

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048253.D
 Acq On : 23 Apr 2022 18:01
 Operator : SY/MD
 Sample : N2488-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 25 01:27:51 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

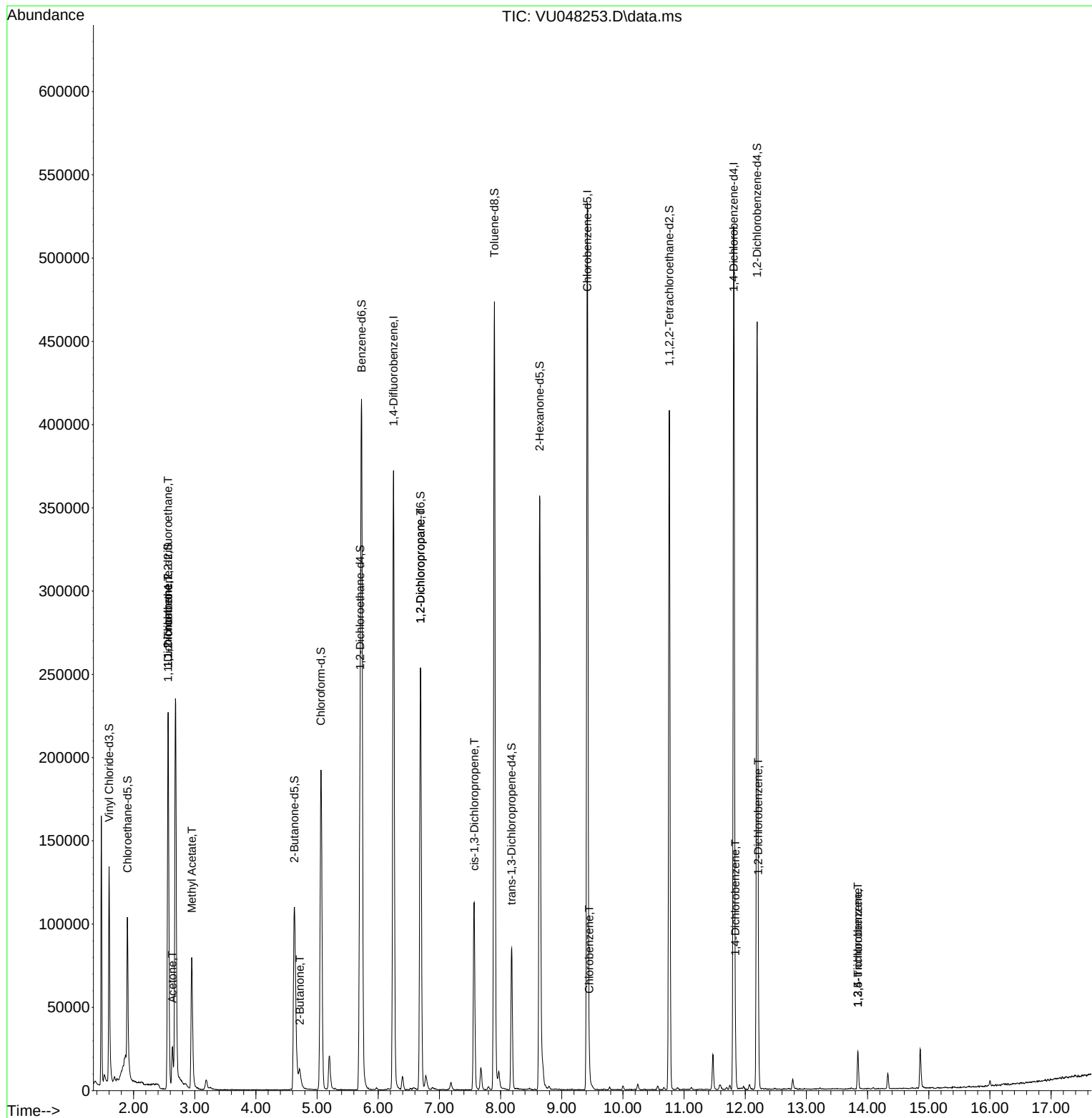
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

