

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047040.D
 Acq On : 04 Feb 2022 12:04
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:00:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	86720	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	47772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	5342	0.653	ug/L	0.00
7) Chloroethane-d5	1.916	69	4309	0.675	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	1692	0.531	ug/L	0.00
20) 2-Butanone-d5	4.645	46	9754	4.496	ug/L	0.01
24) Chloroform-d	5.070	84	8512	0.606	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	4222	0.562	ug/L	0.00
32) Benzene-d6	5.732	84	14786	0.480	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	5024	0.544	ug/L	0.00
41) Toluene-d8	7.902	98	11958	0.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	1662	0.415	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	5993	2.729	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	4093	0.456	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	4308	0.467	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	3932	0.487	ug/L	100
3) Chloromethane	1.526	50	5315	0.729	ug/L	98
5) Vinyl chloride	1.607	62	5180	0.690	ug/L	98
6) Bromomethane	1.861	94	2752	0.604	ug/L	98
8) Chloroethane	1.938	64	3139	0.716	ug/L	94
9) Trichlorofluoromethane	2.144	101	6524	0.700	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	3773	0.682	ug/L	96
12) 1,1-Dichloroethene	2.584	96	3168	0.613	ug/L	94
13) Acetone	2.645	43	7256	6.072	ug/L	94
14) Carbon disulfide	2.797	76	10783	0.649	ug/L	98
15) Methyl Acetate	2.967	43	1333	0.507	ug/L #	72
17) Methyl tert-butyl Ether	3.369	73	6451	0.476	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	3486	0.634	ug/L	90
19) 1,1-Dichloroethane	3.877	63	6265	0.658	ug/L	93
21) 2-Butanone	4.723	43	8756	4.607	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	1860	0.319	ug/L	87
23) Bromochloromethane	4.986	128	1634	0.575	ug/L	95
25) Chloroform	5.092	83	8564	0.604	ug/L	96
27) 1,2-Dichloroethane	5.803	62	4220	0.646	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	5614	0.601	ug/L	98
30) Cyclohexane	5.394	56	3737	0.414	ug/L	97
31) Carbon tetrachloride	5.533	117	4996	0.624	ug/L	85
33) Benzene	5.777	78	12573	0.518	ug/L	100
34) Trichloroethene	6.546	95	3551	0.571	ug/L	90
35) Methylcyclohexane	6.767	83	3785	0.376	ug/L	93
37) 1,2-Dichloropropane	6.796	63	3630	0.598	ug/L #	88
38) Bromodichloromethane	7.111	83	4839	0.563	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	4016	0.446	ug/L	90
40) 4-Methyl-2-pentanone	7.796	43	16305	3.957	ug/L	91
42) Toluene	7.976	91	11391	0.393	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	3667	0.455	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	2636	0.525	ug/L	90

