

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048246.D
 Acq On : 23 Apr 2022 15:14
 Operator : SY/MD
 Sample : N2488-06DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 25 01:26:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

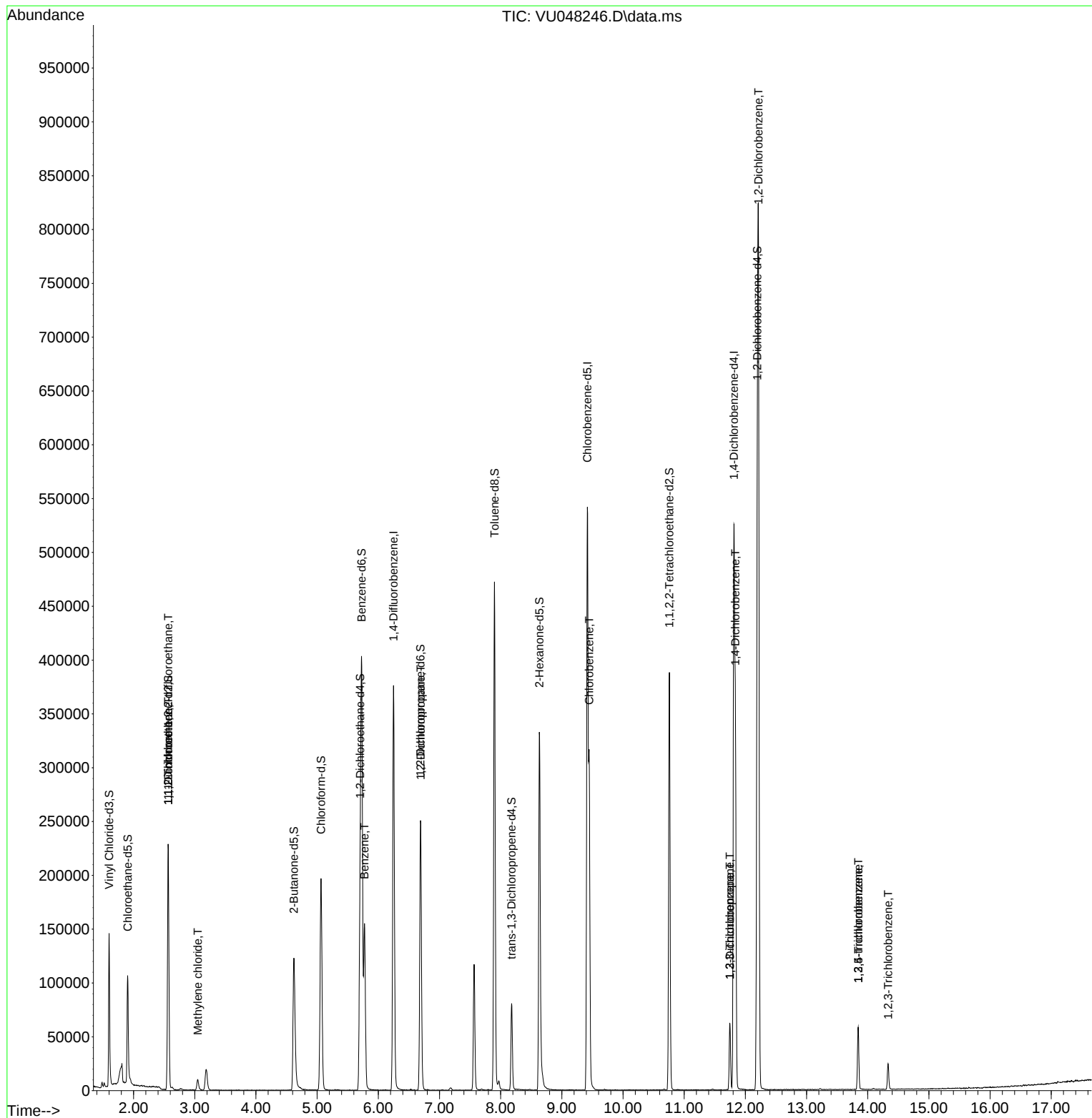
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

