acq: 14 Apr 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

C0J45

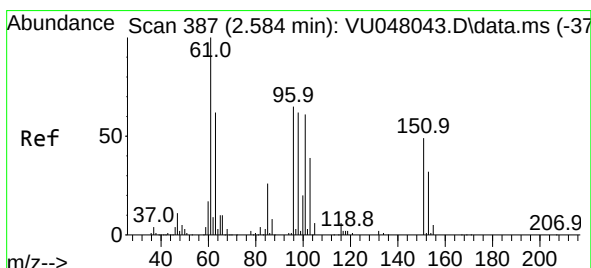
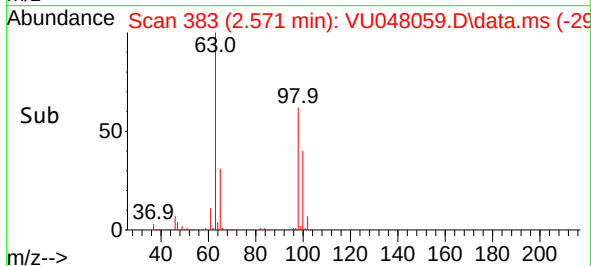
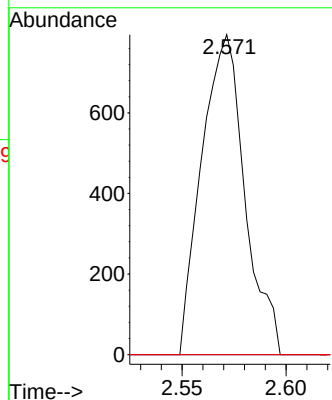
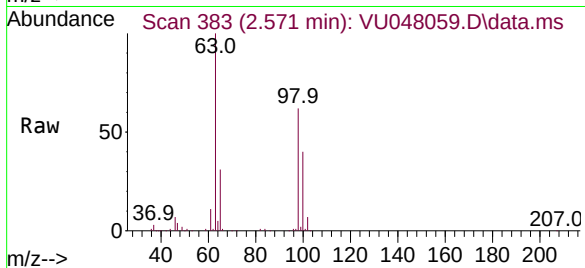
Tgt Ion:101 Resp: 1148

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: 0.518 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048059.D

Acq: 14 Apr 2022 15:35

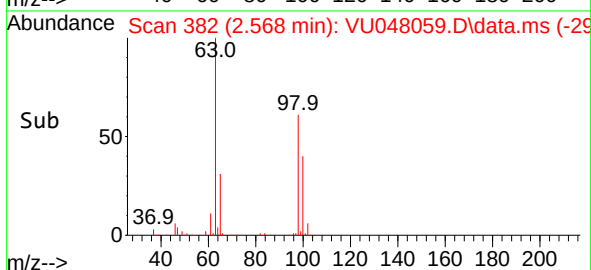
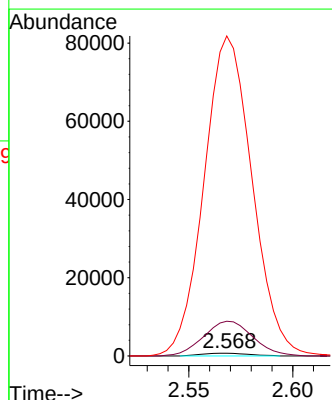
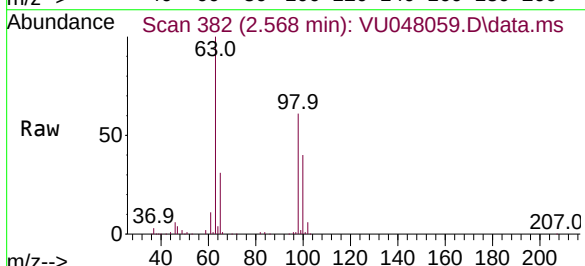
Tgt Ion: 96 Resp: 1127

