

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048154.D
 Acq On : 20 Apr 2022 19:37
 Operator : SY/MD
 Sample : N2485-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J22

Quant Time: Apr 21 02:44:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	404143	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.456	117	170383	50.000	ug/L	# 0.04
58) 1,4-Dichlorobenzene-d4	11.758	152	2408	50.000	ug/L	#-0.05
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	112121	38.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.520%
7) Chloroethane-d5	1.913	69	94786	41.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	2.568	63	148108	27.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.240%#
21) 2-Butanone-d5	4.626	46	204272	81.206	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.210%
24) Chloroform-d	5.067	84	282013	52.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.180%
26) 1,2-Dichloroethane-d4	5.716	65	90948	27.653	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.300%#
32) Benzene-d6	5.764	84	446450	104.133	ug/L	0.04
Spiked Amount	50.000	Range	70 - 125	Recovery	=	208.260%#
36) 1,2-Dichloropropane-d6	6.694	67	149690	113.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	227.380%#
41) Toluene-d8	7.903	98	422528	101.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	202.300%#
43) trans-1,3-Dichloroprop...	8.182	79	65897	98.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	197.580%#
47) 2-Hexanone-d5	8.642	63	159700	207.192	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	207.190%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	262545	116.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	232.380%#
66) 1,2-Dichlorobenzene-d4	12.230	152	209734	4895.678	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	9791.360%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1389	0.466	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1503	0.542	ug/L #	1
13) Acetone	2.630	43	551829	235.734	ug/L	99
14) Carbon disulfide	2.797	76	5742	0.655	ug/L	100
16) Methylene chloride	3.047	84	177745	55.874	ug/L	98
19) 1,1-Dichloroethane	3.867	63	3414	0.662	ug/L	92
22) 2-Butanone	4.710	43	51535	17.090	ug/L	97
25) Chloroform	5.089	83	1764147	317.744	ug/L	99
27) 1,2-Dichloroethane	5.845	62	3566403	831.426	ug/L #	75
29) Cyclohexane	5.391	56	44503	25.740	ug/L	95
31) Carbon tetrachloride	5.530	117	53151	30.467	ug/L	99
33) Benzene	5.938	78	2130393	431.972	ug/L	100
35) Methylcyclohexane	6.768	83	8674	4.410	ug/L #	72
37) 1,2-Dichloropropane	6.793	63	1710	1.364	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3565	1.833	ug/L #	60
40) 4-Methyl-2-pentanone	7.797	43	6327	3.193	ug/L	90
42) Toluene	7.977	91	96404	17.815	ug/L	100
44) trans-1,3-Dichloropropene	8.186	75	2506	1.290	ug/L #	67
45) 1,1,2-Trichloroethane	8.407	97	886	0.666	ug/L	87

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

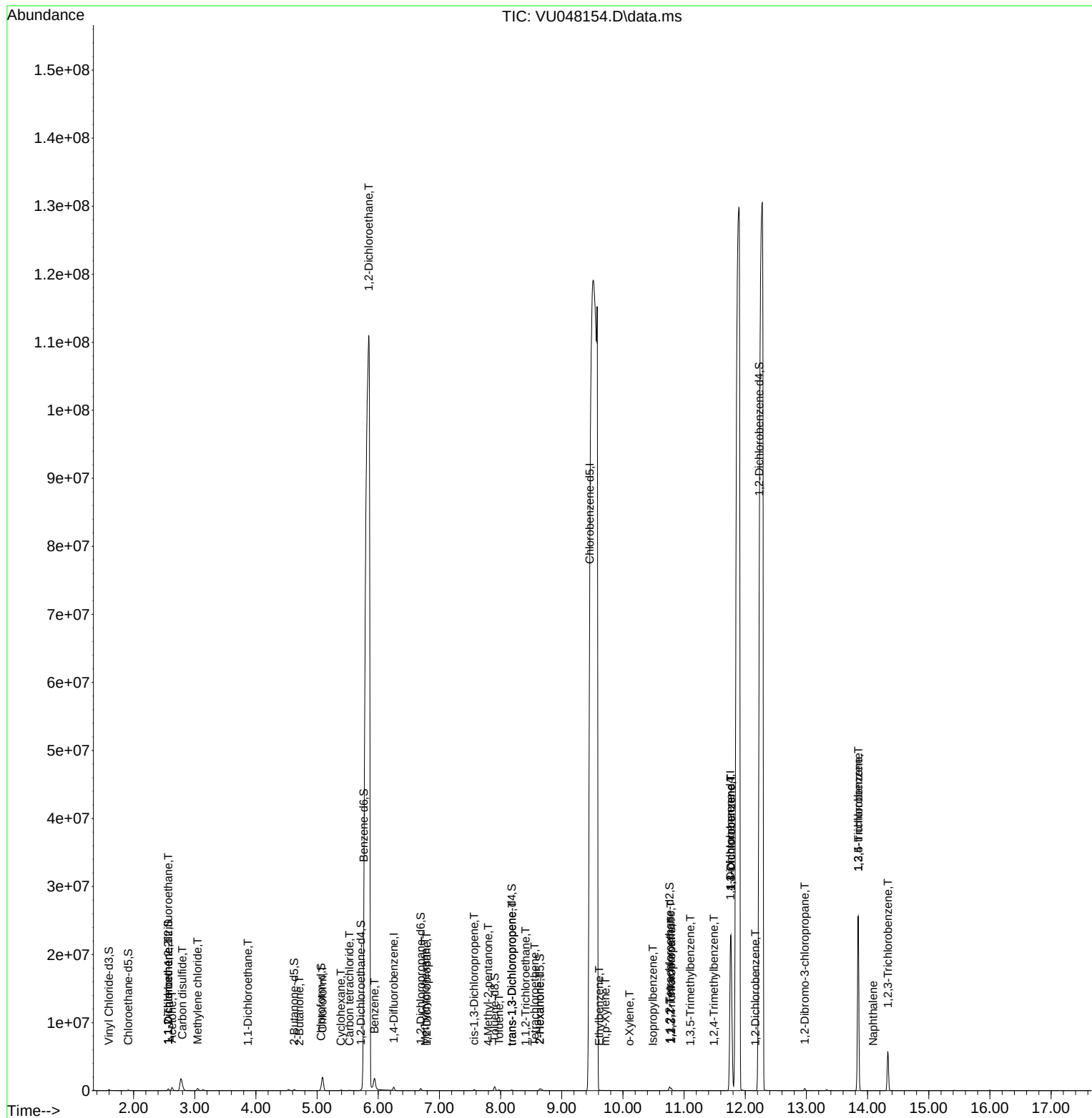
46) Tetrachloroethene	8.555	164	2771	2.385	ug/L	99
48) 2-Hexanone	8.639	43	11618	6.816	ug/L #	62
52) Ethylbenzene	9.613	91	4091	0.719	ug/L	93
53) m,p-Xylene	9.716	106	2786	1.248	ug/L	98
54) o-Xylene	10.108	106	1458	0.665	ug/L	85
57) 1,1,2,2-Tetrachloroethane	10.784	83	2329	0.934	ug/L #	58
60) 1,2,3-Trichloropropane	10.790	75	11303	248.993	ug/L #	1
61) Isopropylbenzene	10.491	105	400	3.074	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.102	105	288	4.079	ug/L #	49
63) 1,2,4-Trimethylbenzene	11.488	105	1603	14.946	ug/L #	56
64) 1,3-Dichlorobenzene	11.764	146	14271216	197294.311	ug/L	98
65) 1,4-Dichlorobenzene	11.764	146	14271216	190476.052	ug/L	97
67) 1,2-Dichlorobenzene	12.166	146	172	2.376	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.973	75	45014	3095.660	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.848	180	8428924	143479.569	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	8428924	163808.126	ug/L	99
71) Naphthalene	14.092	128	3956	25.787	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	1901115	36855.020	ug/L	99

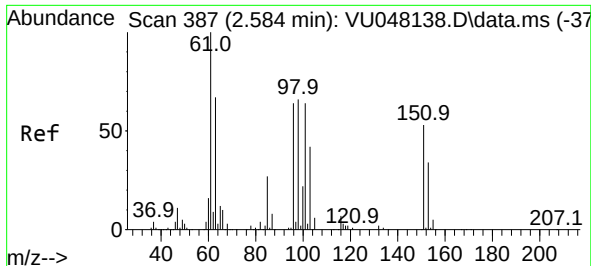
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.466 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

C0J22

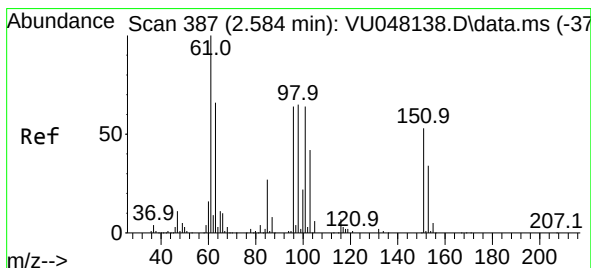
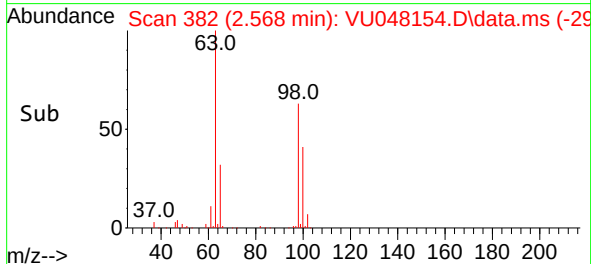
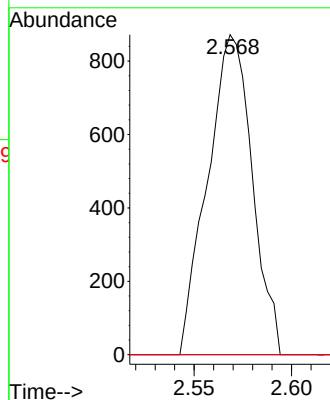
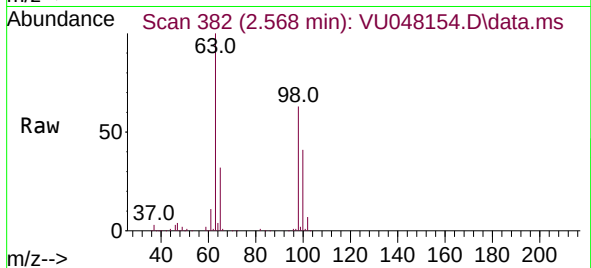
Tgt Ion:101 Resp: 1389

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: 0.542 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

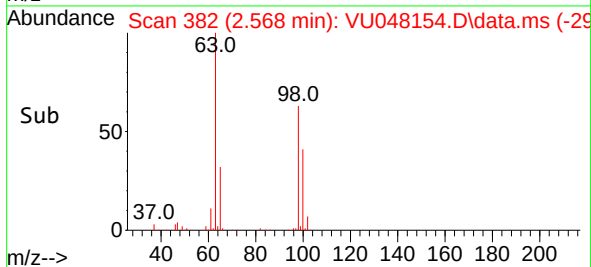
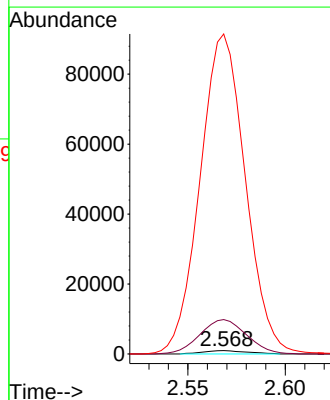
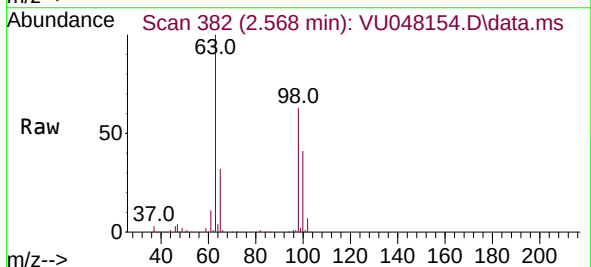
Tgt Ion: 96 Resp: 1503