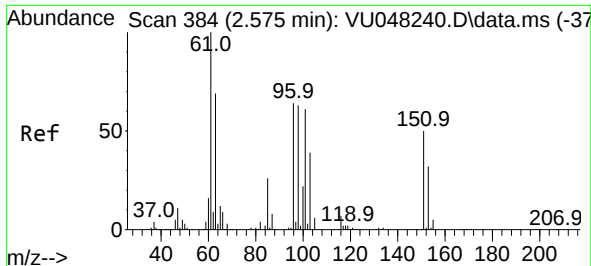
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	321561	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	315827	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144325	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108986	46.738	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.480%
7) Chloroethane-d5	1.903	69	86958	47.294	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.580%
11) 1,1-Dichloroethene-d2	2.565	63	128956	30.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.460%
21) 2-Butanone-d5	4.620	46	174451	87.161	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.160%
24) Chloroform-d	5.063	84	185505	43.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
26) 1,2-Dichloroethane-d4	5.703	65	117289	44.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
32) Benzene-d6	5.729	84	383924	48.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
36) 1,2-Dichloropropane-d6	6.690	67	126488	51.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.660%
41) Toluene-d8	7.899	98	321262	41.492	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.980%
43) trans-1,3-Dichloroprop...	8.179	79	46484	37.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.180%
47) 2-Hexanone-d5	8.632	63	114200	79.930	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.930%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	194968	46.548	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	127792	49.769	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1223	0.516	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1188	0.539	ug/L #	1
16) Methylene chloride	3.047	84	5384	2.127	ug/L	94
33) Benzene	5.774	78	150677	16.482	ug/L	100
37) 1,2-Dichloropropane	6.694	63	12147	5.227	ug/L #	87
51) Chlorobenzene	9.446	112	164136	24.100	ug/L	99
60) 1,2,3-Trichloropropane	11.748	75	7003	2.574	ug/L #	47
64) 1,3-Dichlorobenzene	11.748	146	27592	6.364	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	142342	31.698	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	306624	70.683	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	20306	5.767	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	20306	6.584	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	9272	2.999	ug/L	94

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

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

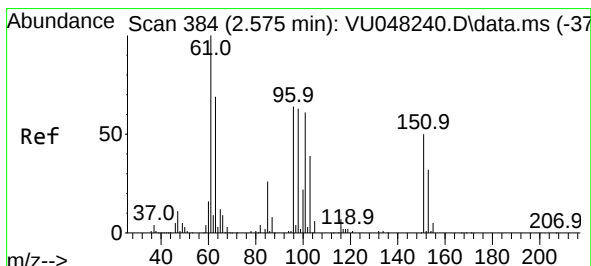
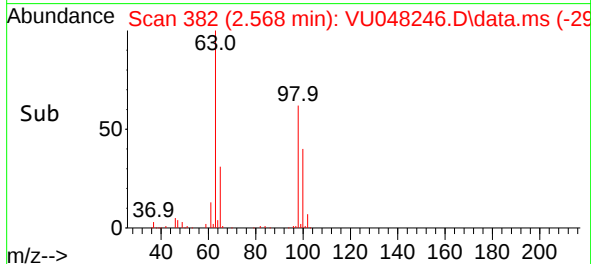
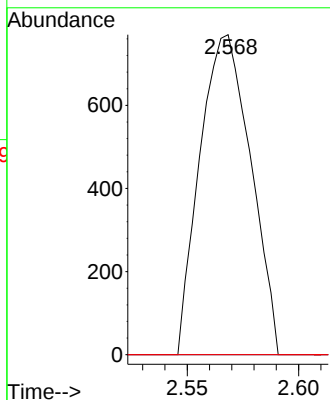
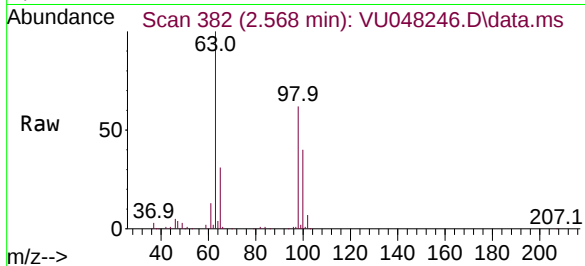
Quant Time: Apr 25 01:26:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 25 01:24:32 2022
Response via : Initial Calibration