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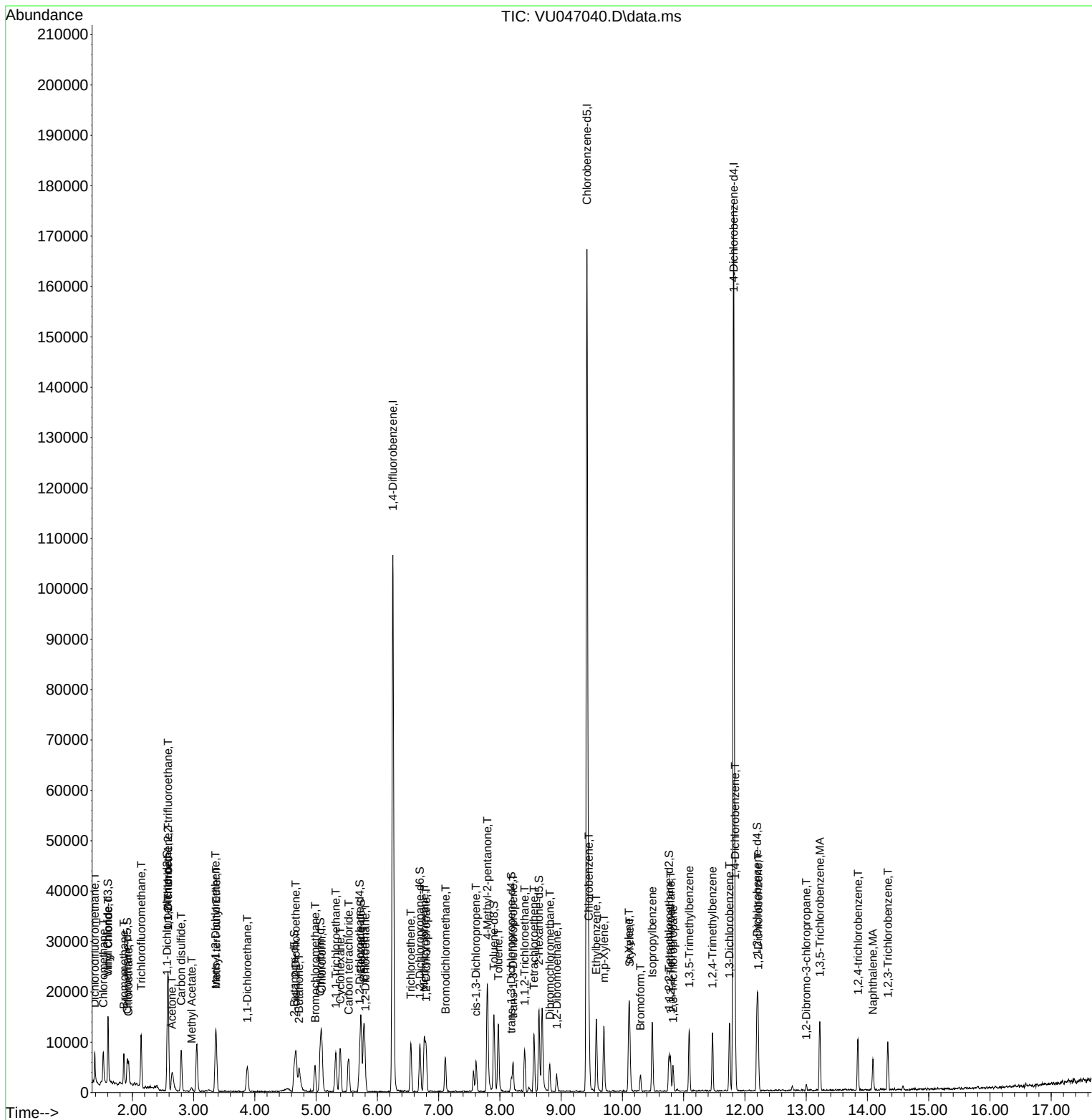
Quant Time: Feb 05 01:00:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
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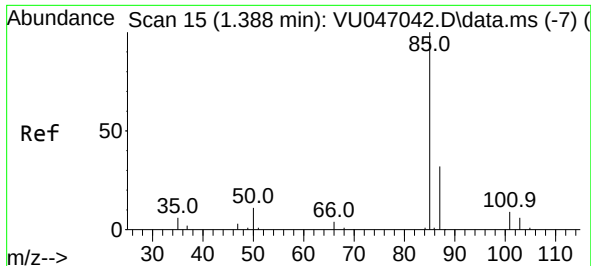
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Tetrachloroethene	8.555	164	2713	0.540	ug/L	97
49) Dibromochloromethane	8.816	129	3120	0.530	ug/L	96
50) 1,2-Dibromoethane	8.928	107	2390	0.483	ug/L #	90
51) Chlorobenzene	9.452	112	8769	0.524	ug/L	95
52) Ethylbenzene	9.574	91	11749	0.436	ug/L	97
53) m,p-Xylene	9.700	106	4067	0.380	ug/L	89
54) o-Xylene	10.105	106	3535	0.340	ug/L	89
55) Styrene	10.118	104	6138	0.357	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.787	83	3459	0.520	ug/L #	96
59) Bromoform	10.295	173	1490	0.512	ug/L #	94
60) Isopropylbenzene	10.488	105	9222	0.412	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	2114	0.518	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	7156	0.400	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	6646	0.361	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	5917	0.520	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	6415	0.556	ug/L	90
67) 1,2-Dichlorobenzene	12.217	146	5979	0.545	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.002	75	525	0.636	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.224	180	4753	0.538	ug/L	96
70) 1,2,4-trichlorobenzene	13.844	180	3528	0.486	ug/L	95
71) Naphthalene	14.089	128	5415	0.379	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	3286	0.473	ug/L	96