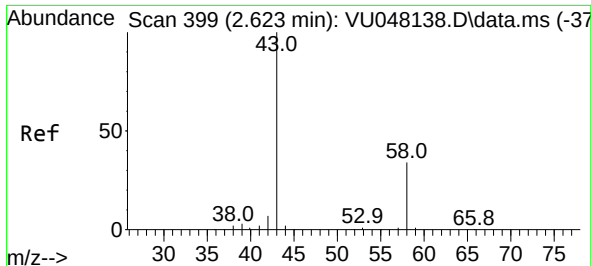
Ion Ratio Lower Upper

96 100

61 1017.6 113.1 210.1#

63 9462.7 94.8 176.0#





#13

Acetone

Concen: 235.734 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

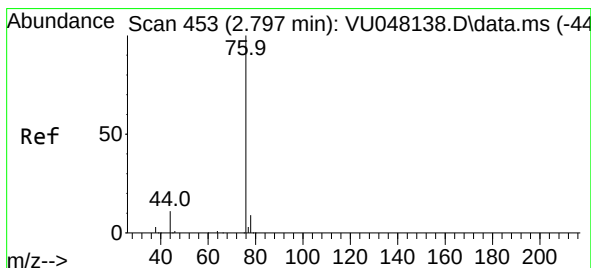
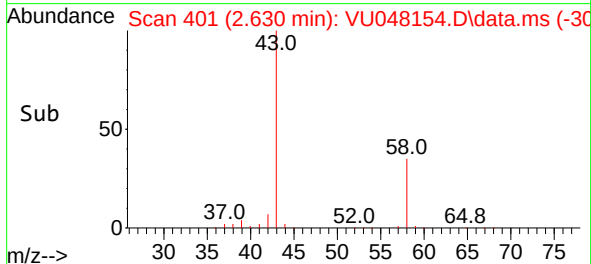
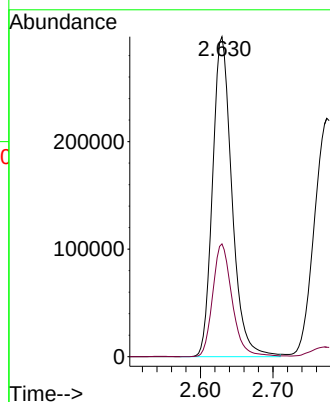
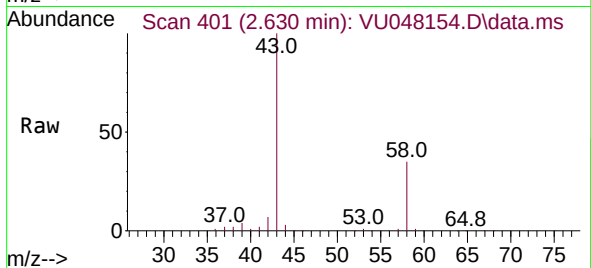
C0J22

Tgt Ion: 43 Resp: 551829

Ion Ratio Lower Upper

43 100

58 35.6 0.0 70.0



#14

Carbon disulfide

Concen: 0.655 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048154.D

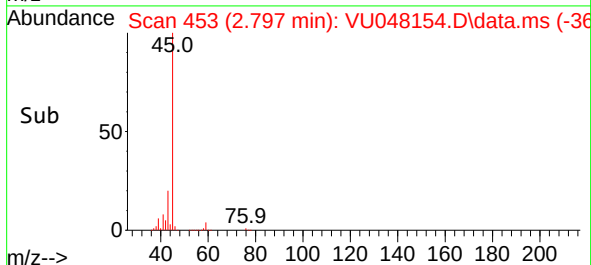
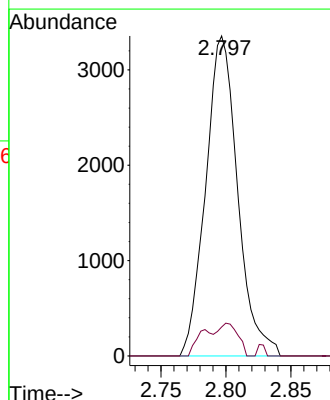
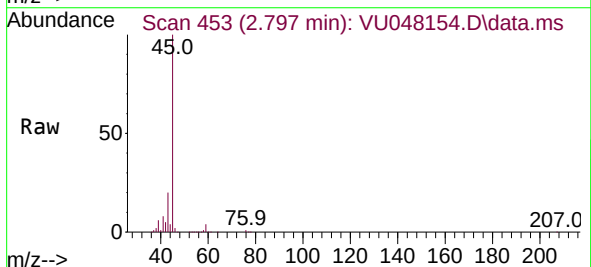
Acq: 20 Apr 2022 19:37

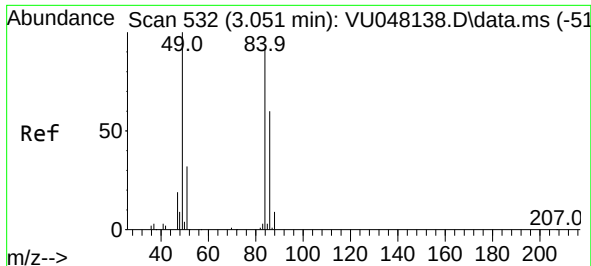
Tgt Ion: 76 Resp: 5742

Ion Ratio Lower Upper

76 100

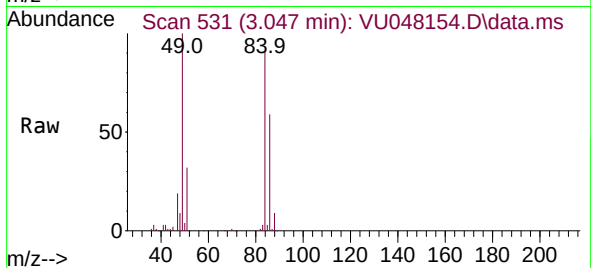
78 9.0 7.4 11.0



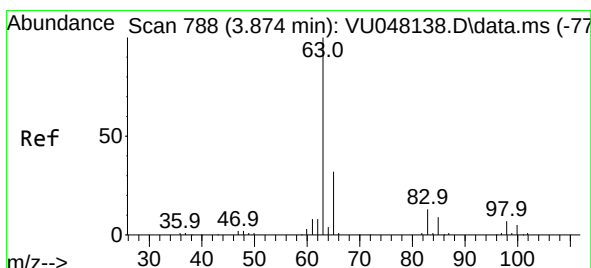
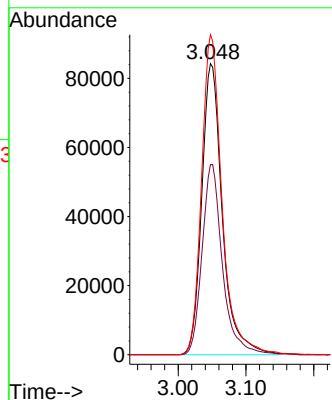
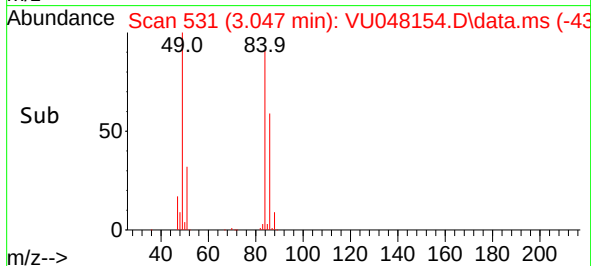


#16
Methylene chloride
Concen: 55.874 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

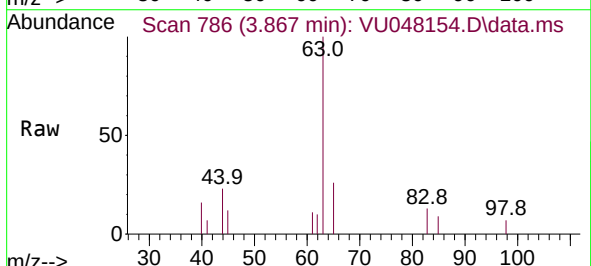
Instrument :
MSVOA_U
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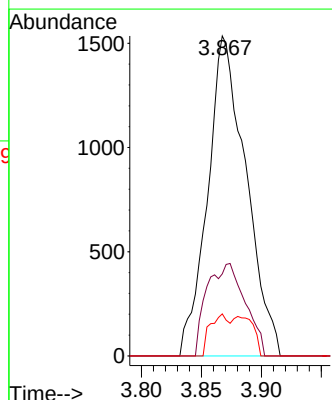
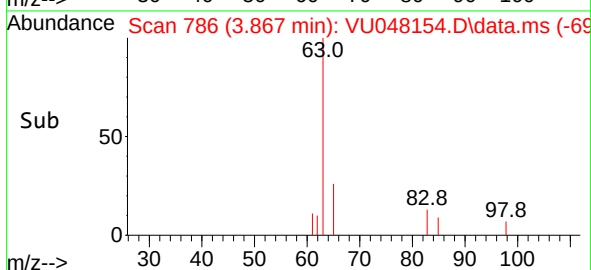
Tgt Ion: 84 Resp: 177745
Ion Ratio Lower Upper
84 100
86 65.3 46.0 85.4
49 109.9 75.3 139.8

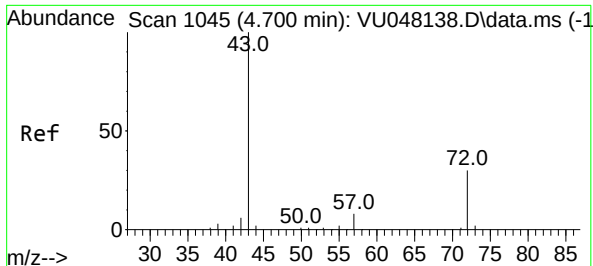


#19
1,1-Dichloroethane
Concen: 0.662 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.006 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37



Tgt Ion: 63 Resp: 3414
Ion Ratio Lower Upper
63 100
65 25.7 22.0 41.0
83 13.2 9.7 18.1





#22

2-Butanone

Concen: 17.090 ug/L

RT: 4.710 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

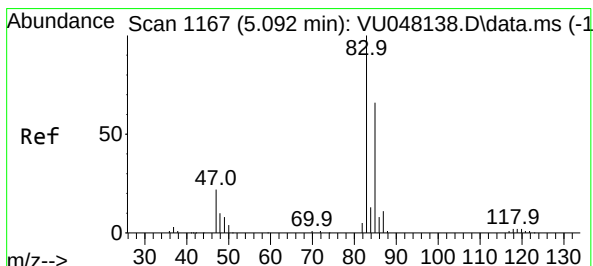
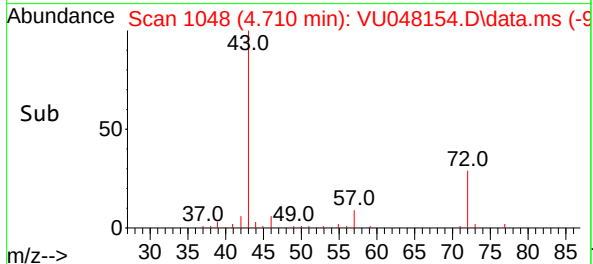
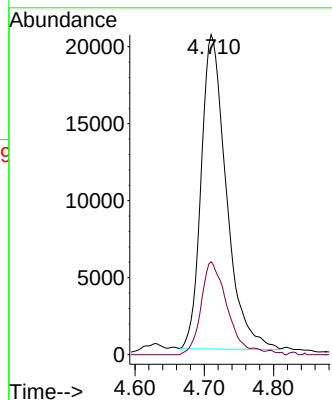
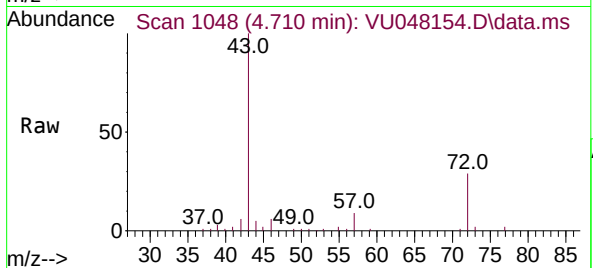
C0J22