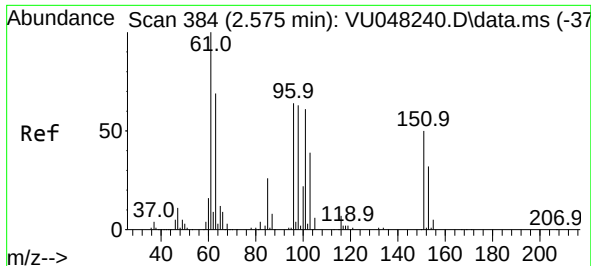
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317583	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	318563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145103	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107608	46.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.460%
7) Chloroethane-d5	1.899	69	71596	39.427	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.860%
11) 1,1-Dichloroethene-d2	2.565	63	130729	31.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.060%
21) 2-Butanone-d5	4.629	46	176935	89.510	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.510%
24) Chloroform-d	5.063	84	184174	43.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
26) 1,2-Dichloroethane-d4	5.703	65	117990	45.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.729	84	390362	48.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	129356	52.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.100%
41) Toluene-d8	7.899	98	326477	41.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.179	79	46243	37.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.160%
47) 2-Hexanone-d5	8.639	63	119719	83.074	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.070%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204055	48.299	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	129674	50.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1166	0.498	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1083	0.497	ug/L #	1
13) Acetone	2.632	43	29325	15.942	ug/L	97
15) Methyl Acetate	2.951	43	100548	34.278	ug/L	97
22) 2-Butanone	4.716	43	16428	6.933	ug/L	97
37) 1,2-Dichloropropane	6.690	63	12641	5.393	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	2686	0.738	ug/L #	58
51) Chlorobenzene	9.449	112	5940	0.865	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	9387	2.079	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	10746	2.464	ug/L	95
69) 1,3,5-Trichlorobenzene	13.841	180	7762	2.193	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7762	2.503	ug/L	97

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

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

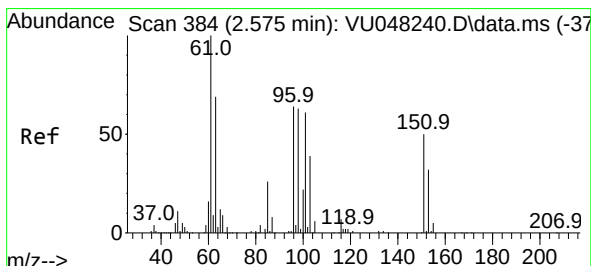
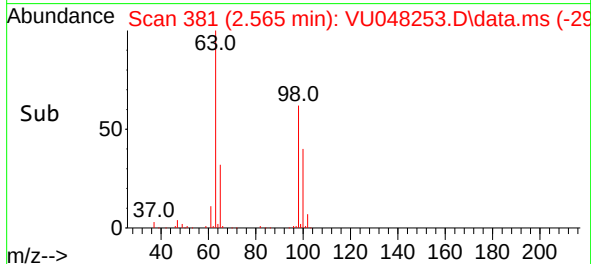
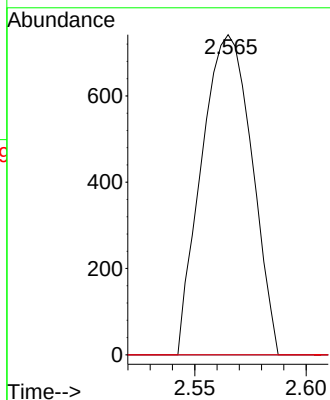
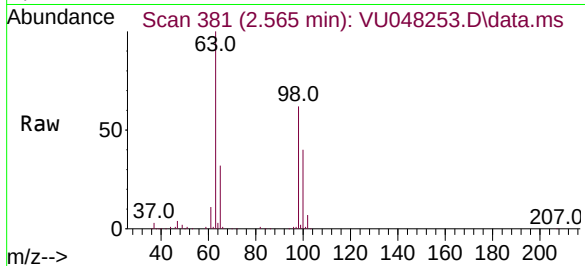
Quant Time: Apr 25 01:27:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 25 01:24:32 2022
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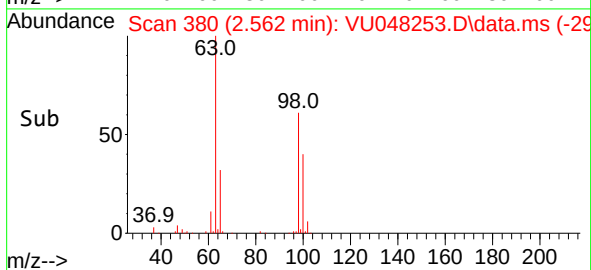
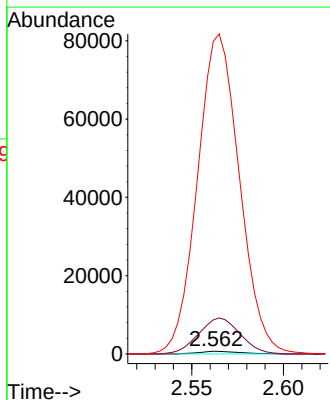
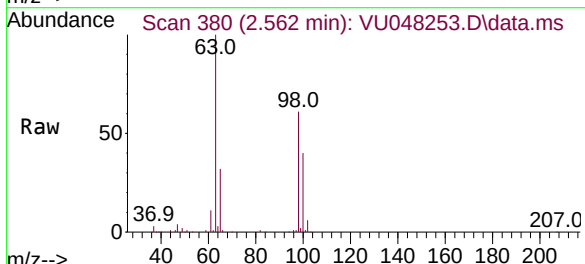
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.498 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