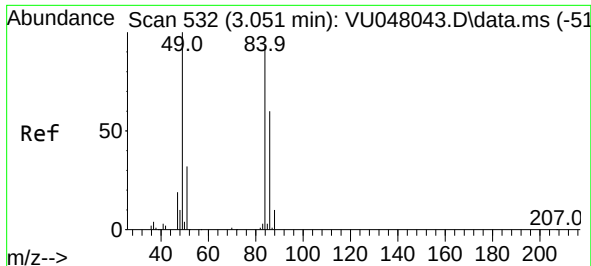
Ion Ratio Lower Upper

96 100

61 1267.2 113.1 210.1#

63 11655.8 94.8 176.0#

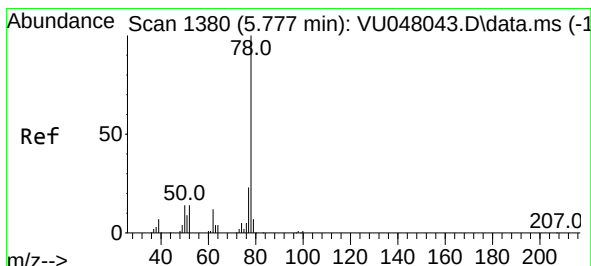
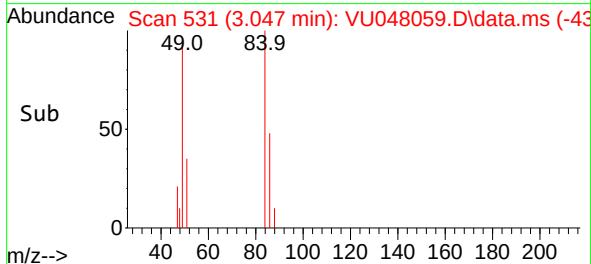
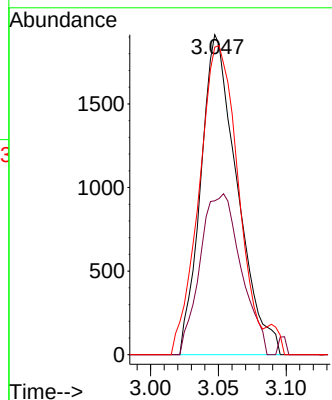
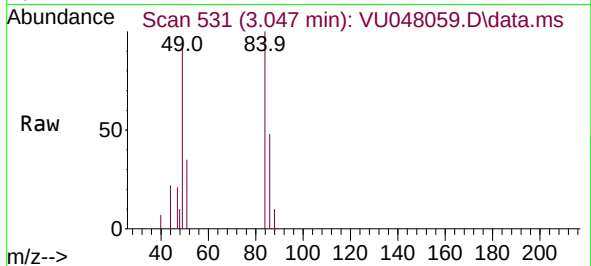




#16
Methylene chloride
Concen: 1.434 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048059.D
Acq: 14 Apr 2022 15:35

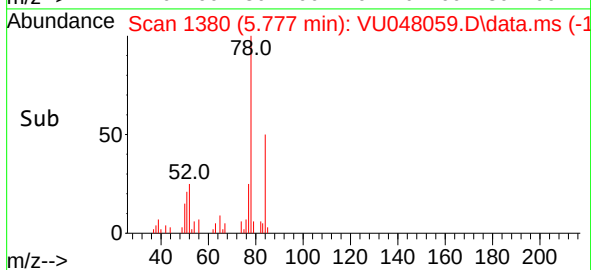
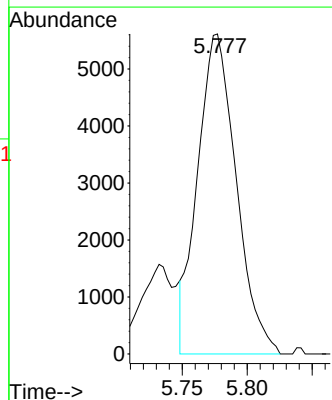
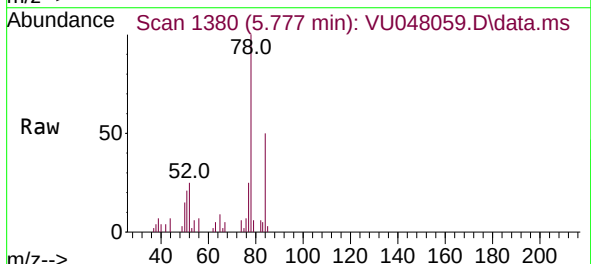
Instrument :
MSVOA_U
ClientSampleId :
C0J45