Tgt Ion: 43 Resp: 51535

Ion Ratio Lower Upper

43 100

72 30.0 16.0 47.9



#25

Chloroform

Concen: 317.744 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048154.D

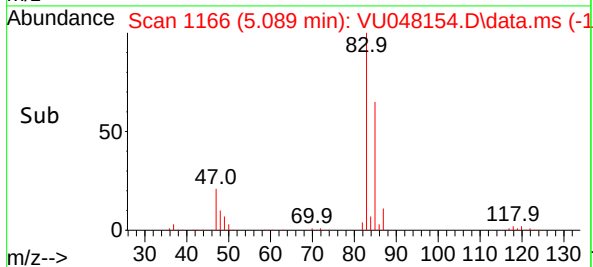
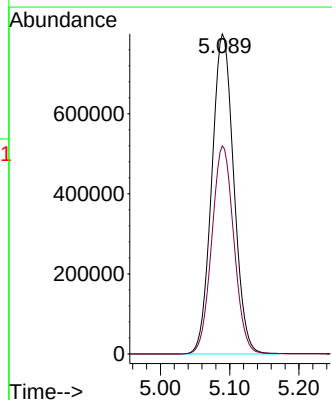
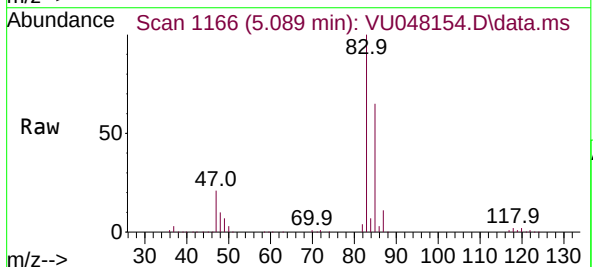
Acq: 20 Apr 2022 19:37

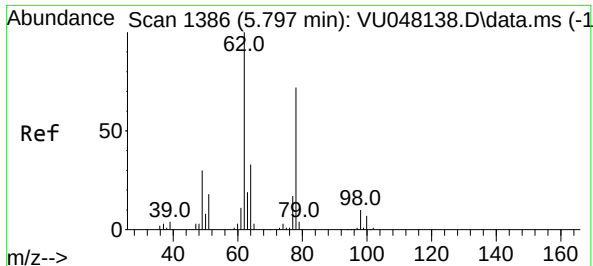
Tgt Ion: 83 Resp: 1764147

Ion Ratio Lower Upper

83 100

85 65.0 46.2 85.8





#27

1,2-Dichloroethane

Concen: 831.426 ug/L

RT: 5.845 min Scan# 1401

Delta R.T. 0.048 min

Lab File: VU048154.D

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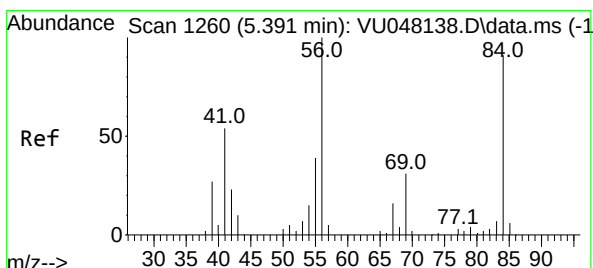
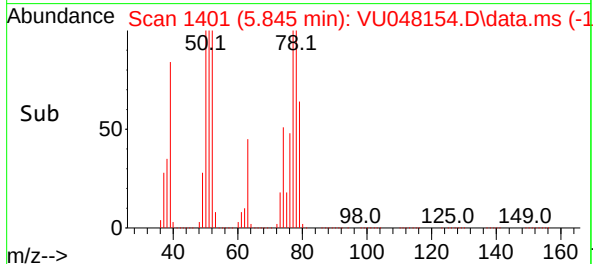
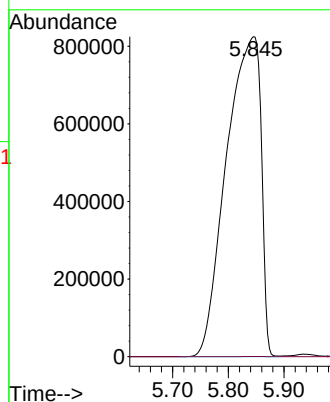
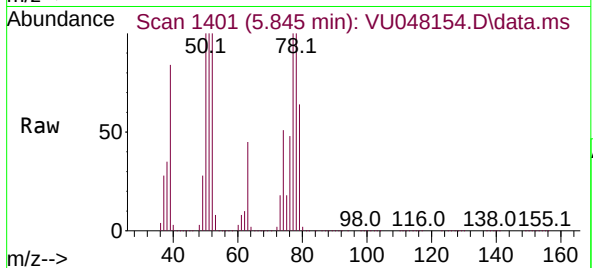
C0J22

Tgt Ion: 62 Resp: 3566403

Ion Ratio Lower Upper

62 100

98 0.1 7.4 11.0#



#29

Cyclohexane

Concen: 25.740 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

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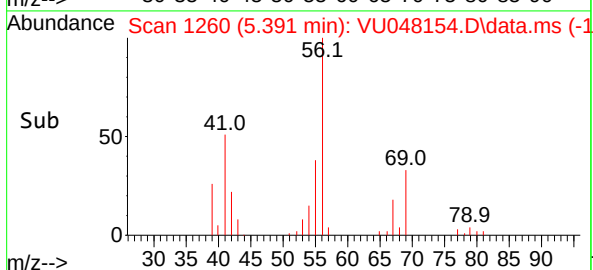
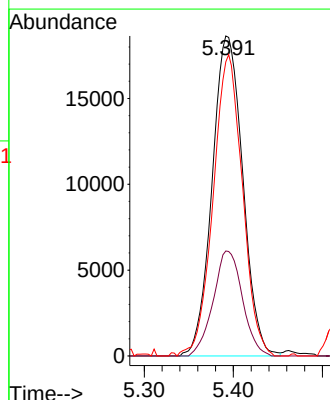
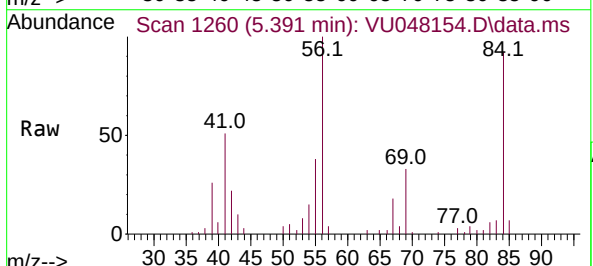
Tgt Ion: 56 Resp: 44503

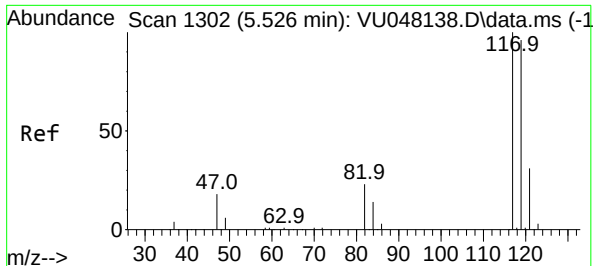
Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 89.8 77.0 115.6

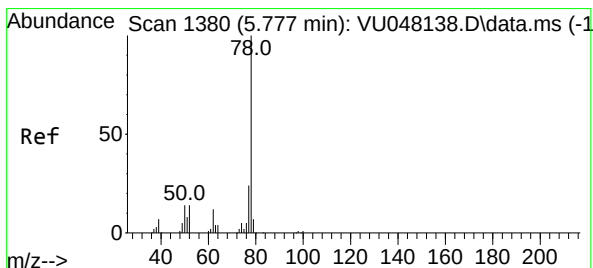
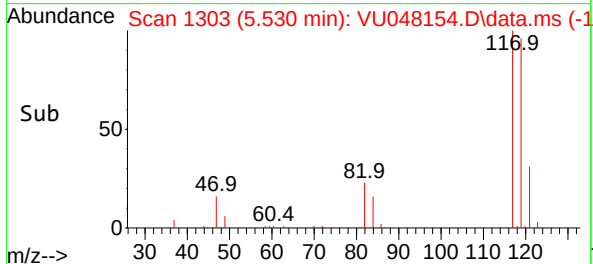
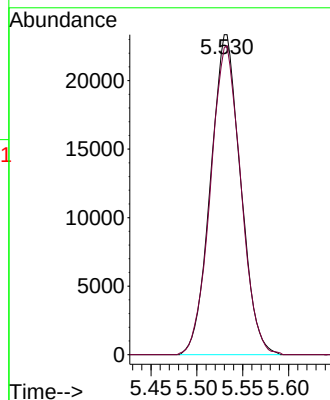
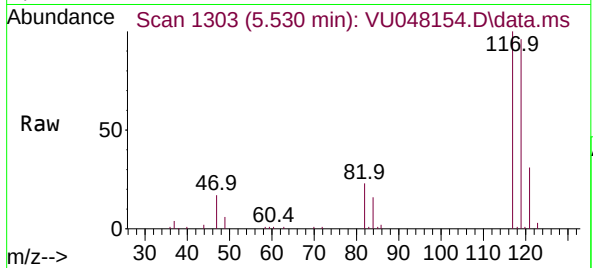




#31
Carbon tetrachloride
Concen: 30.467 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.003 min
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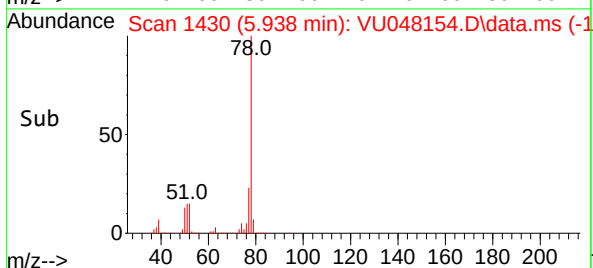
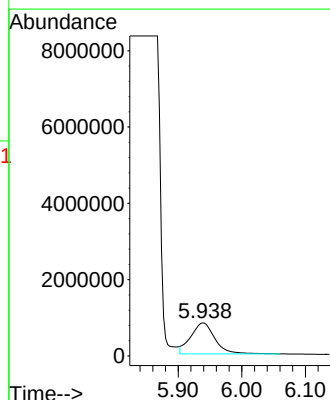
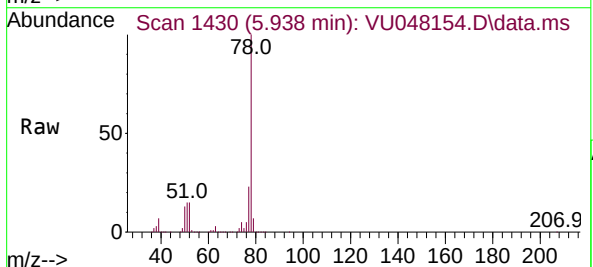
Instrument :
MSVOA_U
ClientSampleId :
C0J22

