

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048209.D
 Acq On : 22 Apr 2022 07:09
 Operator : SY/MD
 Sample : N2488-11 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHZ4

Quant Time: Apr 22 07:44:10 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)

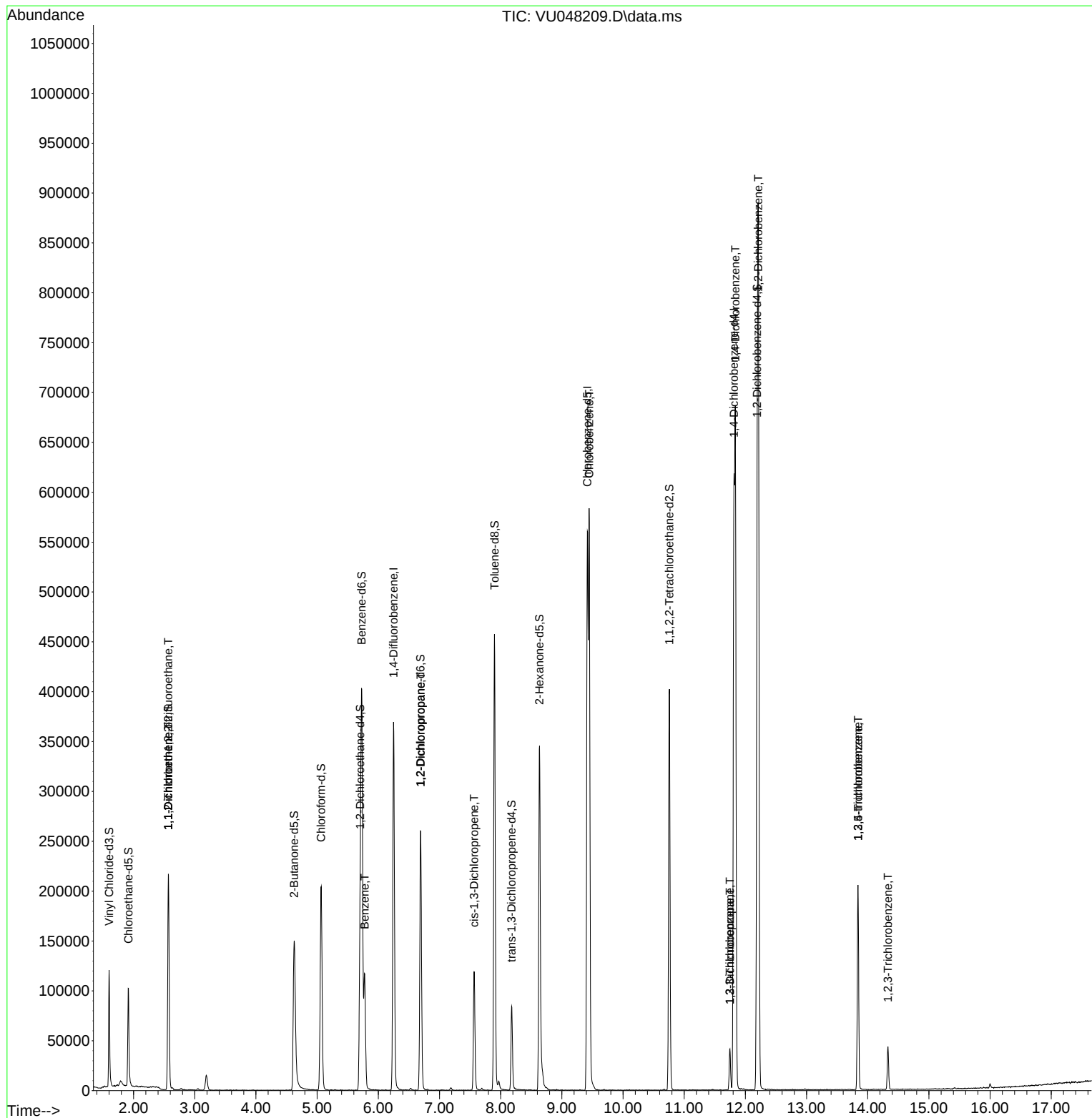
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	316073	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	332770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	89271	38.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.900%
7) Chloroethane-d5	1.916	69	77438	42.848	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.700%
11) 1,1-Dichloroethene-d2	2.568	63	124500	29.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.380%#
21) 2-Butanone-d5	4.623	46	190288	96.725	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.720%
24) Chloroform-d	5.067	84	195976	46.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
26) 1,2-Dichloroethane-d4	5.703	65	119876	46.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
32) Benzene-d6	5.729	84	386044	46.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.690	67	130986	50.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.880%
41) Toluene-d8	7.899	98	314949	38.605	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.220%#
43) trans-1,3-Dichloroprop...	8.179	79	49469	37.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.940%
47) 2-Hexanone-d5	8.632	63	118234	78.540	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202772	45.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	148324	51.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.220%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1235	0.530	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1015	0.468	ug/L #	1
33) Benzene	5.777	78	112785	11.709	ug/L	100
37) 1,2-Dichloropropane	6.694	63	12429	5.076	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2612	0.687	ug/L #	44
51) Chlorobenzene	9.449	112	322321	44.916	ug/L	98
60) 1,2,3-Trichloropropane	11.748	75	4608	1.513	ug/L #	47
64) 1,3-Dichlorobenzene	11.748	146	19103	3.937	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	276476	55.010	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	326320	67.212	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	69838	17.722	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	69838	20.233	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	14908	4.308	ug/L	96