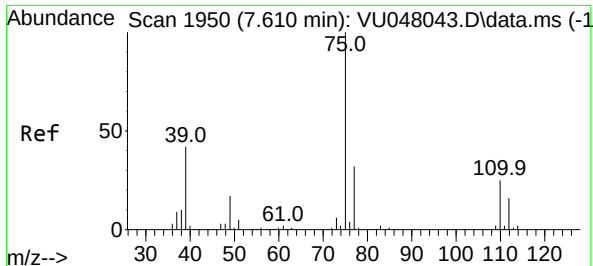
Tgt Ion: 84 Resp: 3580
Ion Ratio Lower Upper
84 100
86 48.1 46.0 85.4
49 96.1 75.3 139.8



#33
Benzene
Concen: 1.175 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048059.D
Acq: 14 Apr 2022 15:35

Tgt Ion: 78 Resp: 11594

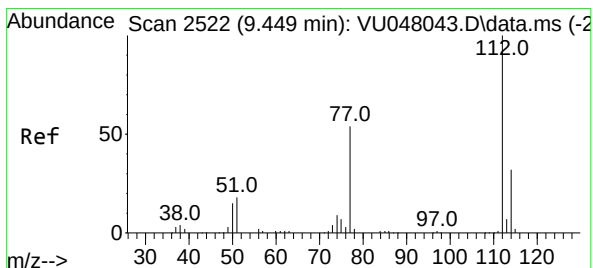
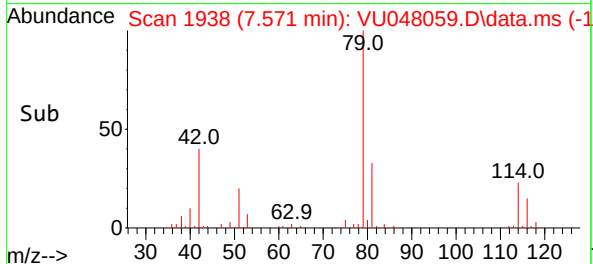
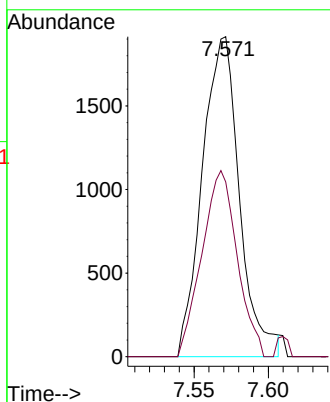
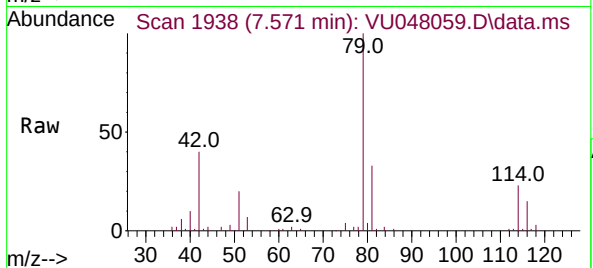




#39
 cis-1,3-Dichloropropene
 Concen: 0.853 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.039 min
 Lab File: VU048059.D
 Acq: 14 Apr 2022 15:35