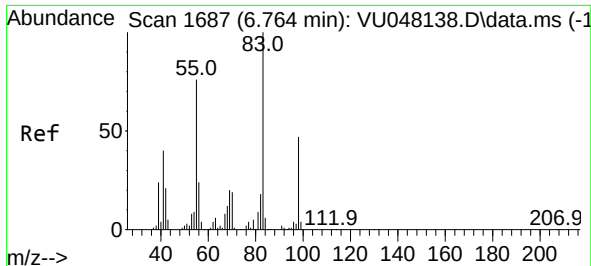
Tgt Ion:117 Resp: 53151
Ion Ratio Lower Upper
117 100
119 97.7 77.2 115.8



#33
Benzene
Concen: 431.972 ug/L
RT: 5.938 min Scan# 1430
Delta R.T. 0.161 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

Tgt Ion: 78 Resp: 2130393

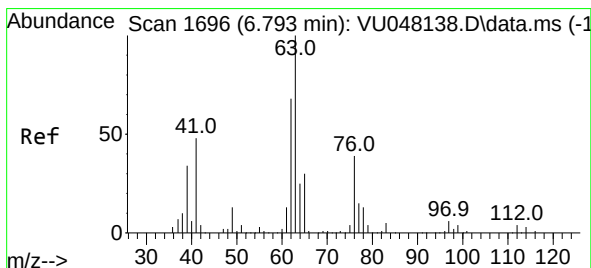
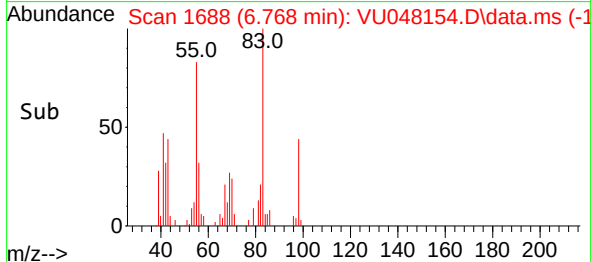
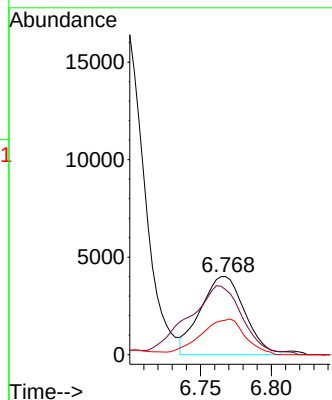
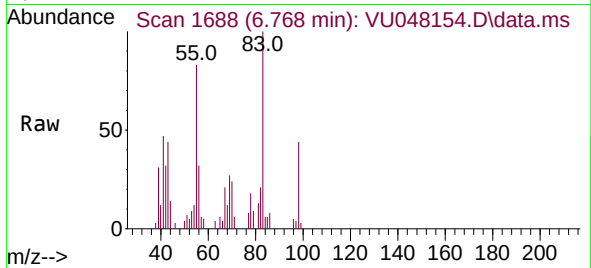




#35
Methylcyclohexane
Concen: 4.410 ug/L
RT: 6.768 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

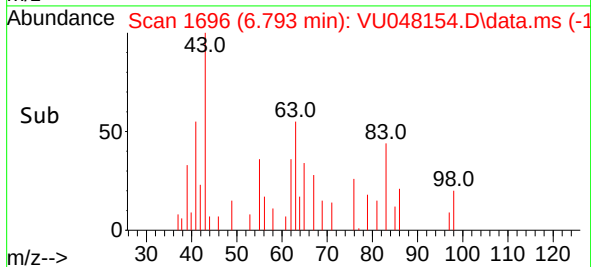
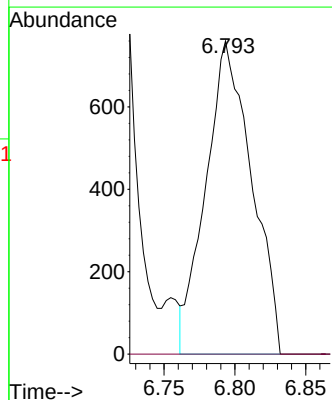
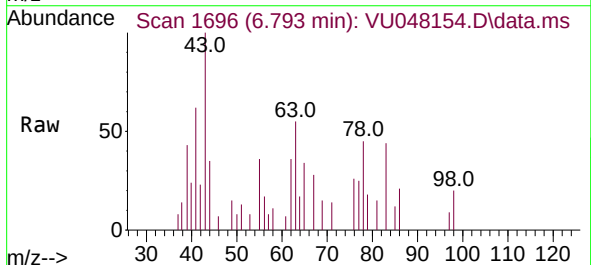
Instrument :
MSVOA_U
ClientSampleId :
C0J22

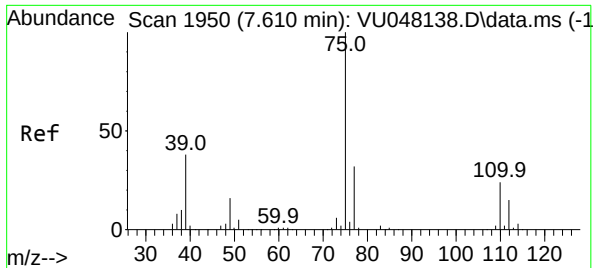
Tgt Ion: 83 Resp: 8674
Ion Ratio Lower Upper
83 100
55 109.0 56.8 85.2#
98 46.1 38.1 57.1



#37
1,2-Dichloropropane
Concen: 1.364 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

Tgt Ion: 63 Resp: 1710
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.833 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

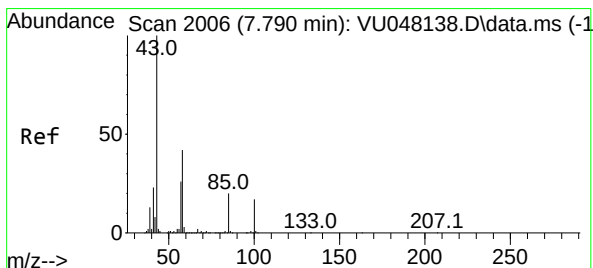
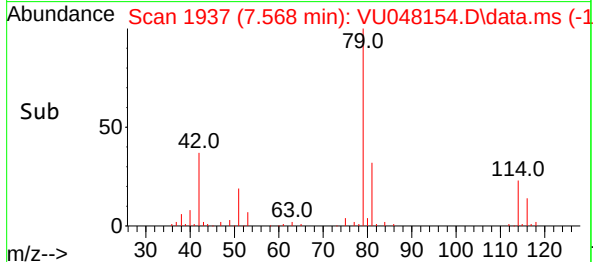
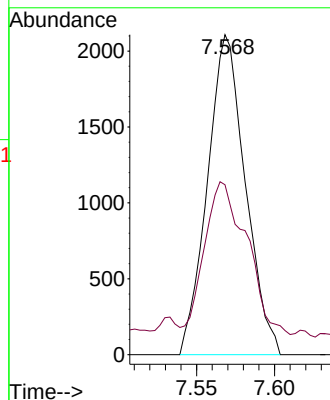
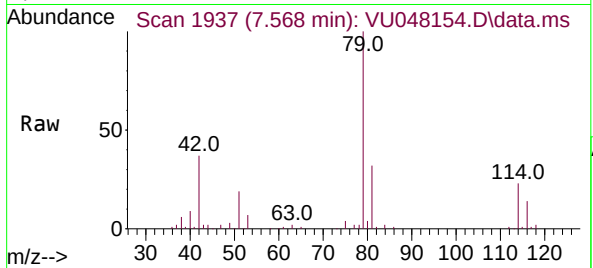
C0J22

Tgt Ion: 75 Resp: 3565

Ion Ratio Lower Upper

75 100

77 53.1 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 3.193 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

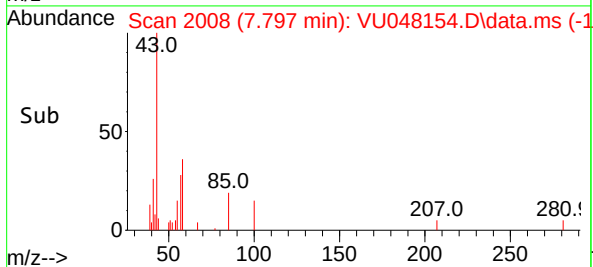
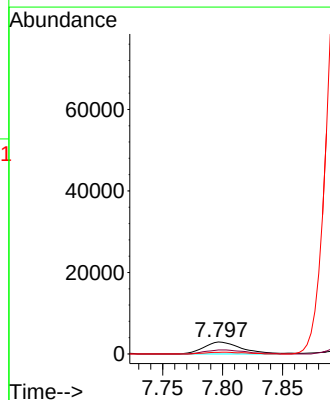
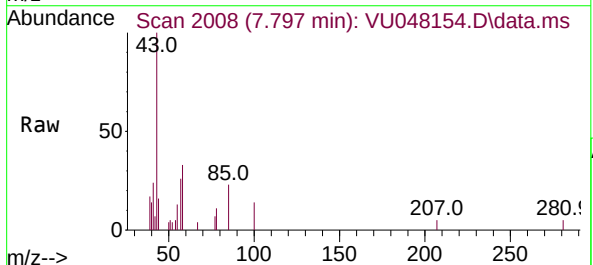
Tgt Ion: 43 Resp: 6327

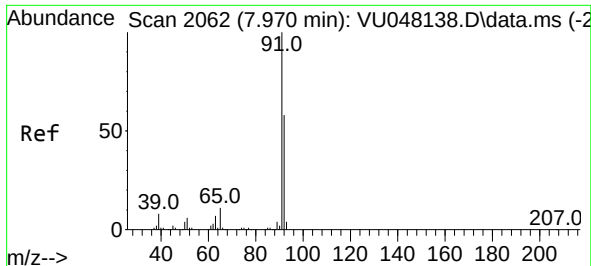
Ion Ratio Lower Upper

43 100

58 36.2 34.7 52.1

100 14.9 14.2 21.2





#42

Toluene

Concen: 17.815 ug/L

RT: 7.977 min Scan# 2062

Delta R.T. 0.006 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

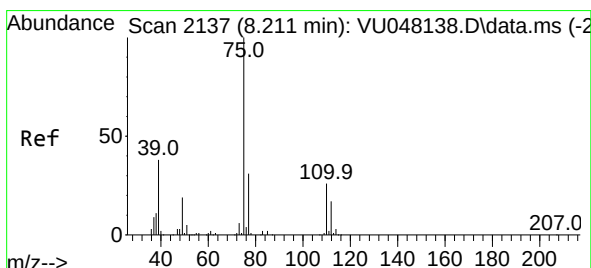
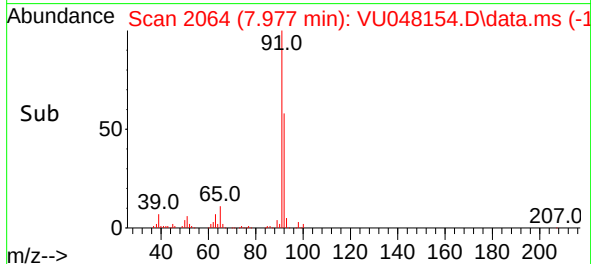
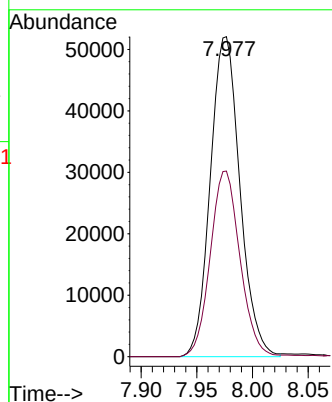
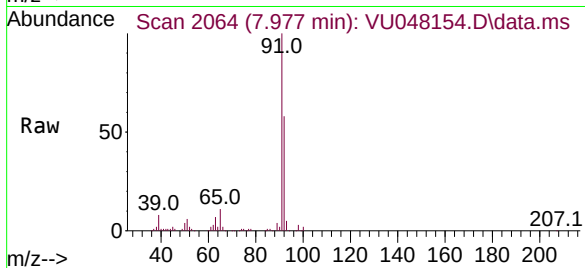
C0J22