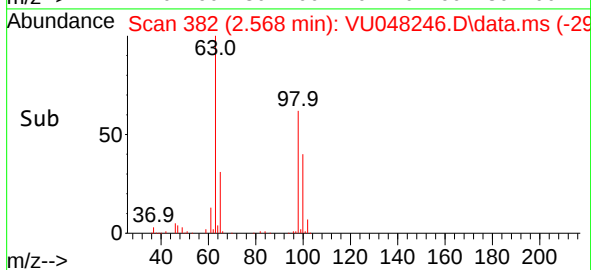
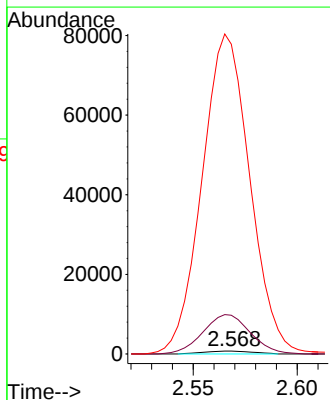
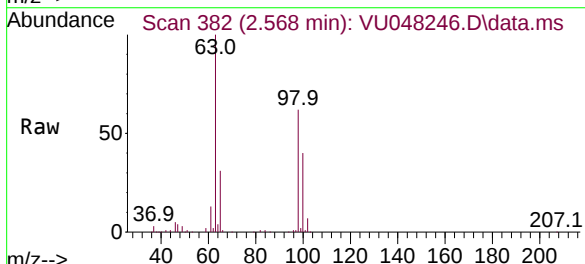
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.516 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.006 min
 Lab File: VU048246.D
 Acq: 23 Apr 2022 15:14

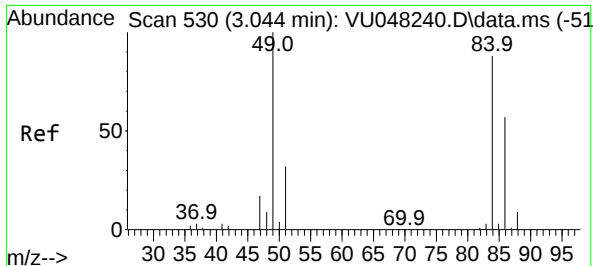
Tgt Ion:101 Resp: 1223
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.539 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.006 min
 Lab File: VU048246.D
 Acq: 23 Apr 2022 15:14

Tgt Ion: 96 Resp: 1188
 Ion Ratio Lower Upper
 96 100
 61 1360.0 113.1 210.1#
 63 10854.1 94.8 176.0#

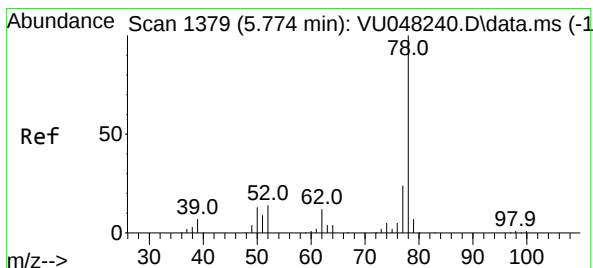
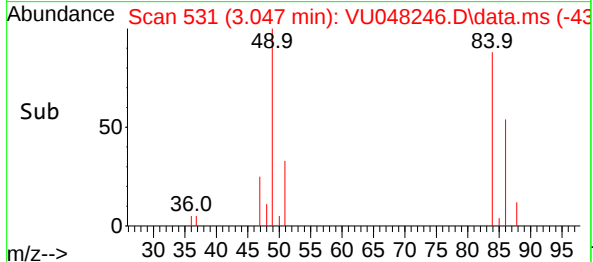
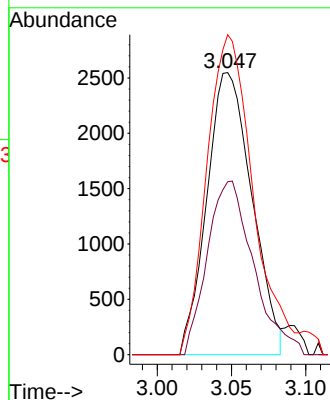
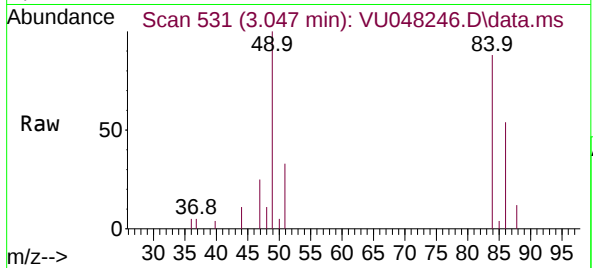