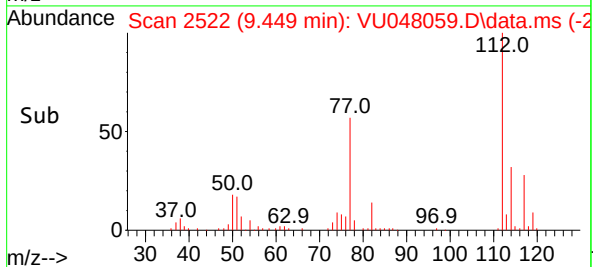
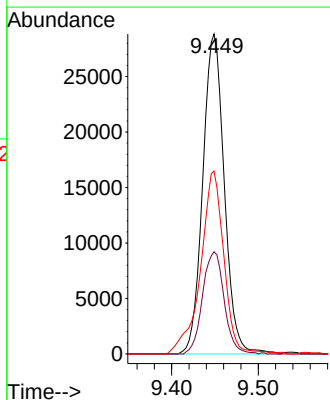
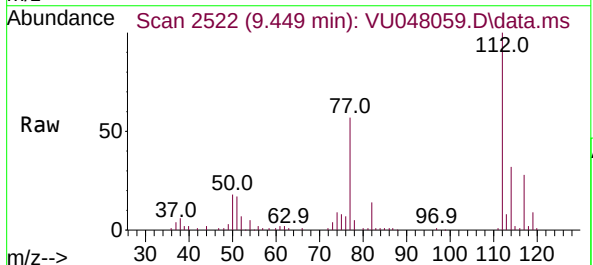
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J45

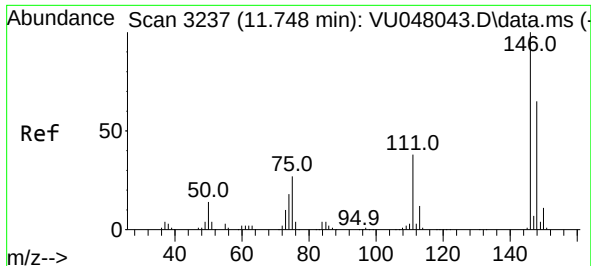
Tgt Ion: 75 Resp: 3321
 Ion Ratio Lower Upper
 75 100
 77 54.6 21.8 40.6#



#51
 Chlorobenzene
 Concen: 6.776 ug/L
 RT: 9.449 min Scan# 2522
 Delta R.T. -0.000 min
 Lab File: VU048059.D
 Acq: 14 Apr 2022 15:35

Tgt Ion: 112 Resp: 49832
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.1 41.1
 77 57.2 43.4 65.0

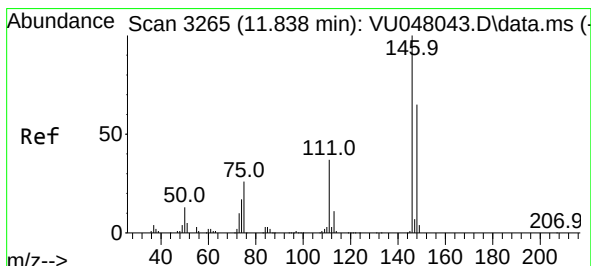
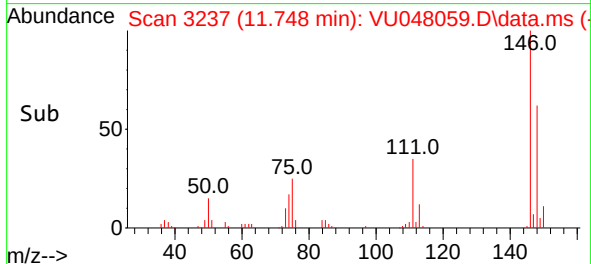
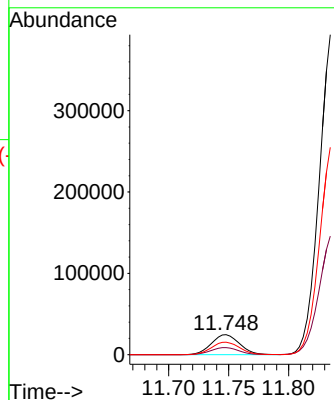
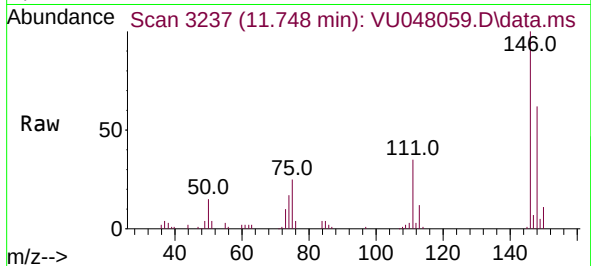