Tgt Ion: 91 Resp: 96404

Ion Ratio Lower Upper

91 100

92 58.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 1.290 ug/L

RT: 8.186 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU048154.D

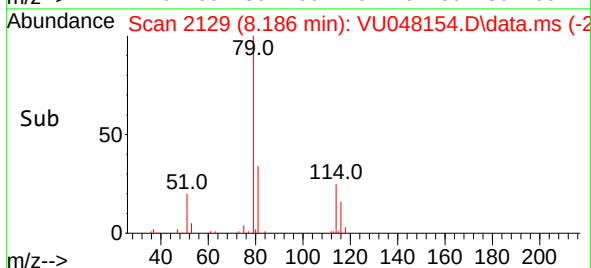
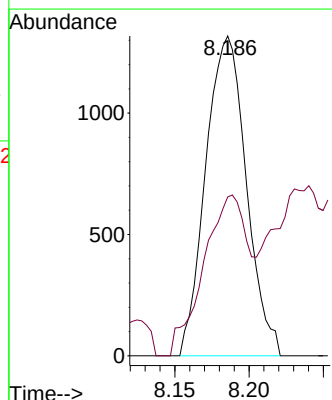
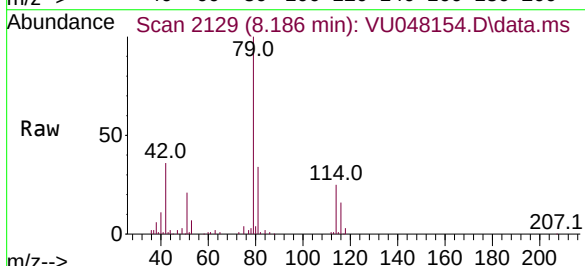
Acq: 20 Apr 2022 19:37

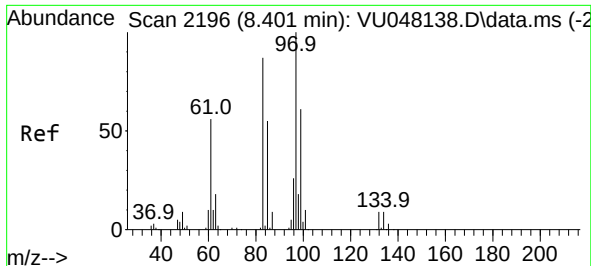
Tgt Ion: 75 Resp: 2506

Ion Ratio Lower Upper

75 100

77 49.7 22.0 40.8#





#45

1,1,2-Trichloroethane

Concen: 0.666 ug/L

RT: 8.407 min Scan# 2196

Delta R.T. 0.006 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

C0J22

Tgt Ion: 97 Resp: 886

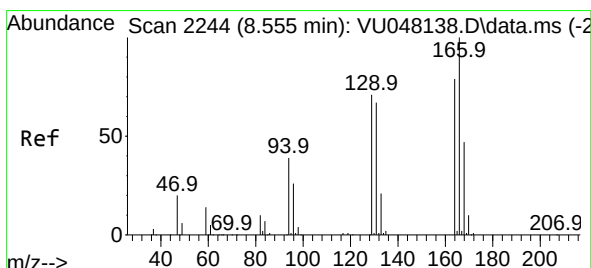
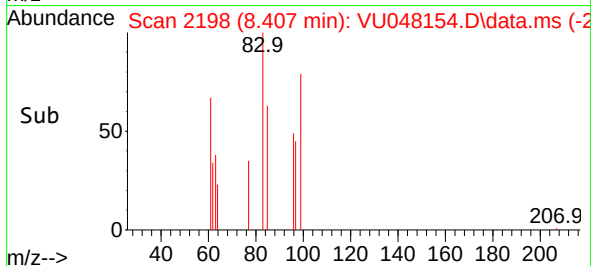
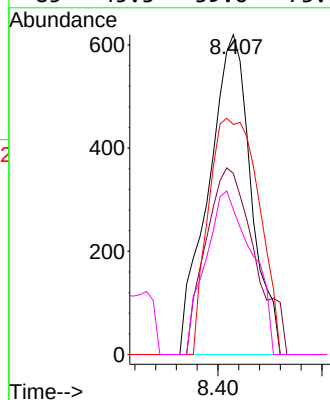
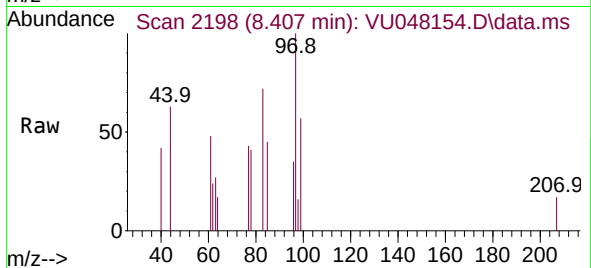
Ion Ratio Lower Upper

97 100

99 56.6 43.3 80.3

83 71.9 61.0 113.4

85 45.3 39.6 73.6



#46

Tetrachloroethene

Concen: 2.385 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Tgt Ion: 164 Resp: 2771

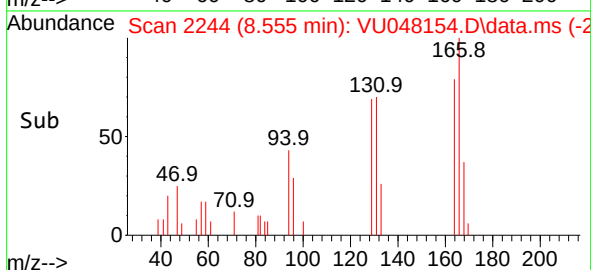
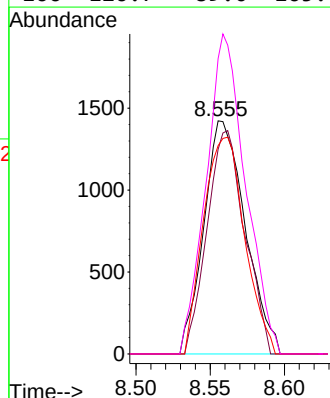
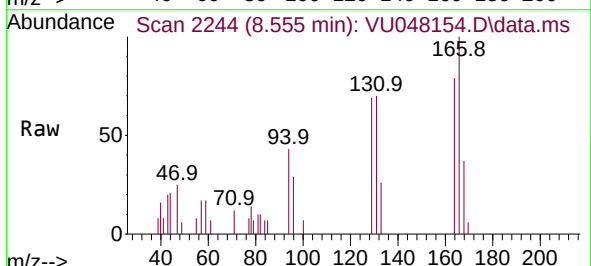
Ion Ratio Lower Upper

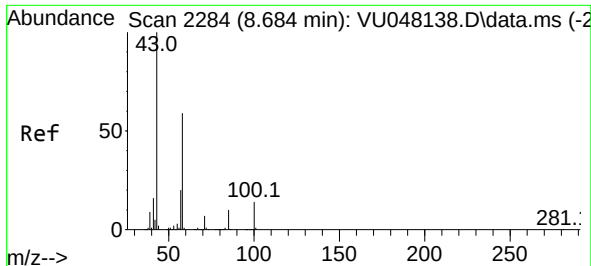
164 100

129 87.8 62.4 116.0

131 89.3 60.7 112.7

166 126.7 89.0 165.4

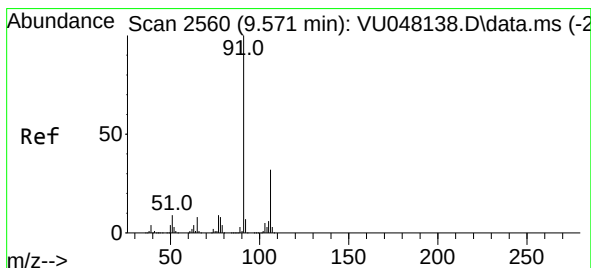
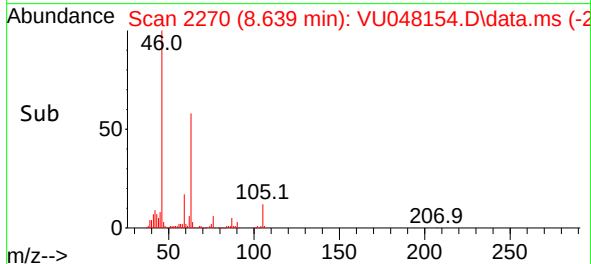
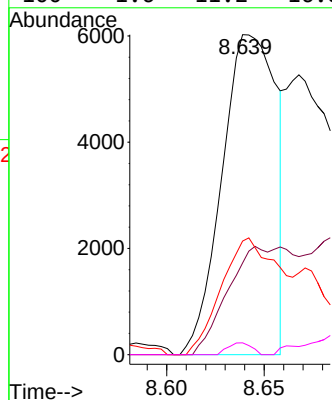
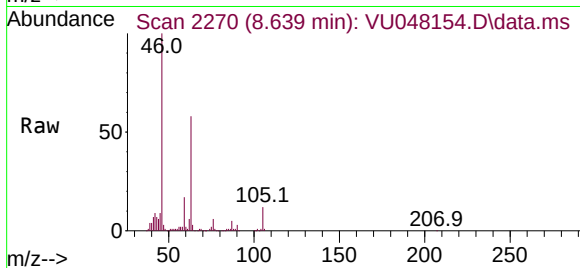




#48
2-Hexanone
Concen: 6.816 ug/L
RT: 8.639 min Scan# 2168
Delta R.T. -0.045 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

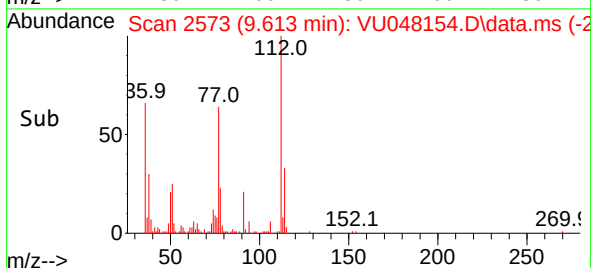
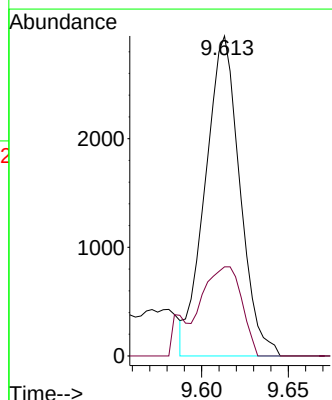
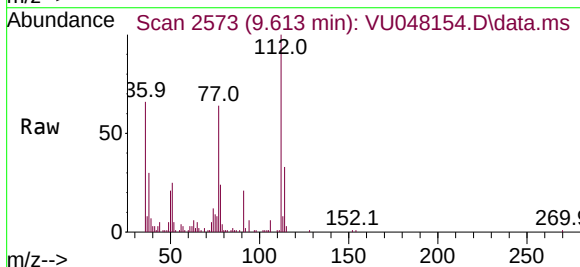
Instrument :
MSVOA_U
ClientSampleId :
C0J22