#16
Methylene chloride
Concen: 2.127 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

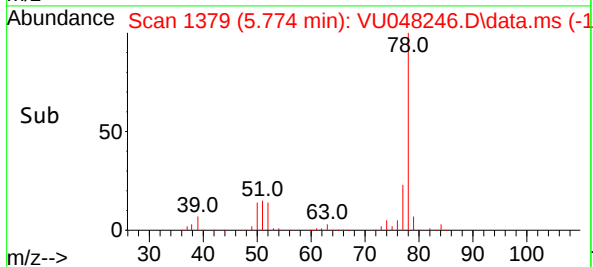
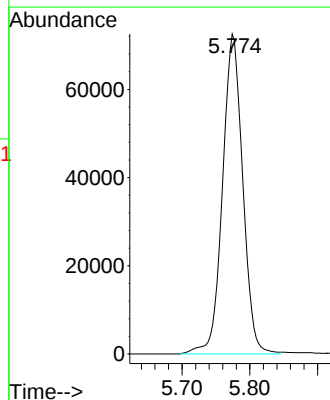
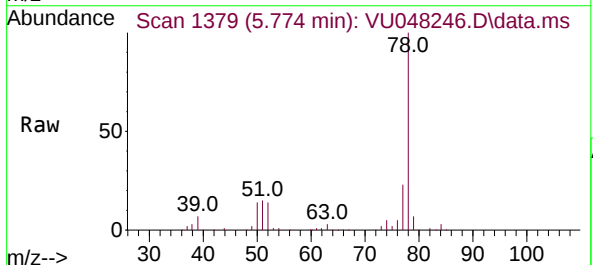
Tgt Ion: 84 Resp: 5384

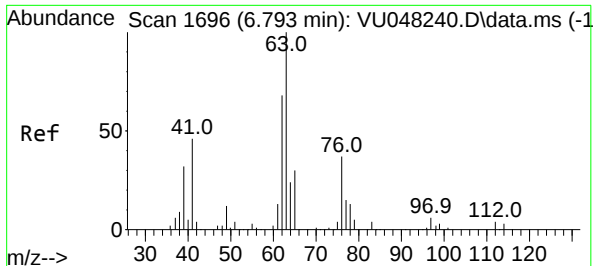
Ion	Ratio	Lower	Upper
84	100		
86	61.3	46.0	85.4
49	113.5	75.3	139.8



#33
Benzene
Concen: 16.482 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

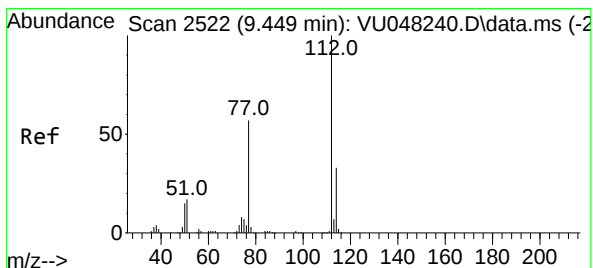
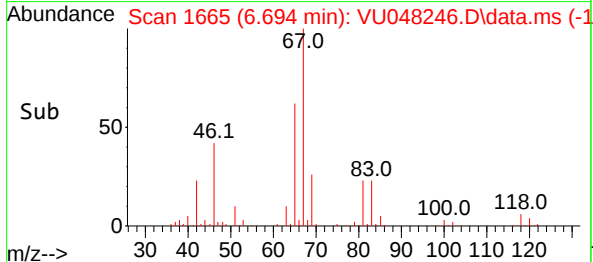
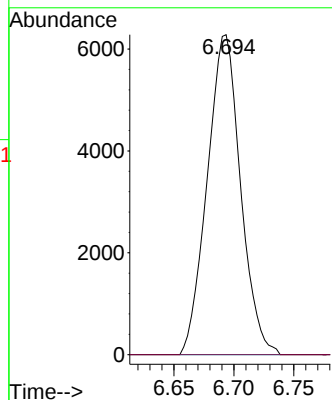
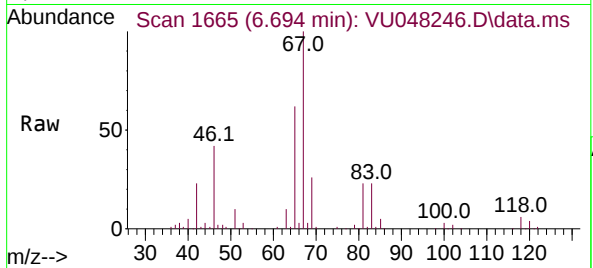
Tgt Ion: 78 Resp: 150677