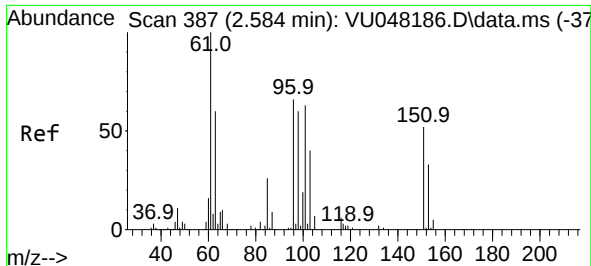
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048209.D
Acq On : 22 Apr 2022 07:09
Operator : SY/MD
Sample : N2488-11 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0HZ4

Quant Time: Apr 22 07:44:10 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

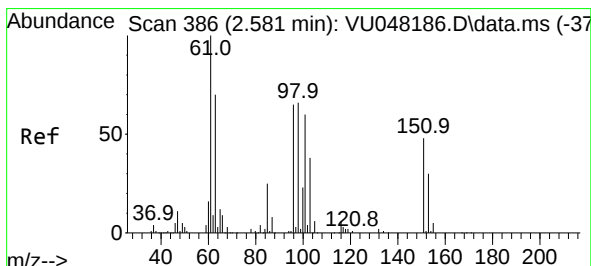
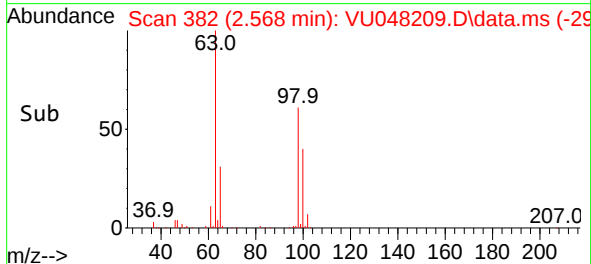
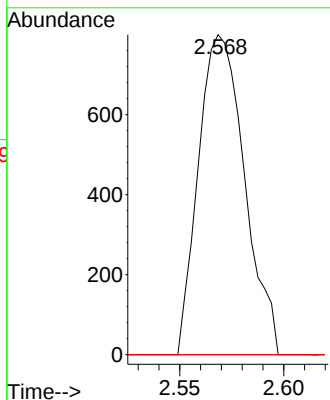
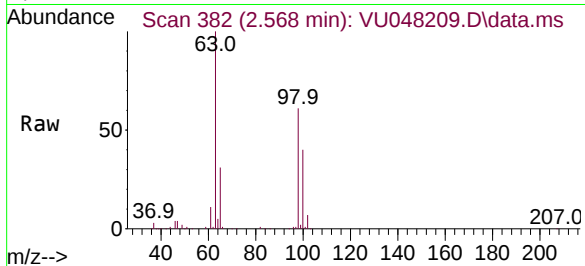




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.530 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