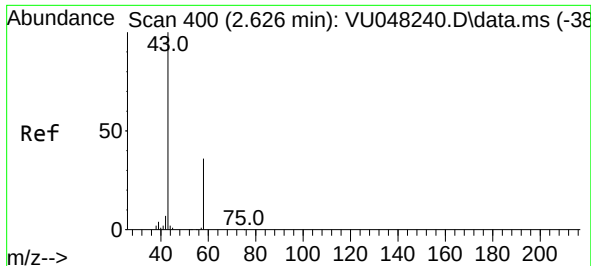
Tgt Ion:101 Resp: 1166
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.497 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

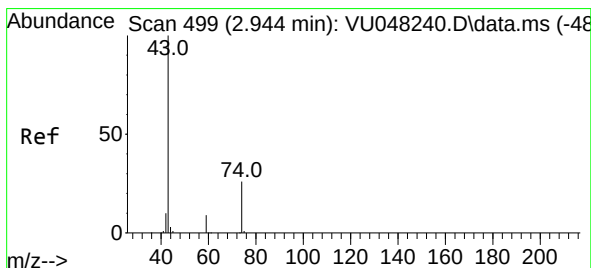
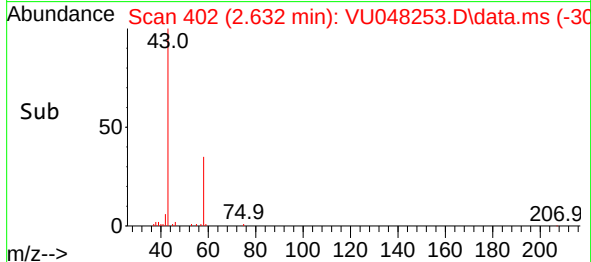
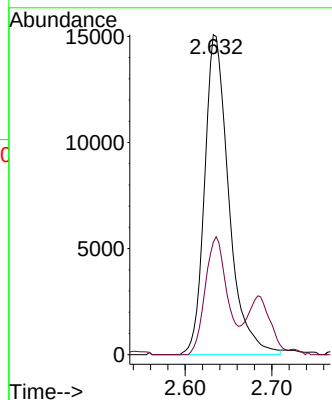
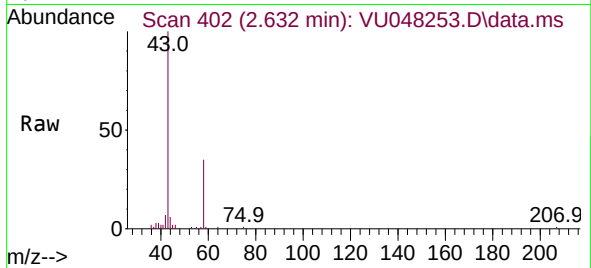
Tgt Ion: 96 Resp: 1083
Ion Ratio Lower Upper
96 100
61 1243.8 113.1 210.1#
63 11389.4 94.8 176.0#