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

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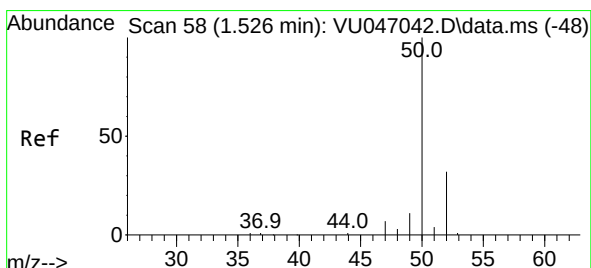
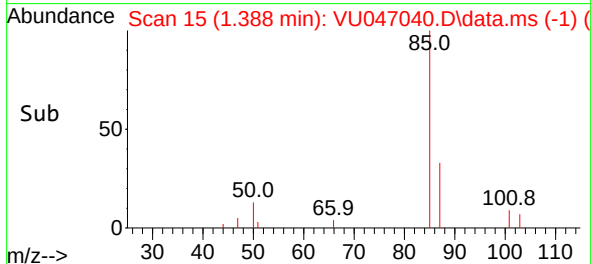
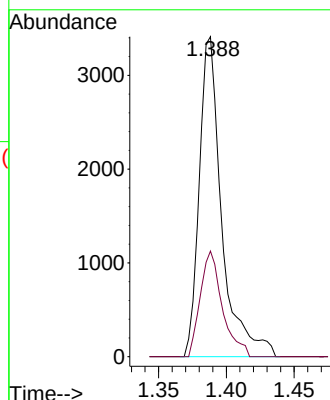
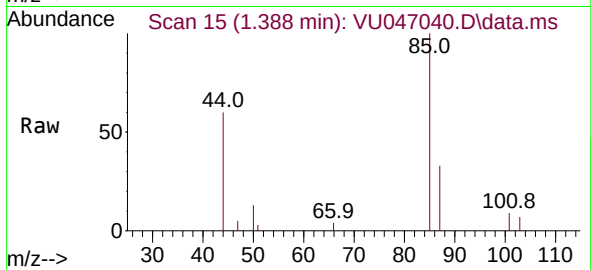




#2
 Dichlorodifluoromethane
 Concen: 0.487 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU047040.D
 Acq: 04 Feb 2022 12:04

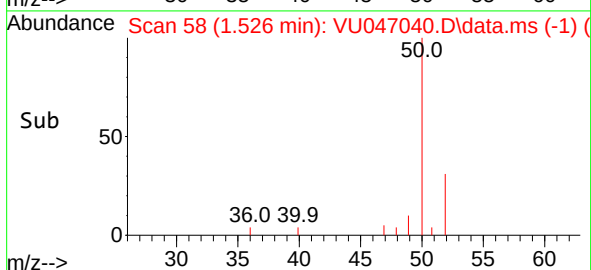
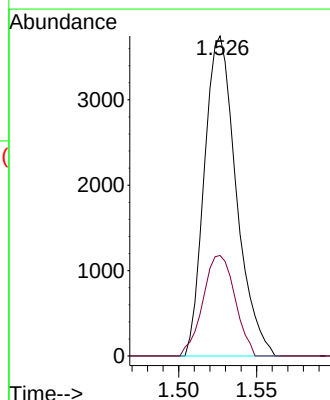
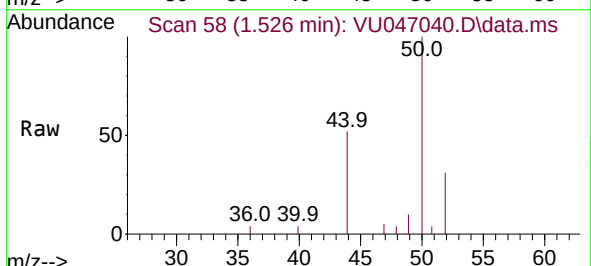
Instrument :
 MSVOA_U
 ClientSampleId :

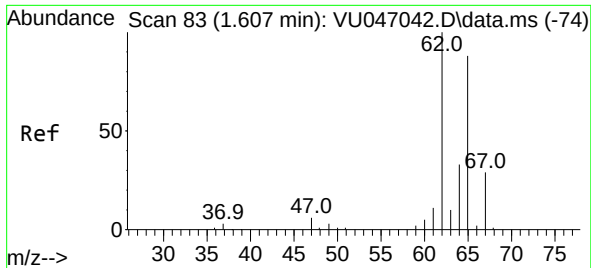
Tgt Ion: 85 Resp: 3932
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 0.729 ug/L
 RT: 1.526 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VU047040.D
 Acq: 04 Feb 2022 12:04