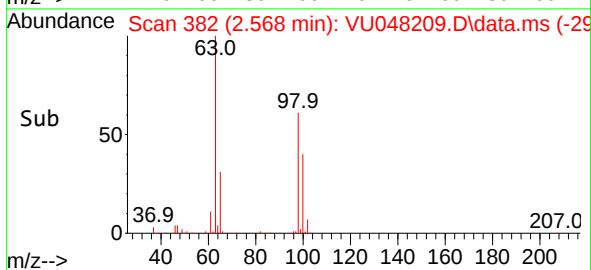
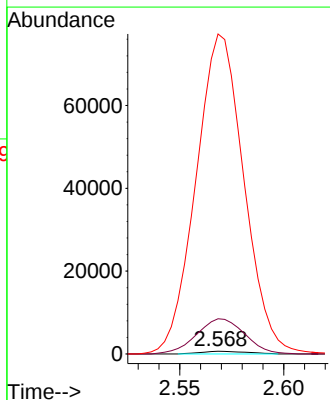
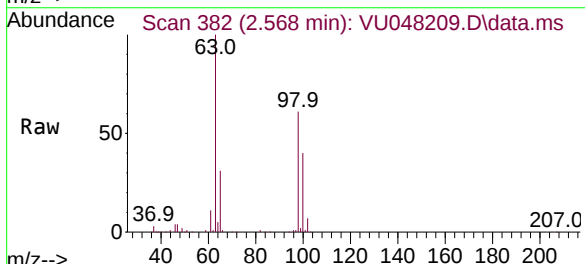
Instrument :
MSVOA_V
ClientSampleId :
C0HZ4

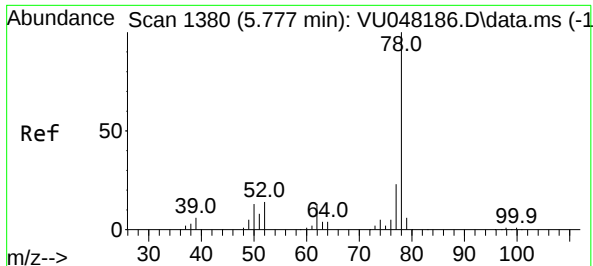
Tgt Ion:101 Resp: 1235
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.468 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

Tgt Ion: 96 Resp: 1015
Ion Ratio Lower Upper
96 100
61 1319.1 113.1 210.1#
63 12000.0 94.8 176.0#

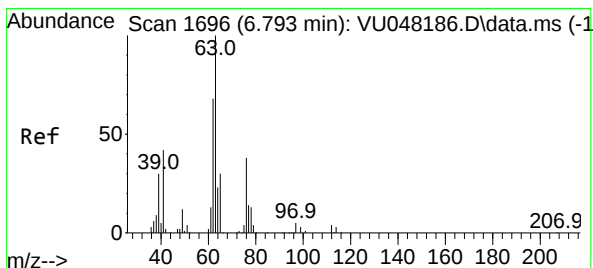
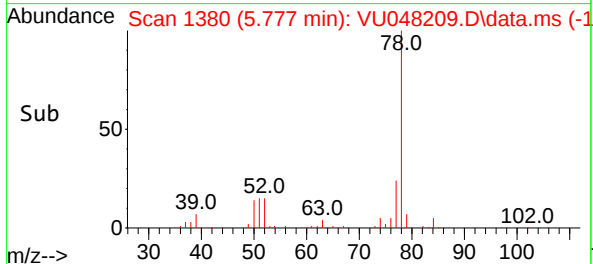
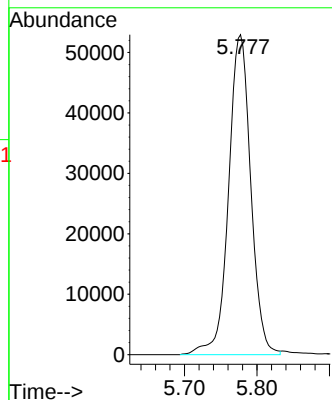
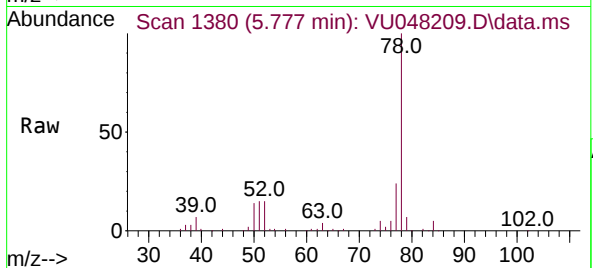