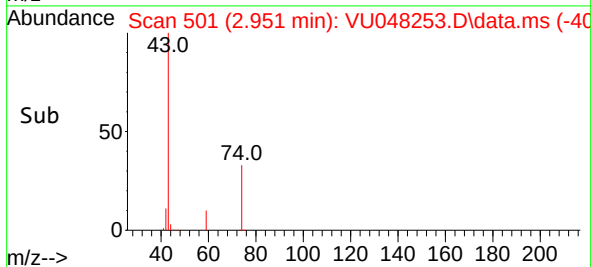
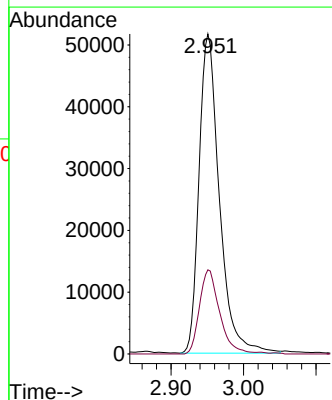
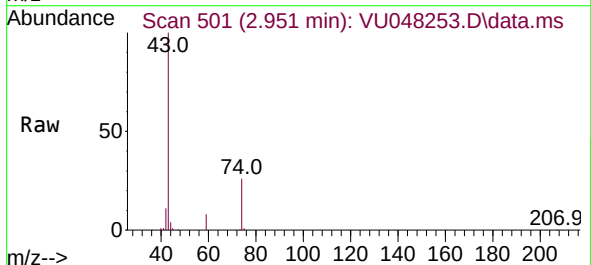
#13
Acetone
Concen: 15.942 ug/L
RT: 2.632 min Scan# 402
Delta R.T. 0.006 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

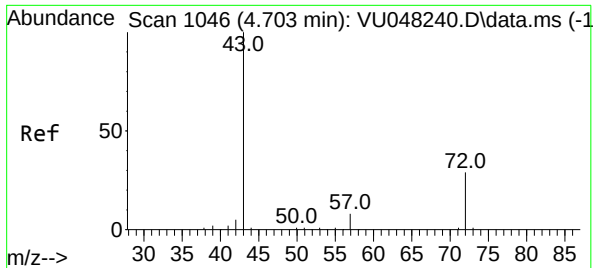
Tgt Ion: 43 Resp: 29325
Ion Ratio Lower Upper
43 100
58 33.1 0.0 70.0



#15
Methyl Acetate
Concen: 34.278 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