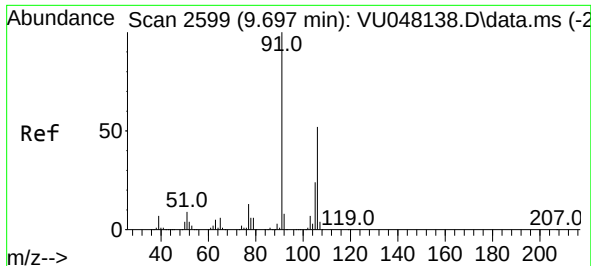
Tgt Ion: 43	Resp: 11618
Ion Ratio	Lower Upper
43 100	
58 25.4	48.1 72.1#
57 29.5	16.2 24.4#
100 1.6	11.2 16.8#



#52
Ethylbenzene
Concen: 0.719 ug/L
RT: 9.613 min Scan# 2573
Delta R.T. 0.042 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

Tgt Ion: 91	Resp: 4091		
Ion Ratio	Lower	Upper	
91 100			
106 27.9	22.4	41.6	

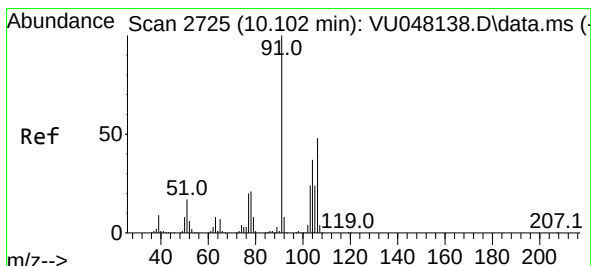
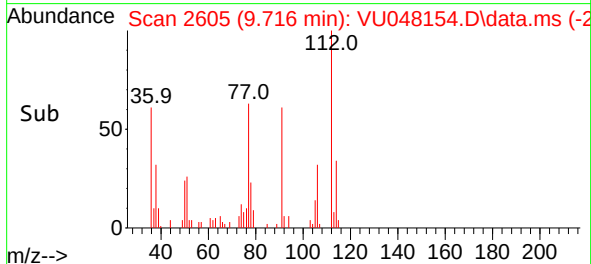
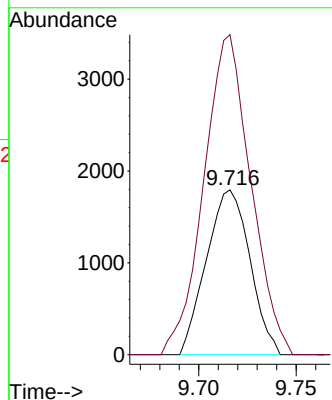
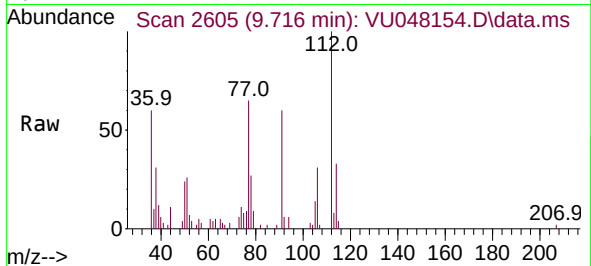




#53
m,p-Xylene
Concen: 1.248 ug/L
RT: 9.716 min Scan# 2605
Delta R.T. 0.019 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

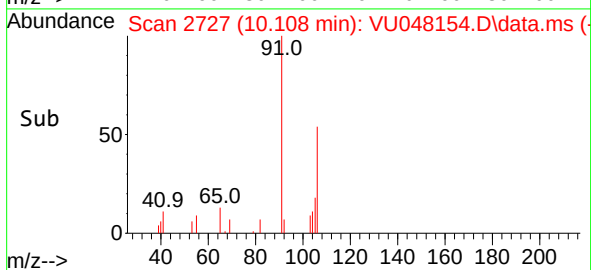
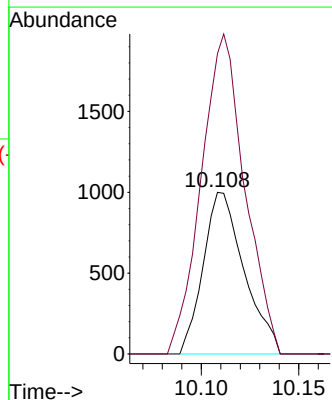
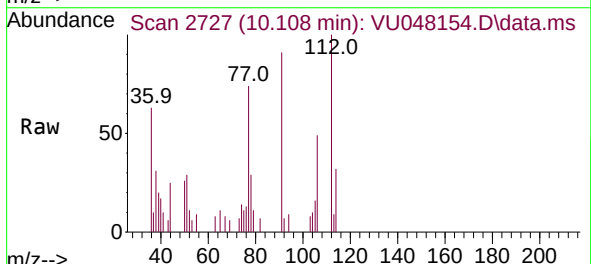
Instrument :
MSVOA_U
ClientSampleId :
C0J22

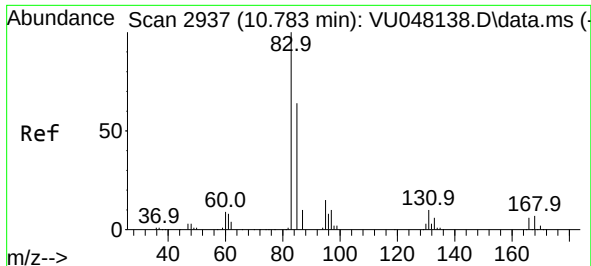
Tgt Ion:106 Resp: 2786
Ion Ratio Lower Upper
106 100
91 194.2 137.7 255.7



#54
o-Xylene
Concen: 0.665 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.006 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

Tgt Ion:106 Resp: 1458
Ion Ratio Lower Upper
106 100
91 185.7 146.7 272.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.934 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

C0J22

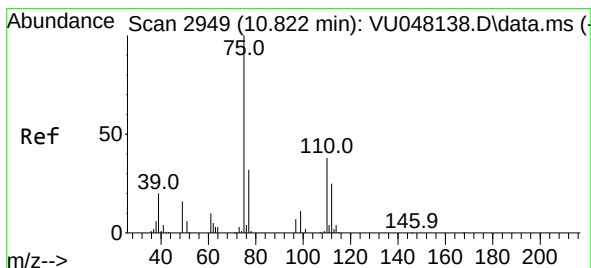
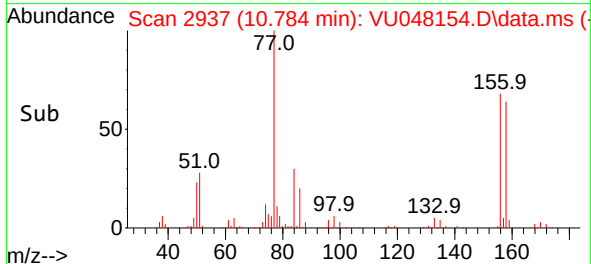
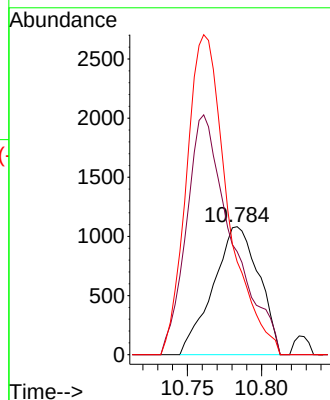
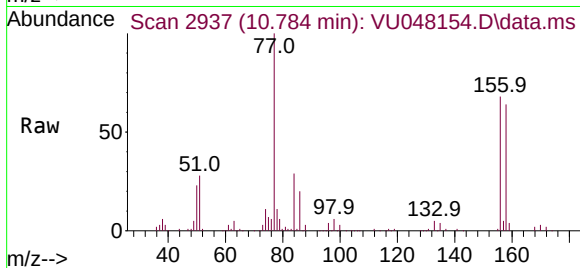
Tgt Ion: 83 Resp: 2329

Ion Ratio Lower Upper

83 100

85 80.5 44.9 83.3

131 72.6 8.6 13.0#



#60

1,2,3-Trichloropropane

Concen: 248.993 ug/L

RT: 10.790 min Scan# 2939

Delta R.T. -0.032 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

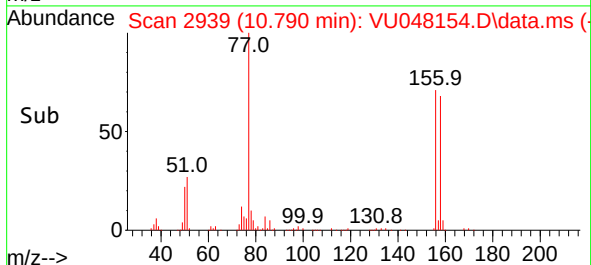
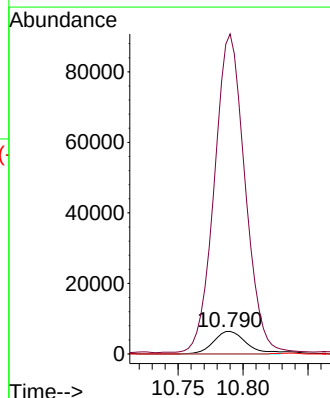
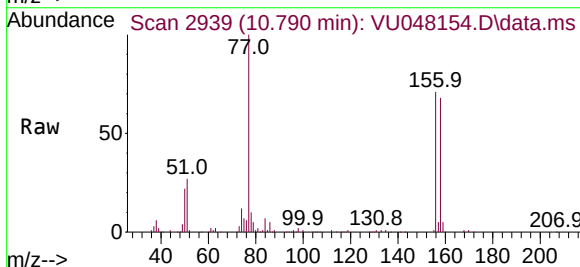
Tgt Ion: 75 Resp: 11303

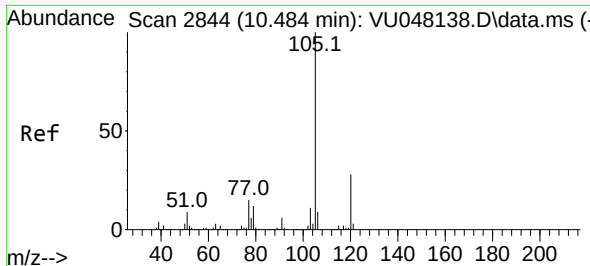
Ion Ratio Lower Upper

75 100

77 1304.5 26.0 39.0#

110 2.3 31.4 47.2#

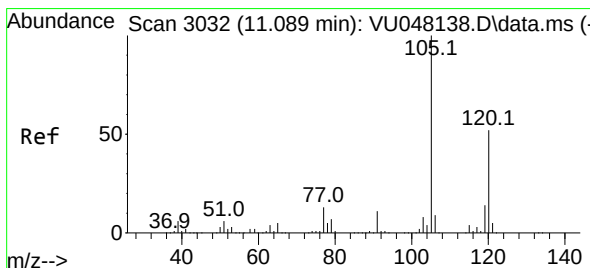
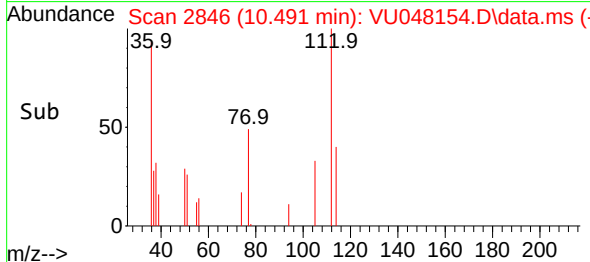
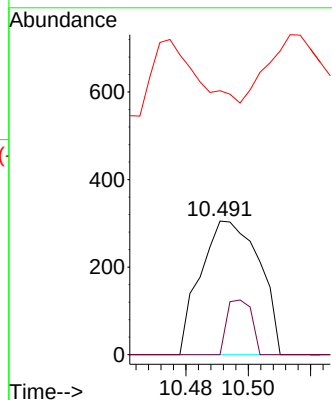
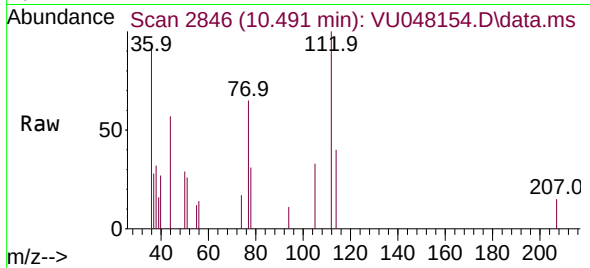