#33
Benzene
Concen: 11.709 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

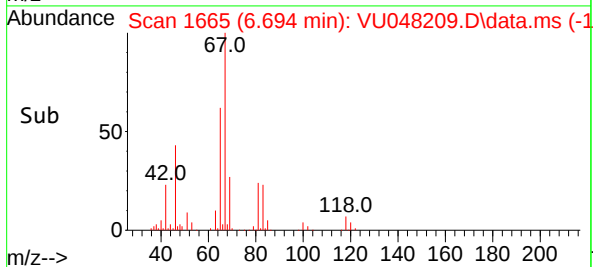
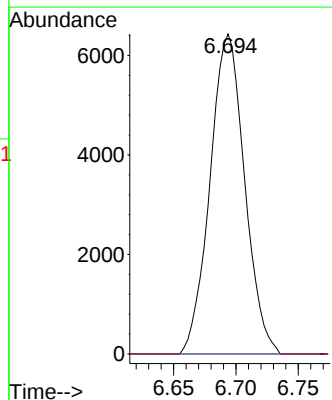
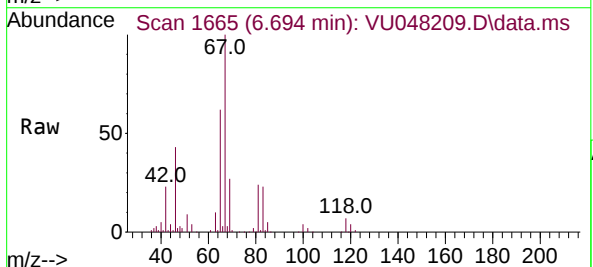
Instrument :
MSVOA_V
ClientSampleId :
C0HZ4

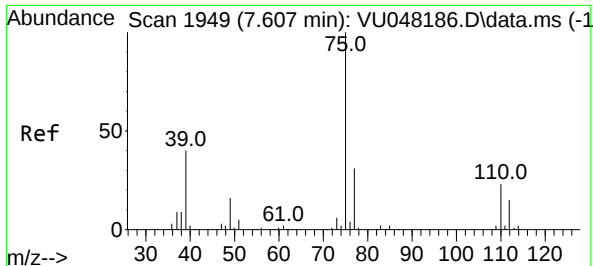
Tgt Ion: 78 Resp: 112785



#37
1,2-Dichloropropane
Concen: 5.076 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

Tgt Ion: 63 Resp: 12429
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048209.D

Acq: 22 Apr 2022 07:09

Instrument :

MSVOA_V

ClientSampleId :

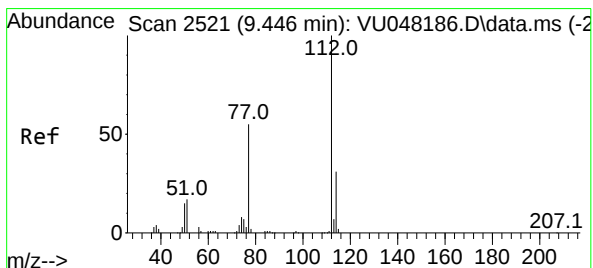
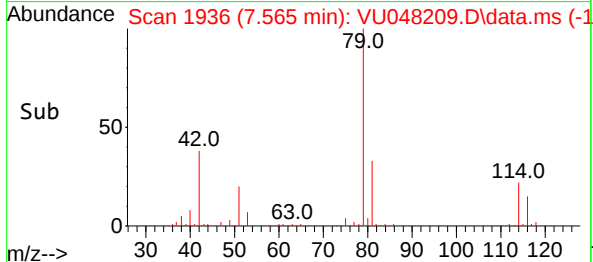
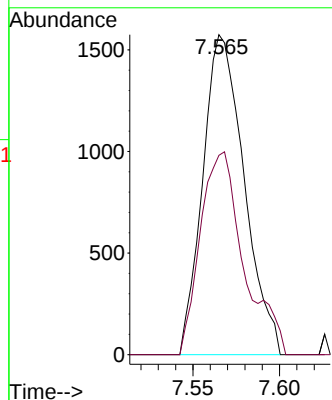
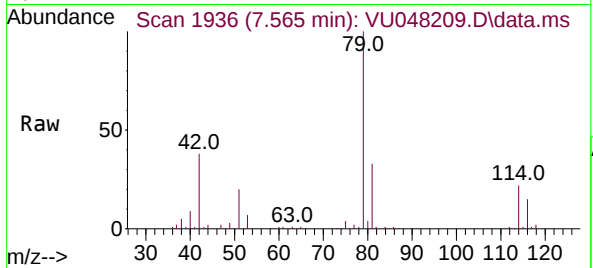
C0HZ4