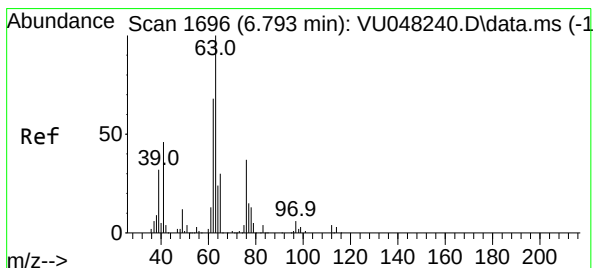
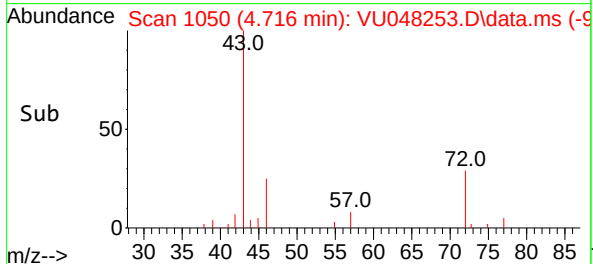
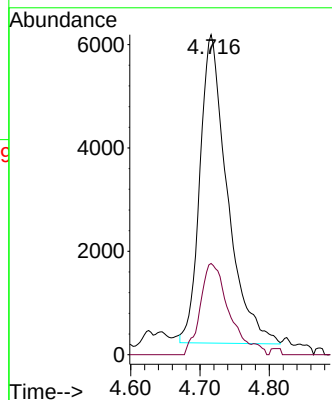
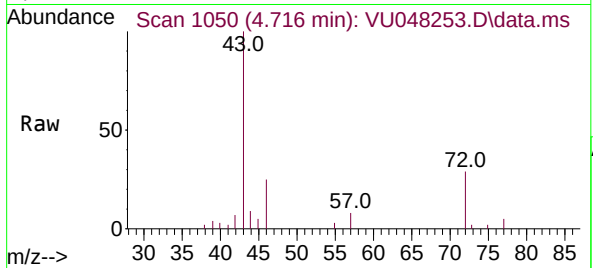
Tgt Ion: 43 Resp: 100548
Ion Ratio Lower Upper
43 100
74 26.0 22.2 33.2





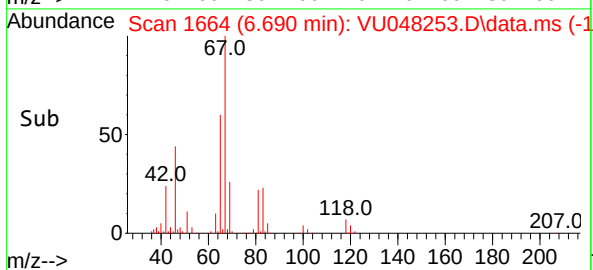
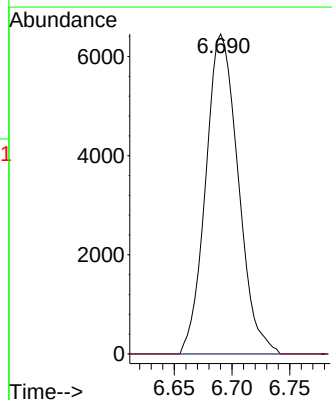
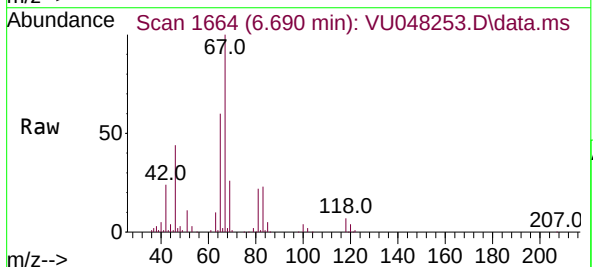
#22
2-Butanone
Concen: 6.933 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.013 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

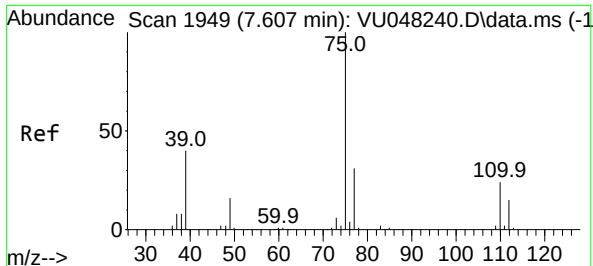
Tgt Ion: 43 Resp: 16428
Ion Ratio Lower Upper
43 100
72 30.0 16.0 47.9



#37
1,2-Dichloropropane
Concen: 5.393 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