#61
Isopropylbenzene
Concen: 3.074 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.006 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

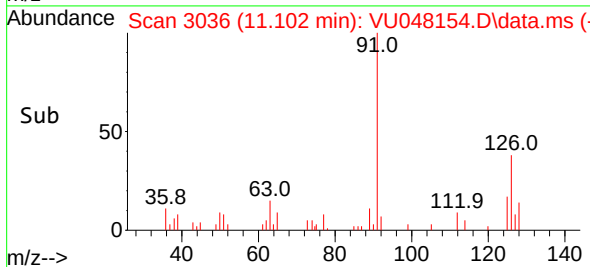
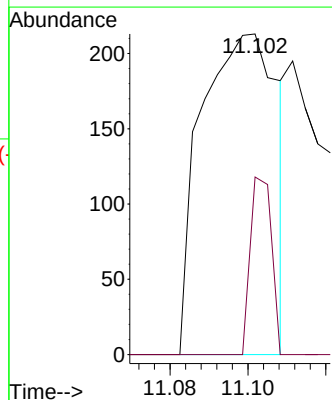
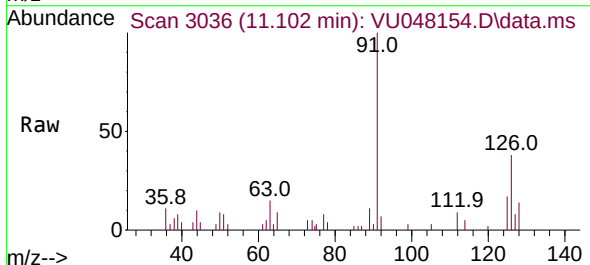
Instrument :
MSVOA_U
ClientSampleId :
C0J22

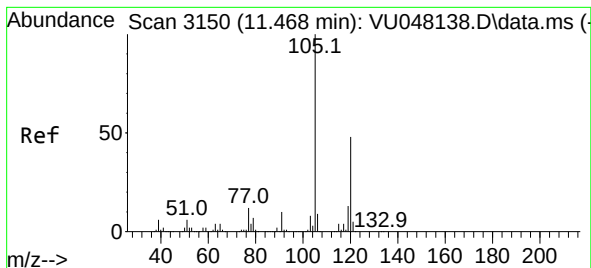
Tgt Ion:105 Resp: 400
Ion Ratio Lower Upper
105 100
120 17.0 21.9 32.9#
77 39.3 12.1 18.1#



#62
1,3,5-Trimethylbenzene
Concen: 4.079 ug/L
RT: 11.102 min Scan# 3036
Delta R.T. 0.013 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

Tgt Ion:105 Resp: 288
Ion Ratio Lower Upper
105 100
120 15.6 40.8 61.2#





#63

1,2,4-Trimethylbenzene

Concen: 14.946 ug/L

RT: 11.488 min Scan# 3150

Delta R.T. 0.019 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

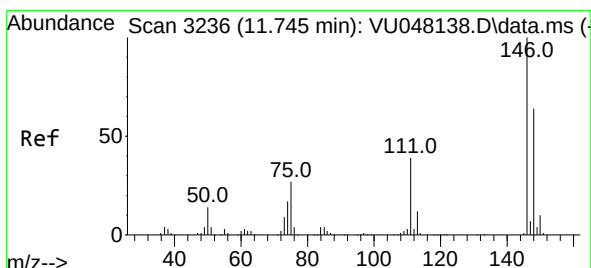
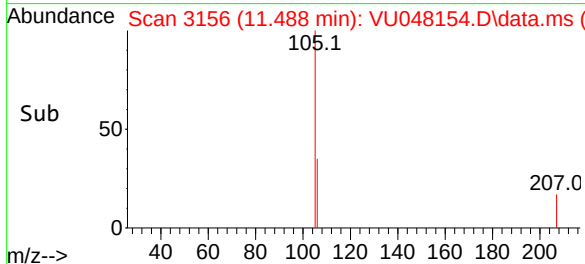
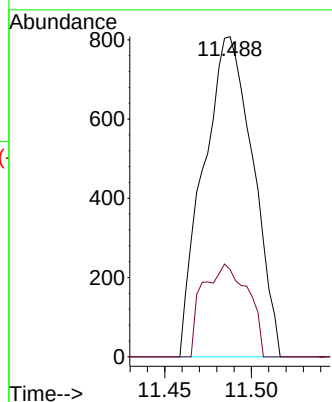
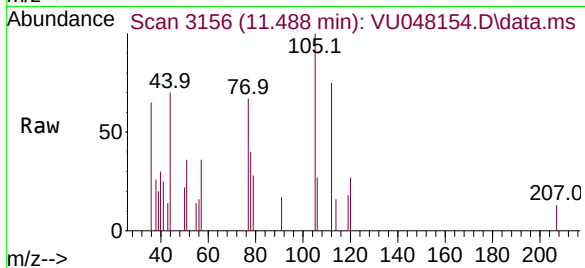
C0J22

Tgt Ion:105 Resp: 1603

Ion Ratio Lower Upper

105 100

120 17.8 37.6 56.4#



#64

1,3-Dichlorobenzene

Concen: 197294.311 ug/L

RT: 11.764 min Scan# 3242

Delta R.T. 0.019 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

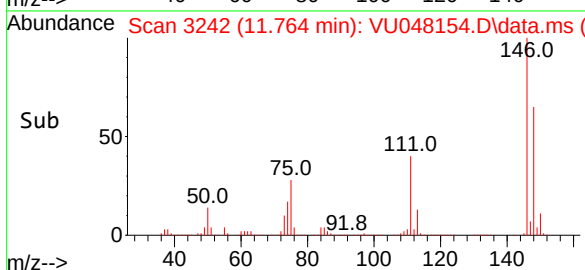
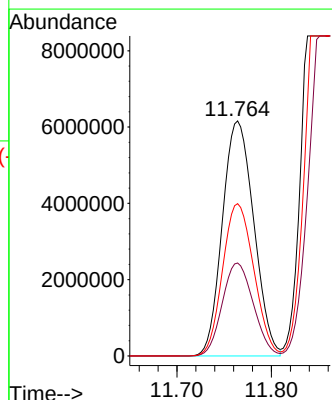
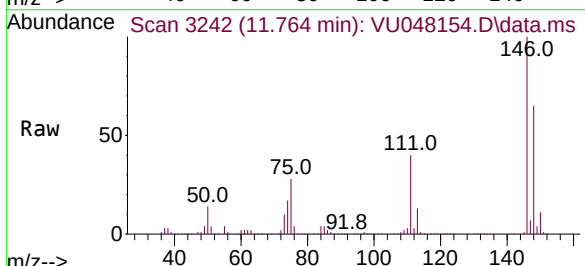
Tgt Ion:146 Resp:14271216

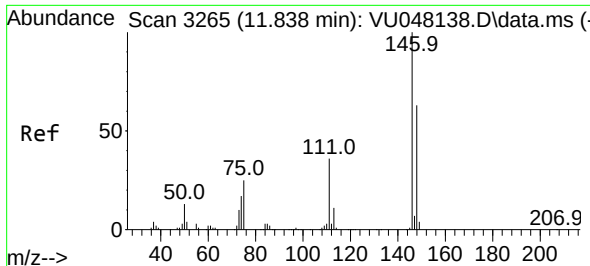
Ion Ratio Lower Upper

146 100

111 39.6 26.7 49.7

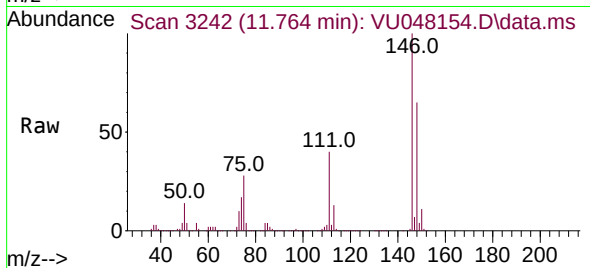
148 64.8 44.4 82.5



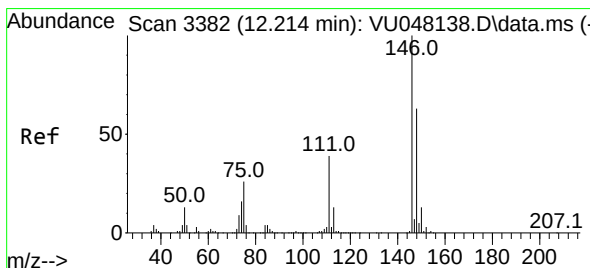
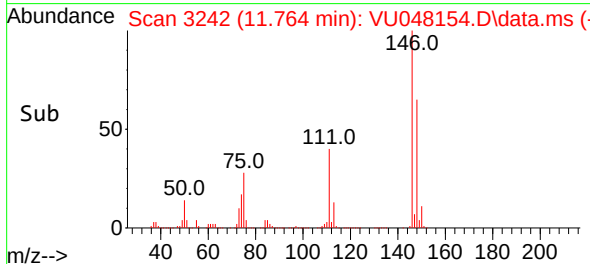
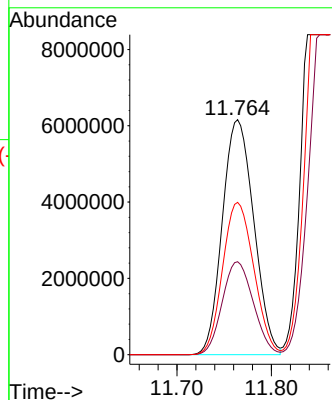


#65
1,4-Dichlorobenzene
Concen: 190476.052 ug/L
RT: 11.764 min Scan# 31
Delta R.T. -0.074 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

Instrument :
MSVOA_U
ClientSampleId :
C0J22

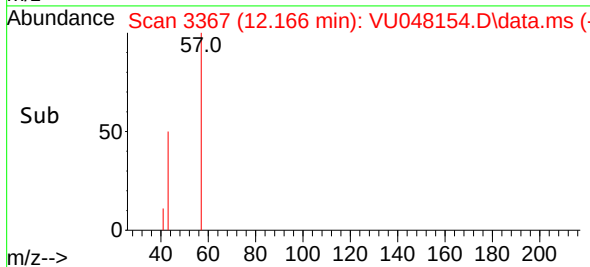
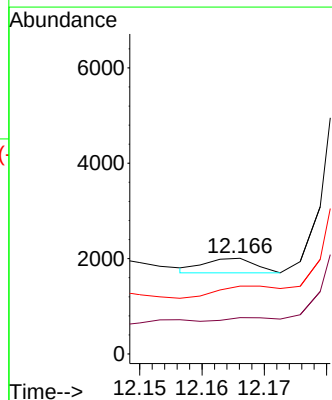
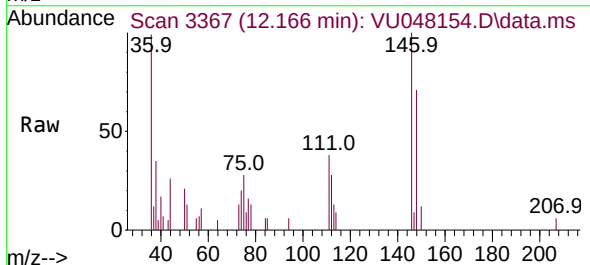