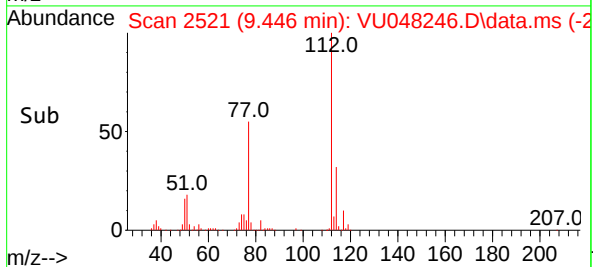
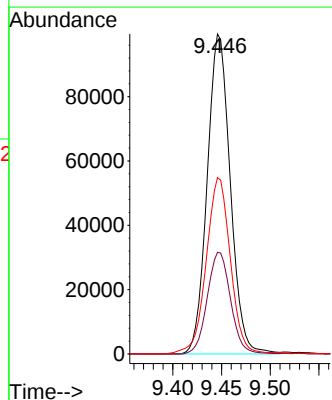
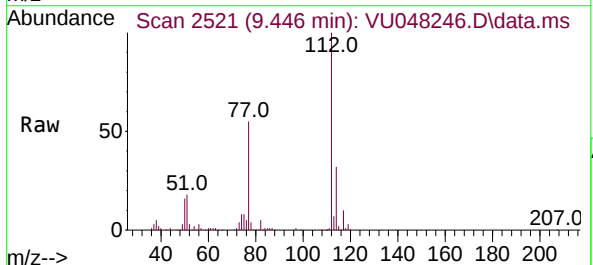
#37
1,2-Dichloropropane
Concen: 5.227 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

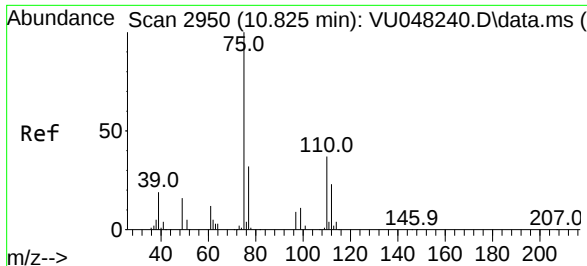
Tgt Ion: 63 Resp: 12147
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#51
Chlorobenzene
Concen: 24.100 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

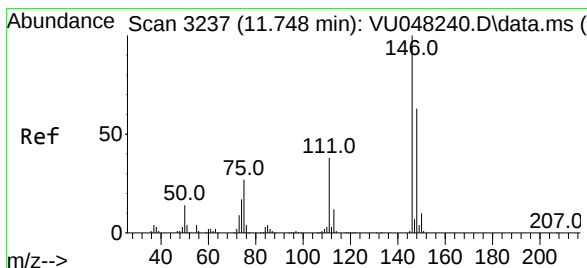
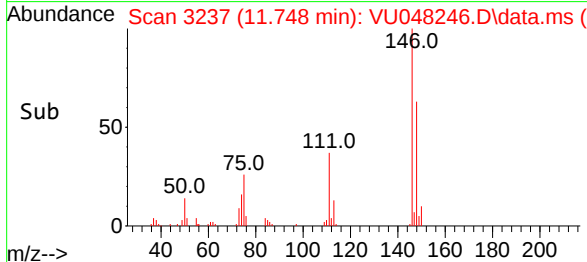
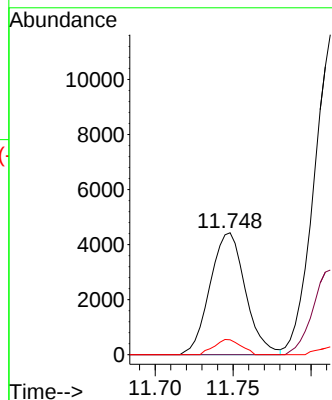
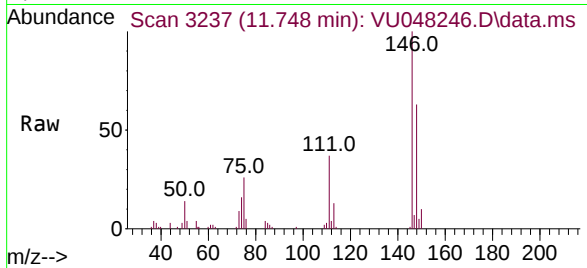
Tgt Ion: 112 Resp: 164136
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 55.1 43.4 65.0