#64
1,3-Dichlorobenzene
Concen: 7.314 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048059.D
Acq: 14 Apr 2022 15:35

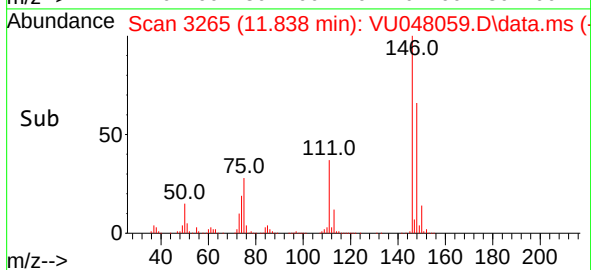
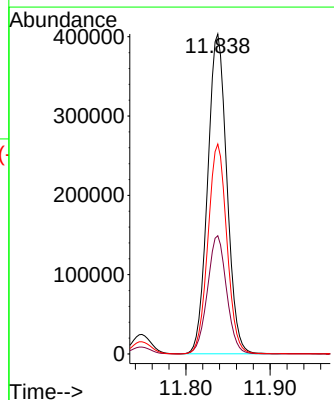
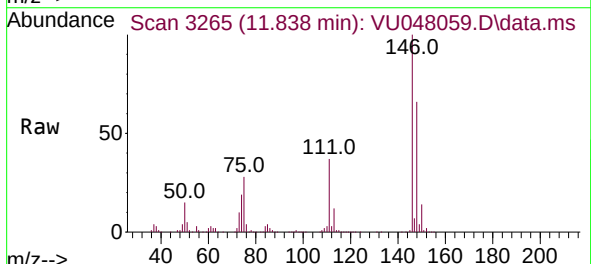
Instrument :
MSVOA_U
ClientSampleId :
C0J45

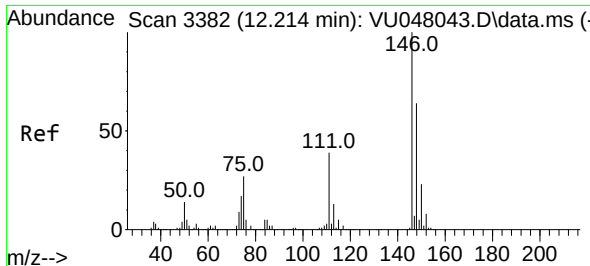
Tgt Ion:146 Resp: 40220
Ion Ratio Lower Upper
146 100
111 35.3 26.7 49.7
148 62.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 112.318 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048059.D
Acq: 14 Apr 2022 15:35

Tgt Ion:146 Resp: 639768
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 65.6 44.5 82.7

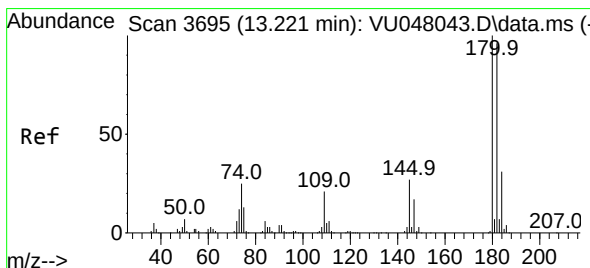
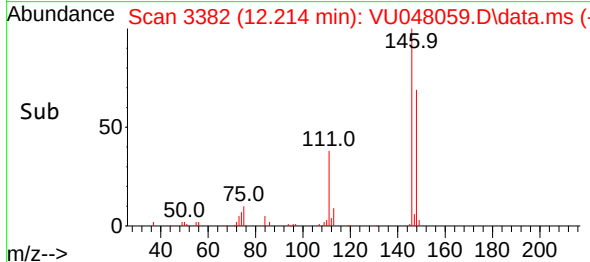
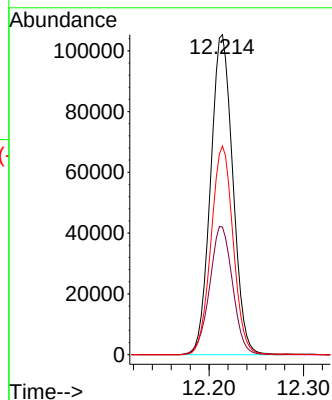
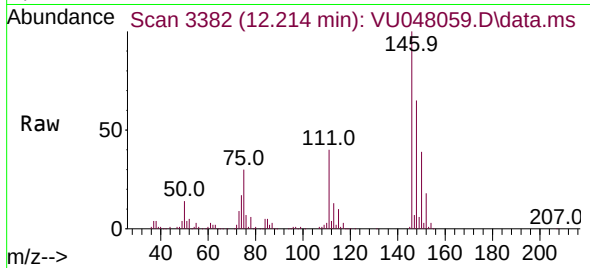