Tgt Ion: 75 Resp: 2612

Ion Ratio Lower Upper

75 100

77 62.3 21.8 40.6#



#51

Chlorobenzene

Concen: 44.916 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048209.D

Acq: 22 Apr 2022 07:09

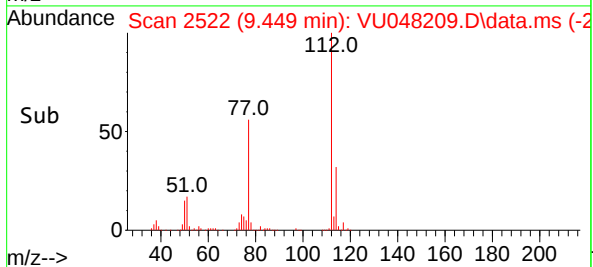
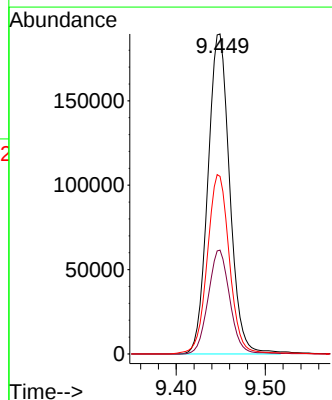
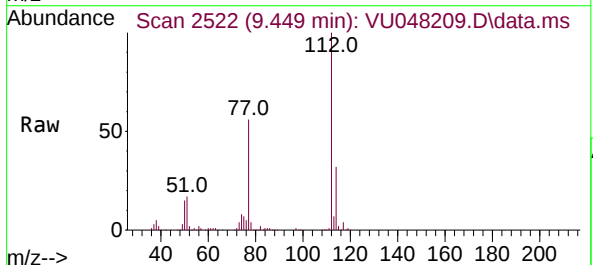
Tgt Ion: 112 Resp: 322321

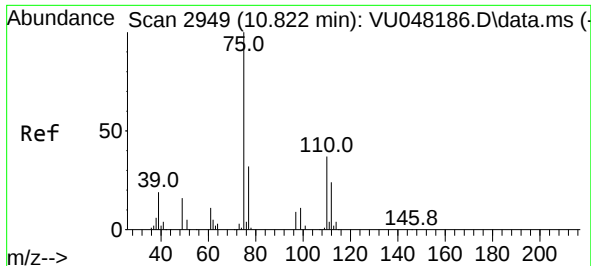
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 55.5 43.4 65.0

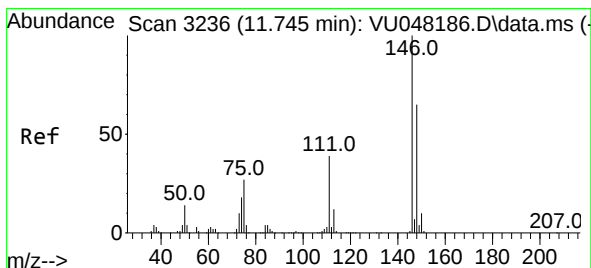
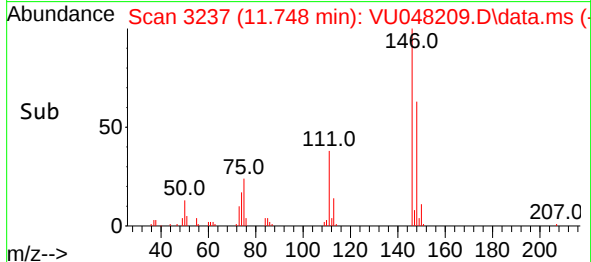
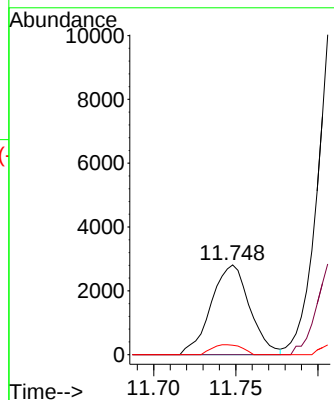
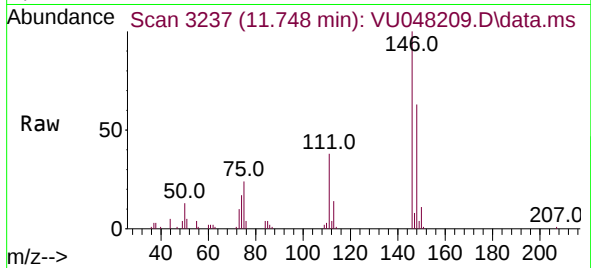