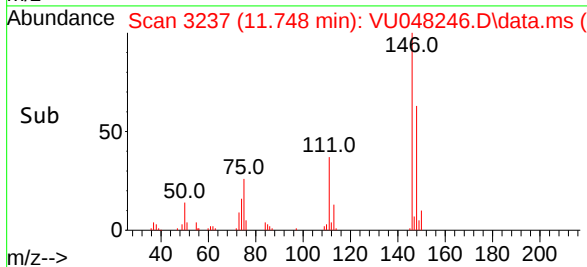
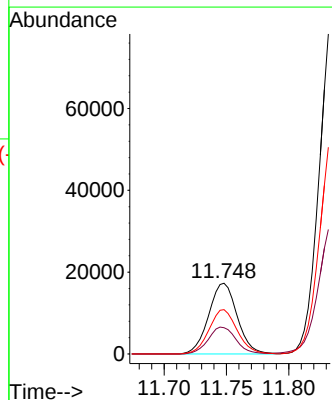
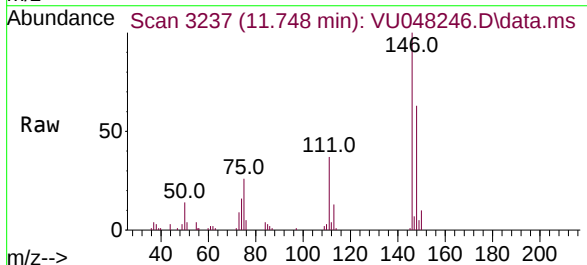
#60
1,2,3-Trichloropropane
Concen: 2.574 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.923 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

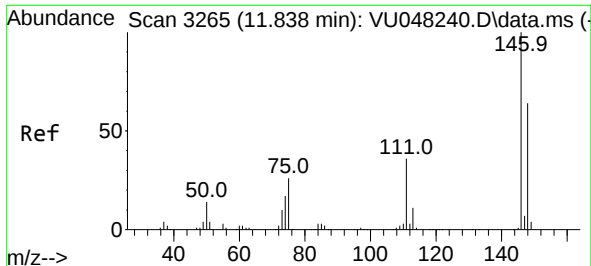
Tgt Ion: 75 Resp: 7003
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 9.4 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 6.364 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

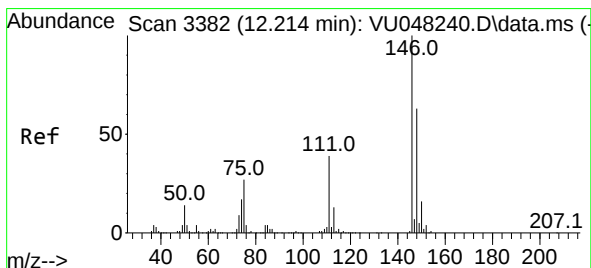
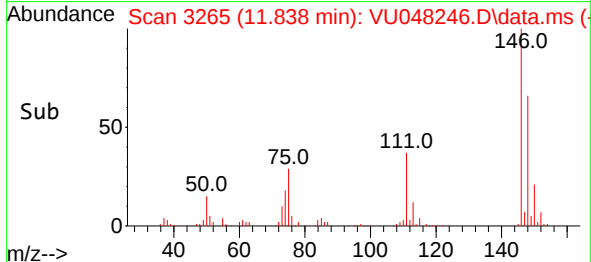
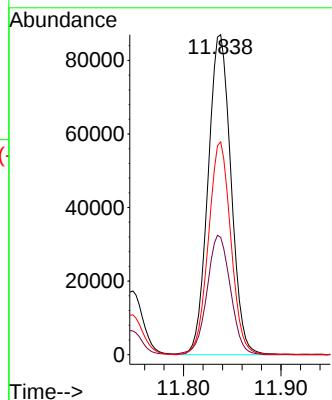
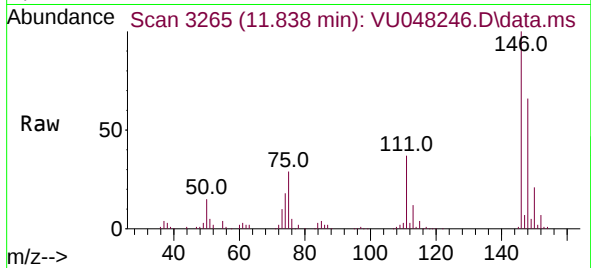
Tgt Ion:146 Resp: 27592
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.7
148 62.7 44.4 82.5