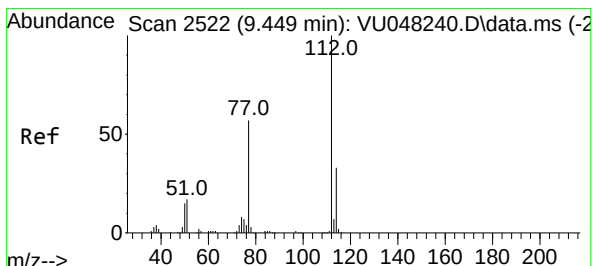
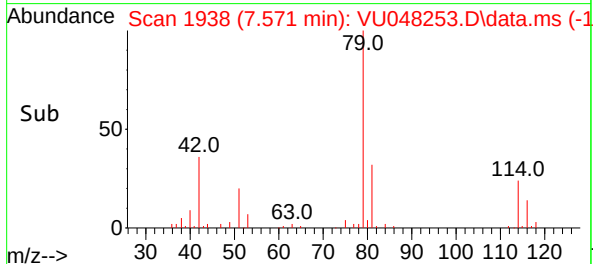
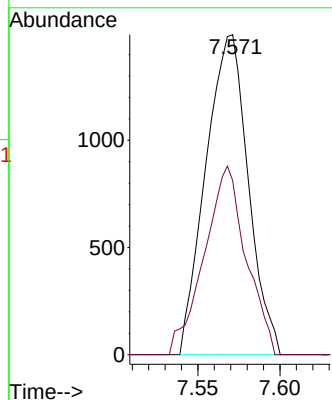
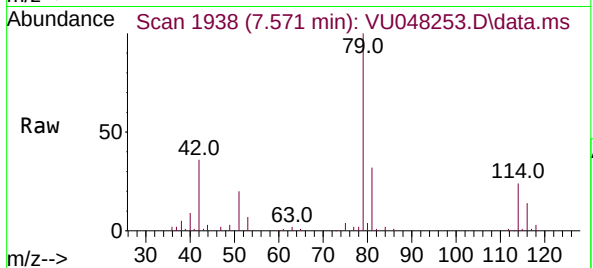
Tgt Ion: 63 Resp: 12641
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#





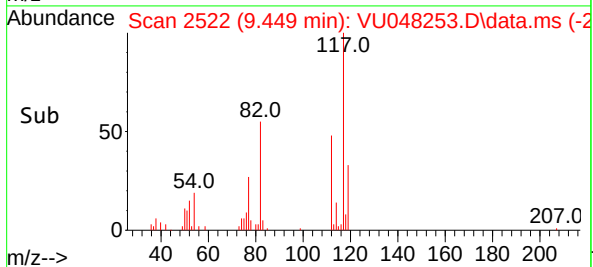
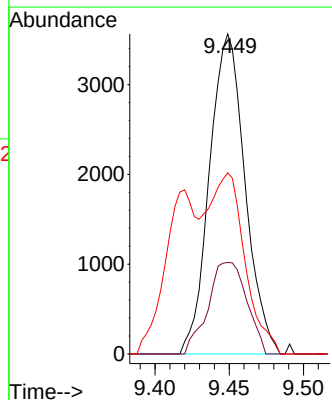
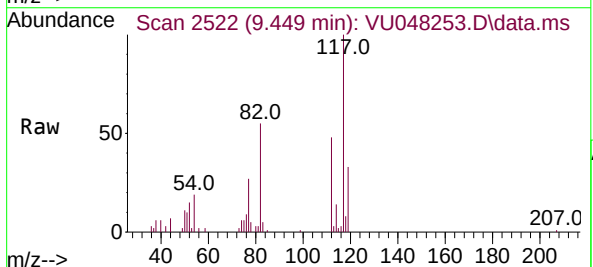
#39
cis-1,3-Dichloropropene
Concen: 0.738 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.035 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