#67
1,2-Dichlorobenzene
Concen: 31.292 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048059.D
Acq: 14 Apr 2022 15:35

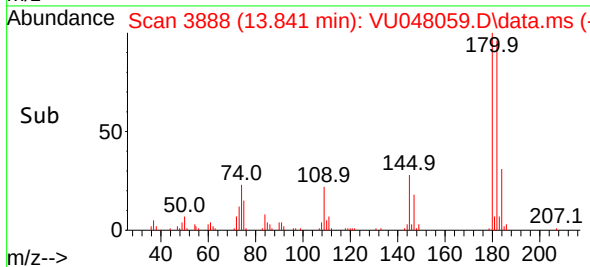
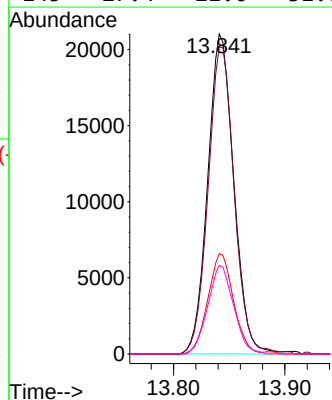
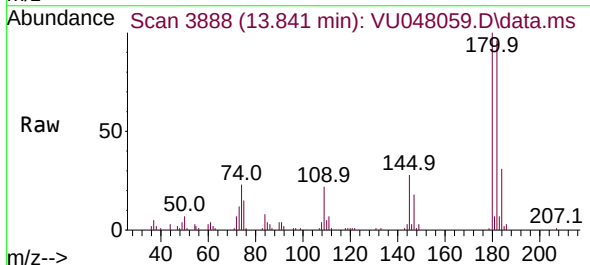
Instrument :
MSVOA_U
ClientSampleId :
C0J45

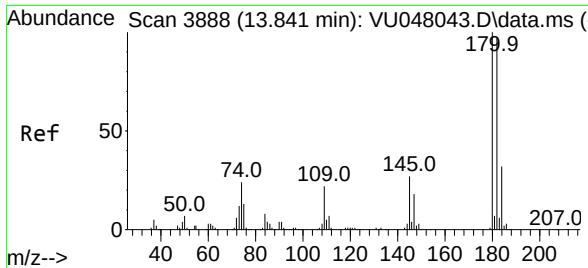
Tgt Ion:146 Resp: 172181
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 65.2 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 7.637 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.620 min
Lab File: VU048059.D
Acq: 14 Apr 2022 15:35

Tgt Ion:180 Resp: 34110
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
184 30.8 24.5 36.7
145 27.4 21.0 31.6





#70

1,2,4-trichlorobenzene

Concen: 8.719 ug/L

RT: 13.841 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048059.D

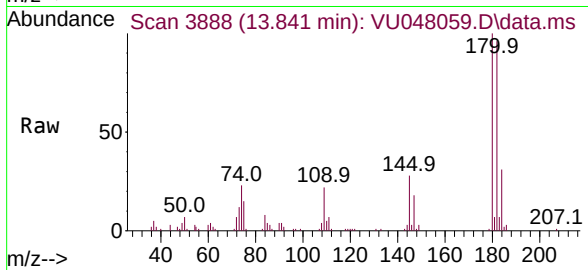
Acq: 14 Apr 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

C0J45



Tgt Ion:	180	Resp:	34110
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.2	114.2
145	27.4	21.8	32.8