#60
1,2,3-Trichloropropane
Concen: 1.513 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.926 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

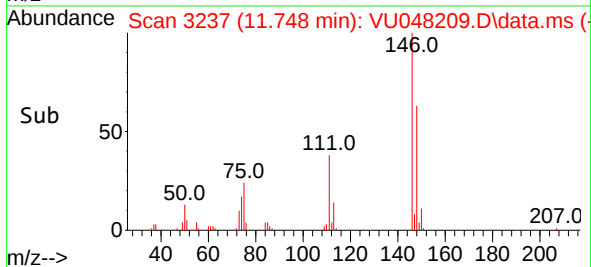
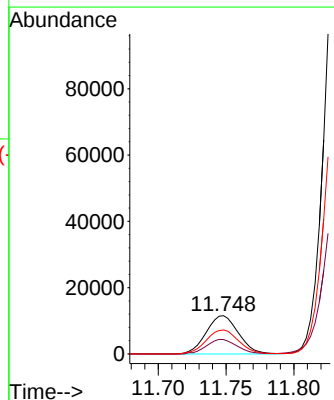
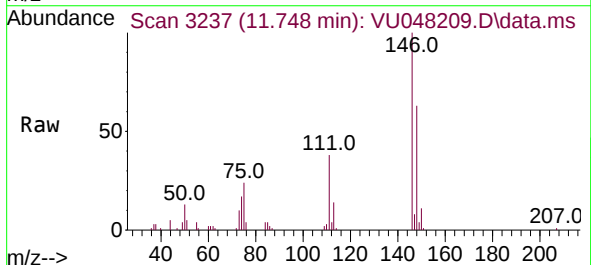
Instrument :
MSVOA_V
ClientSampleId :
C0HZ4

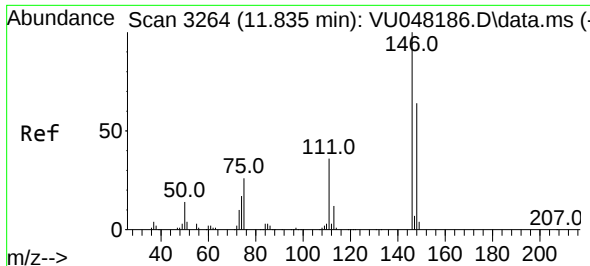
Tgt Ion: 75 Resp: 4608
Ion Ratio Lower Upper
75 100
77 1.0 26.0 39.0#
110 8.6 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 3.937 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

Tgt Ion:146 Resp: 19103
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 62.7 44.4 82.5

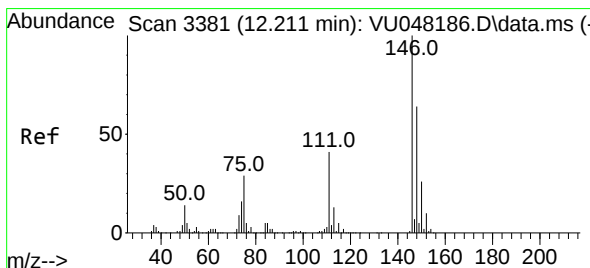
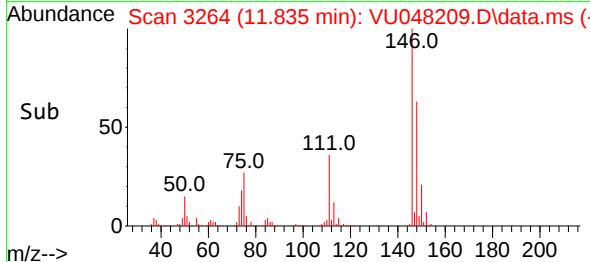
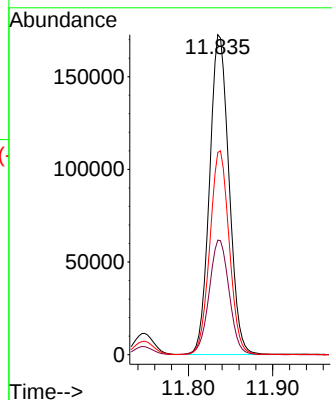
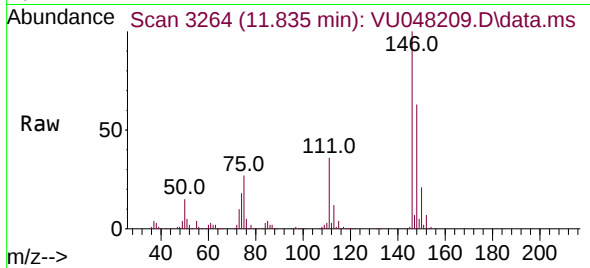