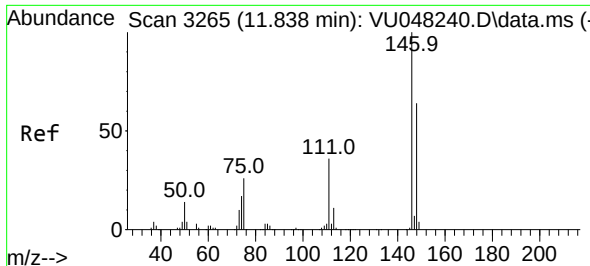
Tgt Ion: 75 Resp: 2686
Ion Ratio Lower Upper
75 100
77 54.4 21.8 40.6#



#51
Chlorobenzene
Concen: 0.865 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

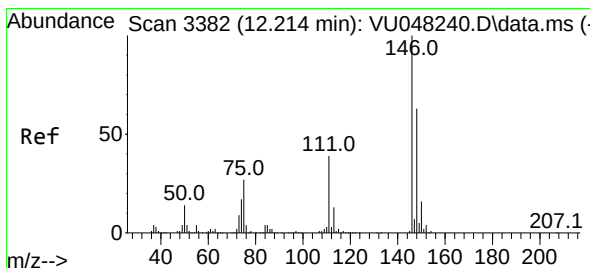
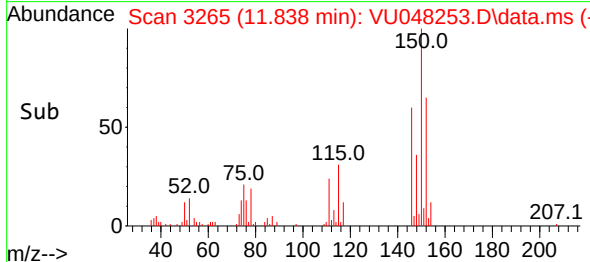
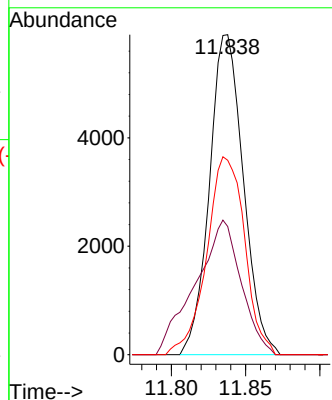
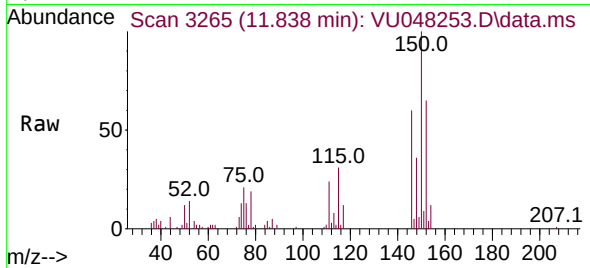
Tgt Ion: 112 Resp: 5940
Ion Ratio Lower Upper
112 100
114 28.6 22.1 41.1
77 56.6 43.4 65.0





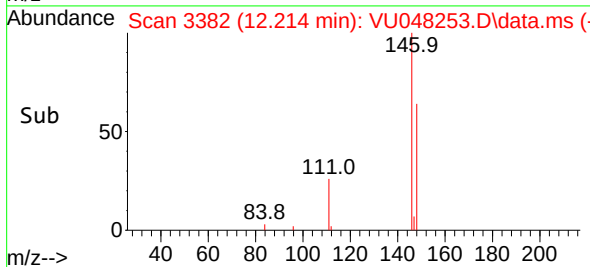
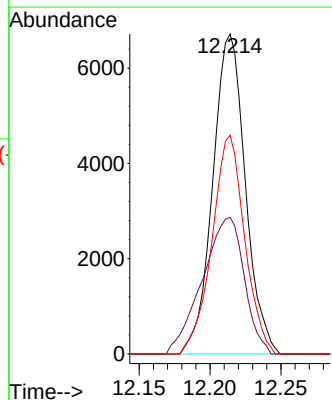
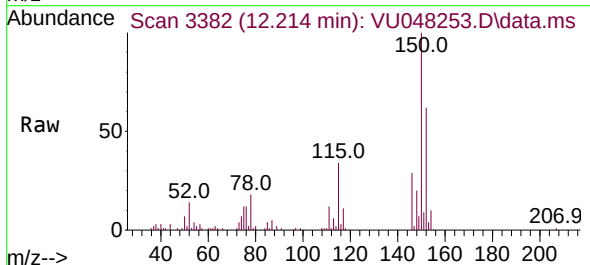
#65
1,4-Dichlorobenzene
Concen: 2.079 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