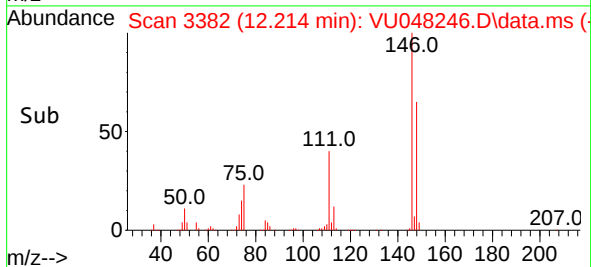
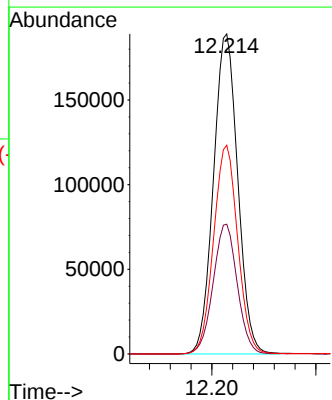
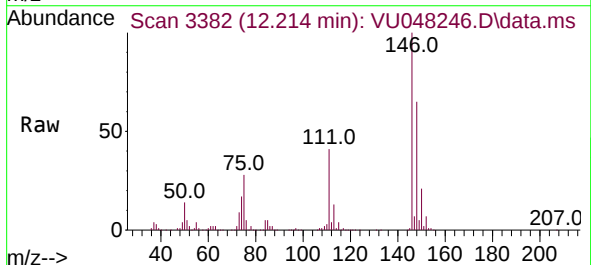
#65
1,4-Dichlorobenzene
Concen: 31.698 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

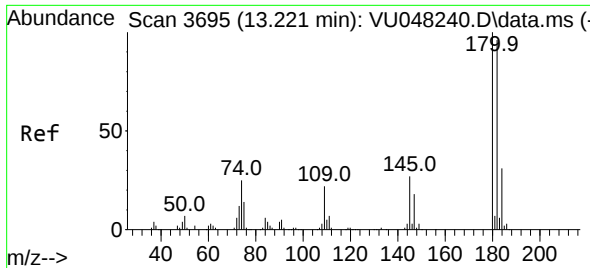
Tgt Ion:146 Resp: 142342
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 66.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 70.683 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