#65
1,4-Dichlorobenzene
Concen: 55.010 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

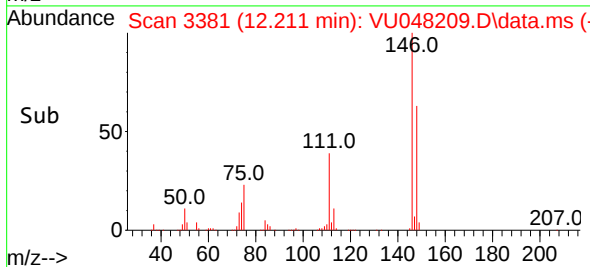
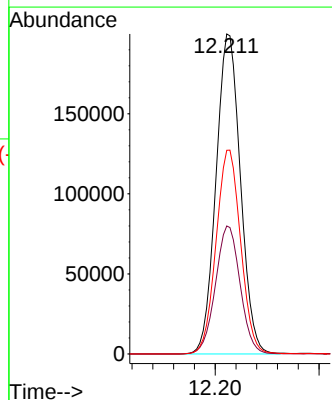
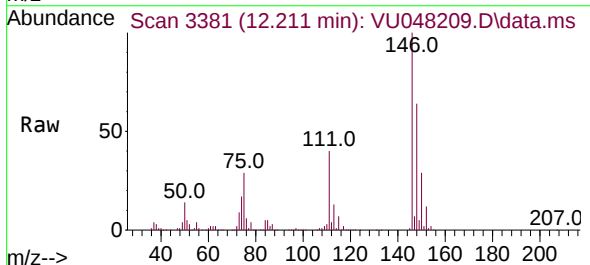
Instrument :
MSVOA_V
ClientSampleId :
COHZ4

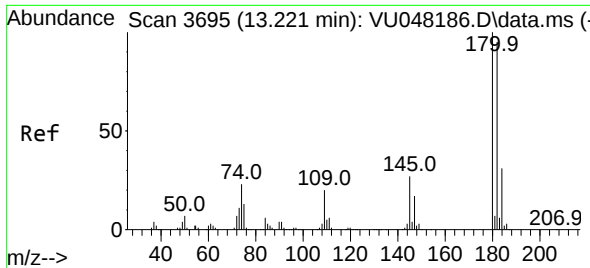
Tgt Ion:146 Resp: 276476
Ion Ratio Lower Upper
146 100
111 35.8 25.3 47.1
148 63.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 67.212 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048209.D
Acq: 22 Apr 2022 07:09

Tgt Ion:146 Resp: 326320
Ion Ratio Lower Upper
146 100
111 40.0 31.7 47.5
148 63.7 51.4 77.2



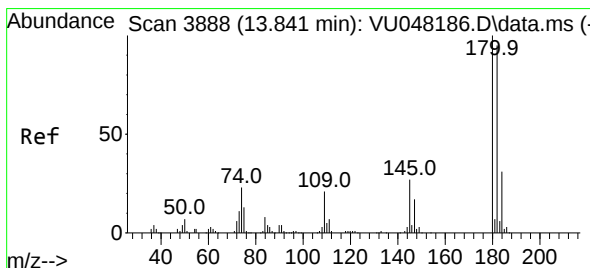
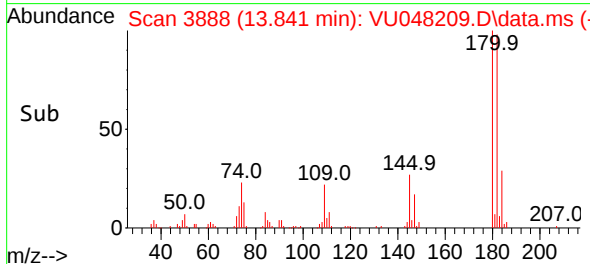
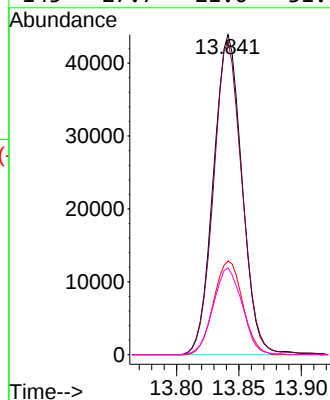
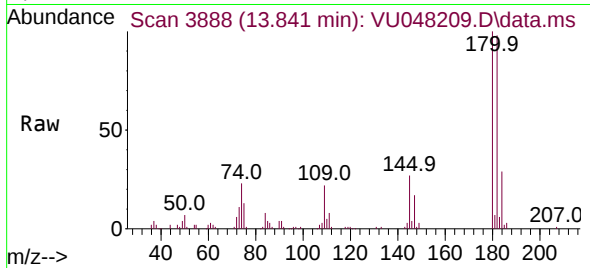