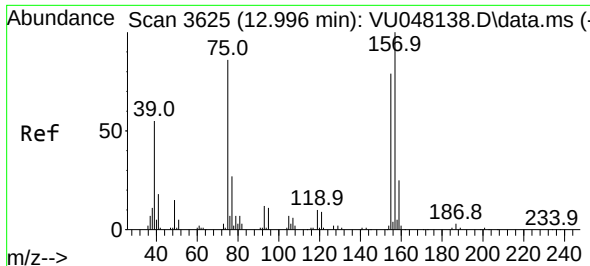
Tgt Ion:146 Resp:14271216
Ion Ratio Lower Upper
146 100
111 39.6 25.3 47.1
148 64.8 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 2.376 ug/L
RT: 12.166 min Scan# 3367
Delta R.T. -0.048 min
Lab File: VU048154.D
Acq: 20 Apr 2022 19:37

Tgt Ion:146 Resp: 172
Ion Ratio Lower Upper
146 100
111 38.0 31.7 47.5
148 70.8 51.4 77.2

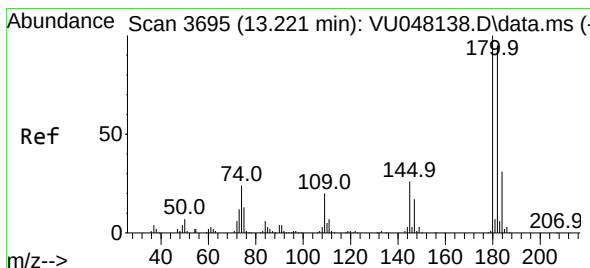
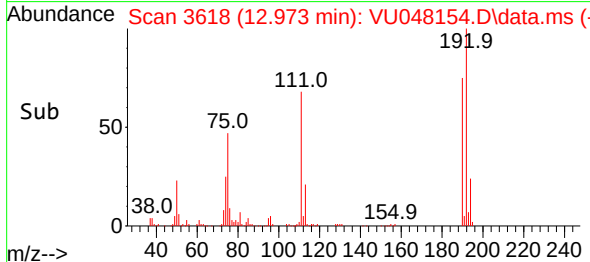
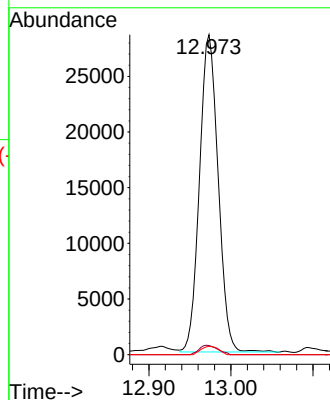
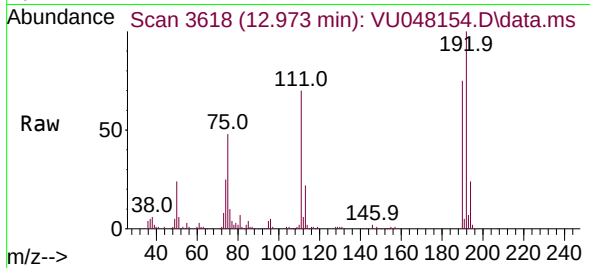




#68
 1,2-Dibromo-3-chloropropane
 Concen: 3095.660 ug/L
 RT: 12.973 min Scan# 3618
 Delta R.T. -0.022 min
 Lab File: VU048154.D
 Acq: 20 Apr 2022 19:37

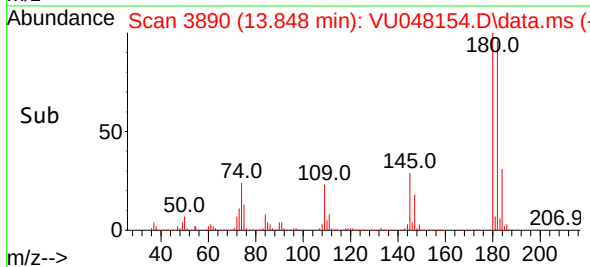
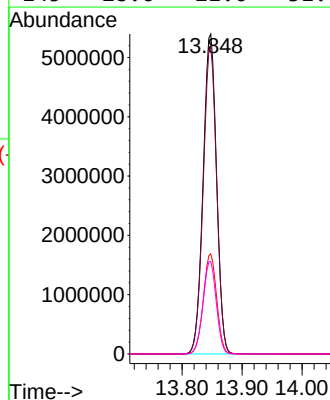
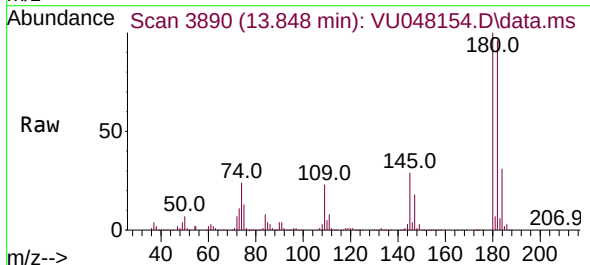
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J22

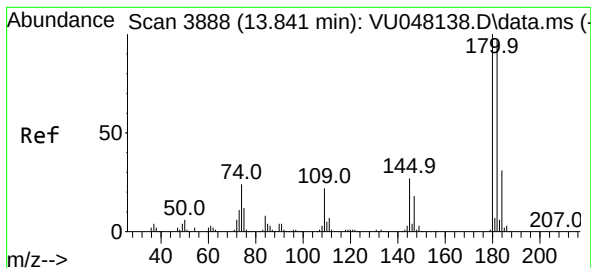
Tgt Ion: 75 Resp: 45014
 Ion Ratio Lower Upper
 75 100
 155 2.9 78.9 118.3#
 157 2.6 97.5 146.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 143479.569 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.627 min
 Lab File: VU048154.D
 Acq: 20 Apr 2022 19:37

Tgt Ion:180 Resp: 8428924
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.6
 184 31.1 24.5 36.7
 145 28.6 21.0 31.6





#70

1,2,4-trichlorobenzene

Concen: 163808.126 ug/L

RT: 13.848 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

C0J22

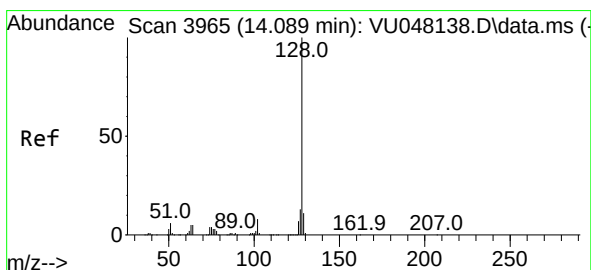
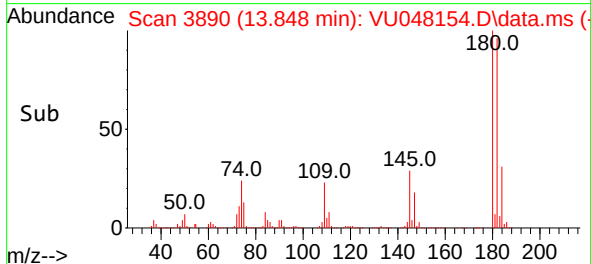
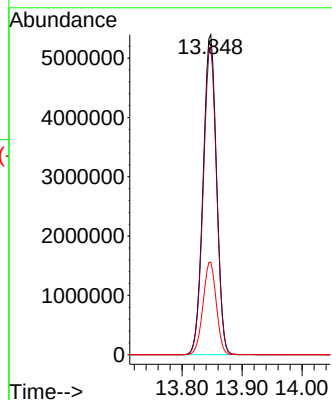
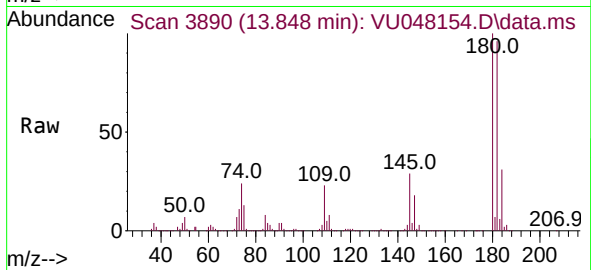
Tgt Ion:180 Resp: 8428924

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 28.6 21.8 32.8



#71

Naphthalene

Concen: 25.787 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU048154.D

Acq: 20 Apr 2022 19:37

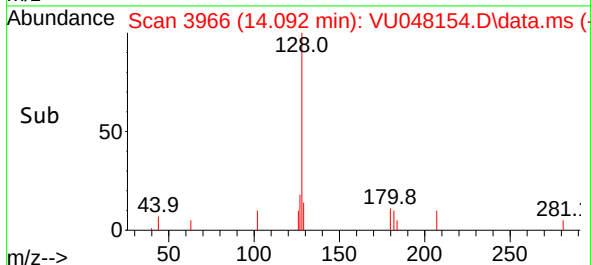
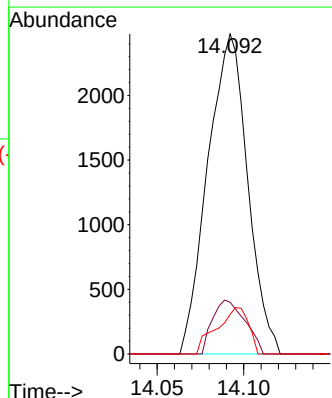
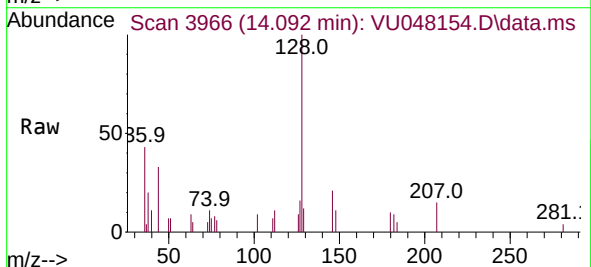
Tgt Ion:128 Resp: 3956

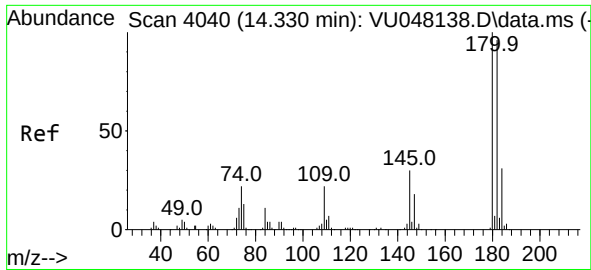
Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 11.6 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 36855.020 ug/L

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048154.D

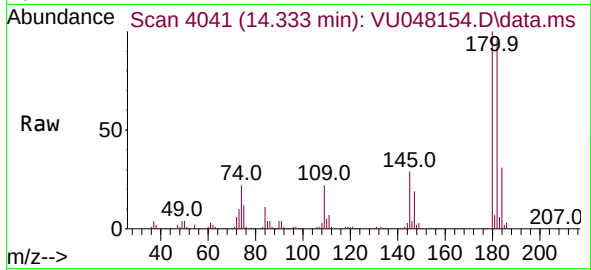
Acq: 20 Apr 2022 19:37

Instrument :

MSVOA_U

ClientSampleId :

C0J22



Tgt Ion:180 Resp: 1901115

Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.0

145 29.2 22.8 34.2