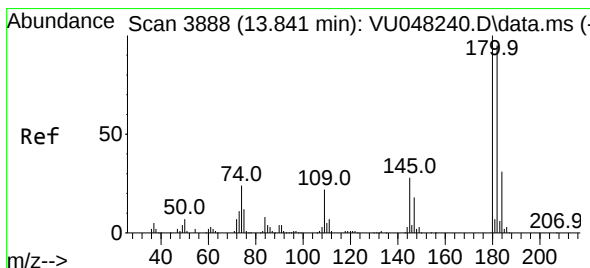
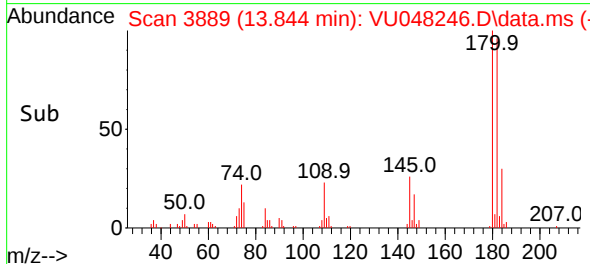
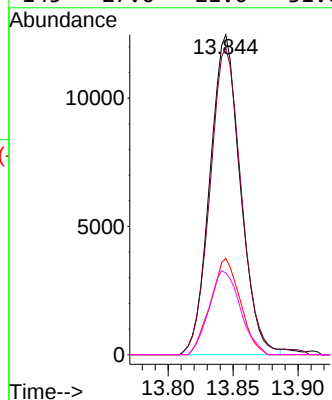
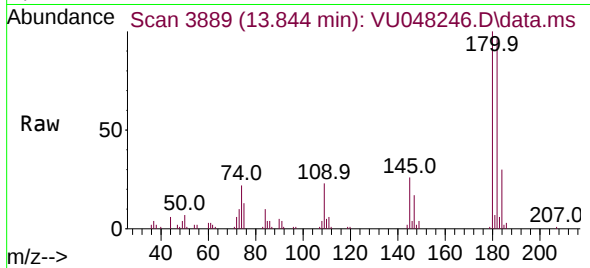
Tgt Ion:146 Resp: 306624
Ion Ratio Lower Upper
146 100
111 40.6 31.7 47.5
148 65.2 51.4 77.2





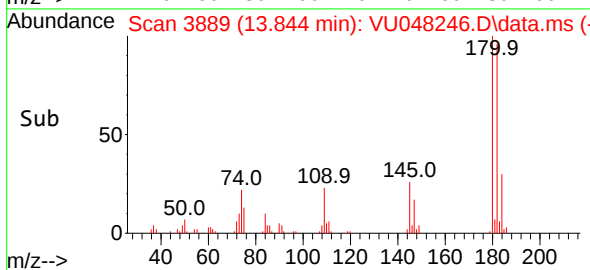
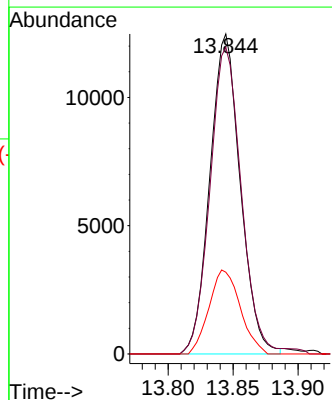
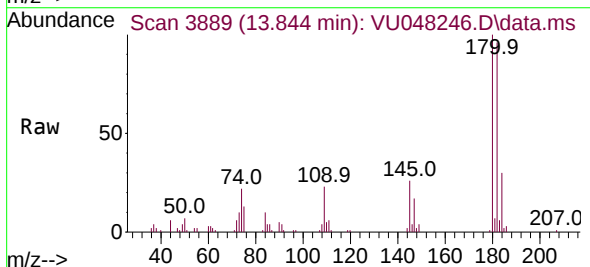
#69
1,3,5-Trichlorobenzene
Concen: 5.767 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

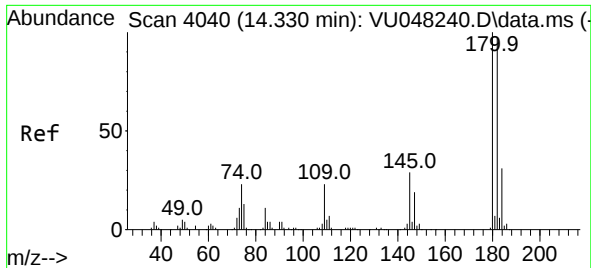
Tgt Ion:180	Resp:	20306
Ion Ratio	Lower	Upper
180	100	
182	98.2	77.0 115.6
184	29.2	24.5 36.7
145	27.0	21.0 31.6



#70
1,2,4-trichlorobenzene
Concen: 6.584 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU048246.D
Acq: 23 Apr 2022 15:14

Tgt Ion:180	Resp:	20306
Ion Ratio	Lower	Upper
180	100	
182	98.2	76.2 114.2
145	27.0	21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.999 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048246.D
 Acq: 23 Apr 2022 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.4	77.4	116.0
145	27.8	22.8	34.2