#69
 1,3,5-Trichlorobenzene
 Concen: 17.722 ug/L
 RT: 13.841 min Scan# 31
 Delta R.T. 0.621 min
 Lab File: VU048209.D
 Acq: 22 Apr 2022 07:09

Instrument :
 MSVOA_V
 ClientSampleId :
 COHZ4

Tgt Ion:180 Resp: 69838

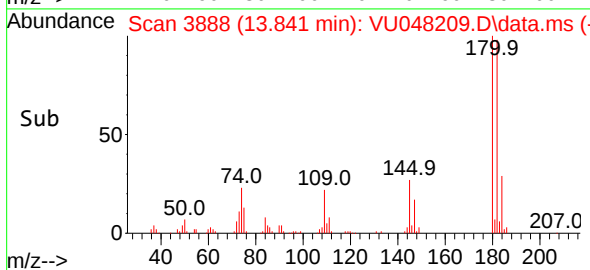
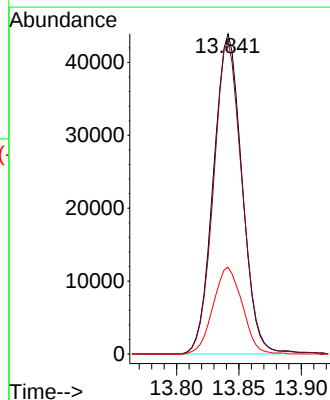
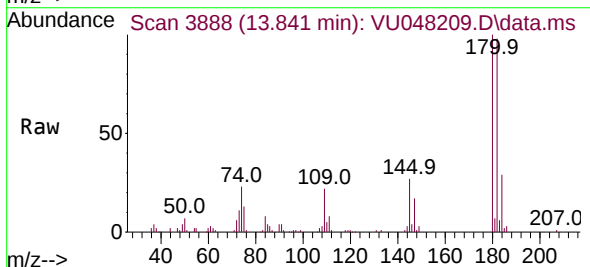
Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.0	115.6
184	29.9	24.5	36.7
145	27.7	21.0	31.6

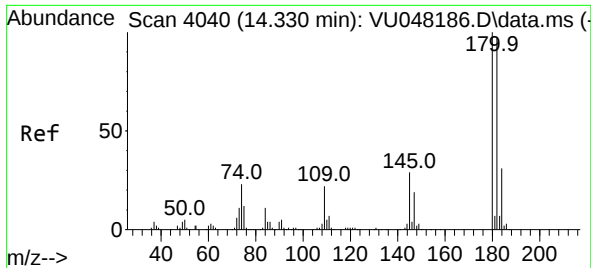


#70
 1,2,4-trichlorobenzene
 Concen: 20.233 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048209.D
 Acq: 22 Apr 2022 07:09

Tgt Ion:180 Resp: 69838

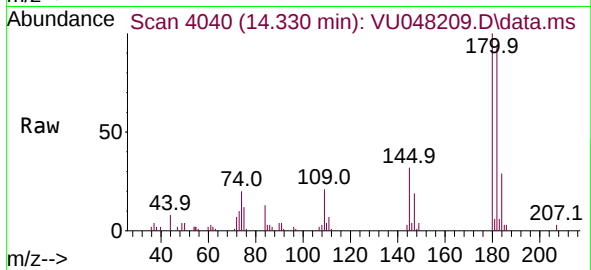
Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.2	114.2
145	27.7	21.8	32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 4.308 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU048209.D
 Acq: 22 Apr 2022 07:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HZ4



Tgt Ion:	180	Resp:	14908
Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.4	116.0
145	31.2	22.8	34.2