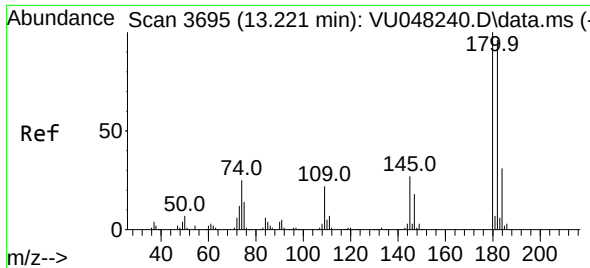
Tgt Ion:146 Resp: 9387
Ion Ratio Lower Upper
146 100
111 40.1 25.3 47.1
148 60.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 2.464 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

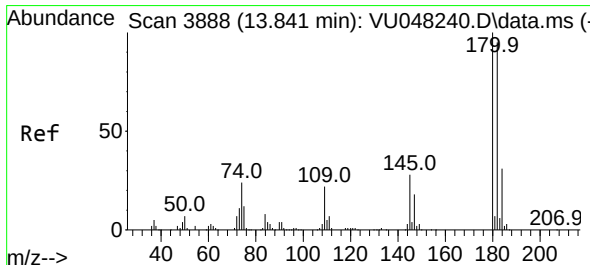
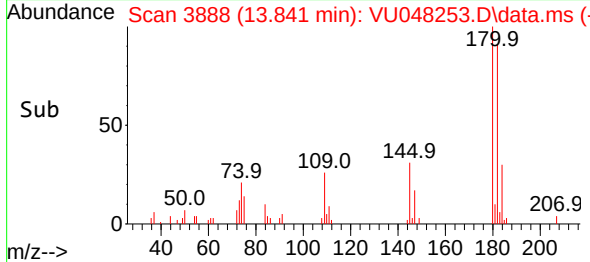
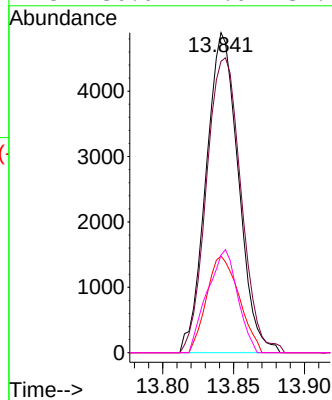
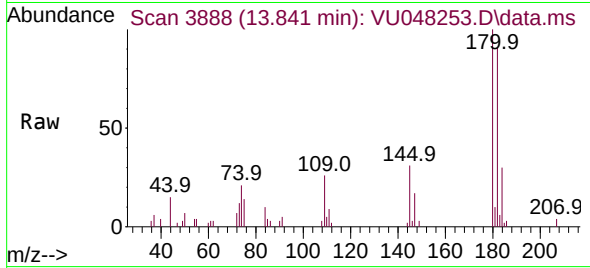
Tgt Ion:146 Resp: 10746
Ion Ratio Lower Upper
146 100
111 42.7 31.7 47.5
148 68.3 51.4 77.2





#69
1,3,5-Trichlorobenzene
Concen: 2.193 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.620 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

Tgt Ion:	180	Resp:	7762
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.0	115.6
184	30.2	24.5	36.7
145	30.0	21.0	31.6



#70
1,2,4-trichlorobenzene
Concen: 2.503 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048253.D
Acq: 23 Apr 2022 18:01

Tgt Ion:	180	Resp:	7762
Ion Ratio	Lower	Upper	
180	100		
182	97.8	76.2	114.2
145	30.0	21.8	32.8