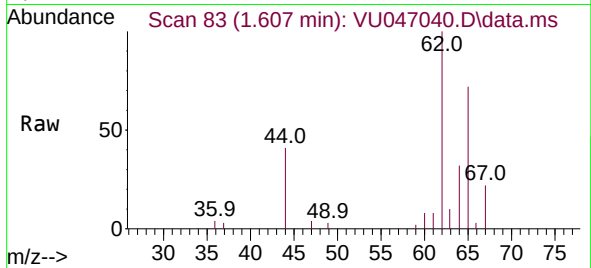
Tgt Ion: 50 Resp: 5315
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.7 42.3



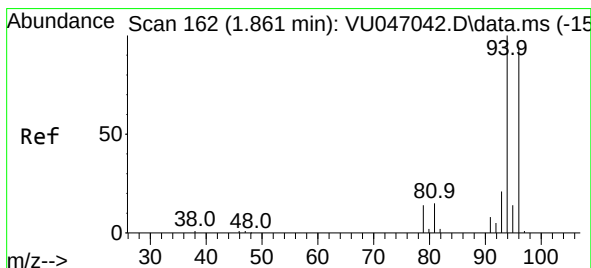
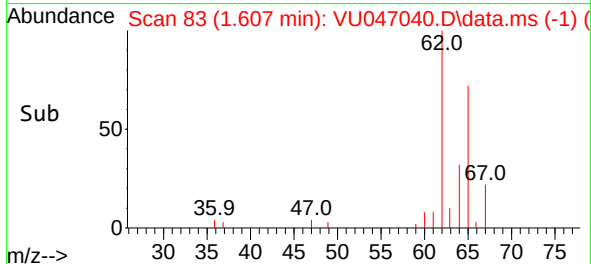
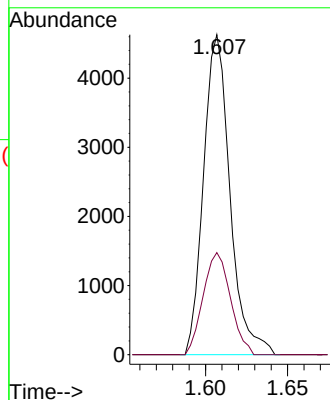


#5
 Vinyl chloride
 Concen: 0.690 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047040.D
 Acq: 04 Feb 2022 12:04

Instrument :
 MSVOA_U
 ClientSampleId :

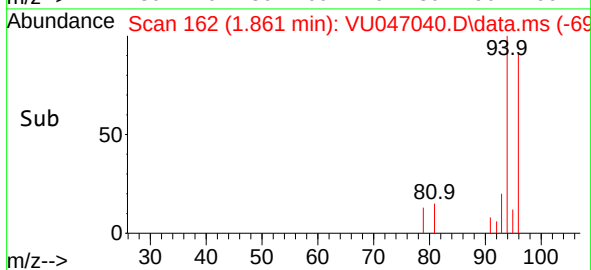
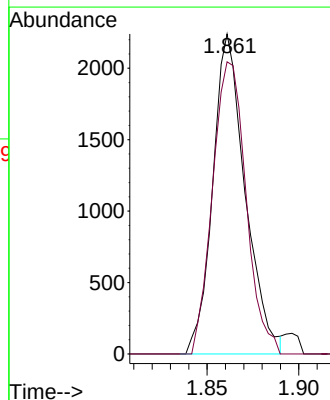
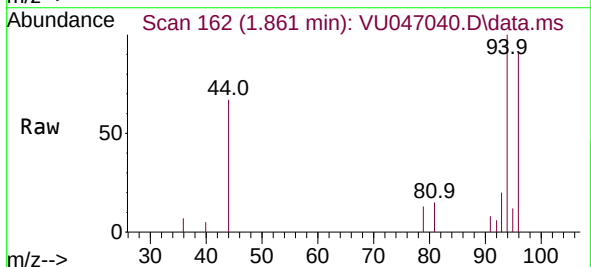


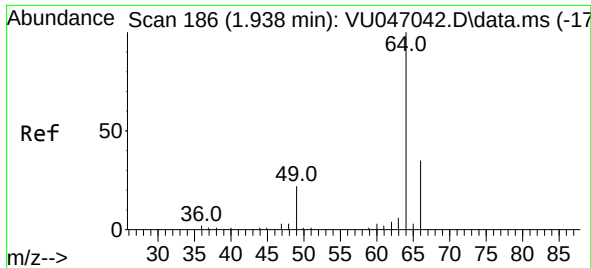
Tgt Ion: 62 Resp: 5180
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.1 42.9



#6
 Bromomethane
 Concen: 0.604 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047040.D
 Acq: 04 Feb 2022 12:04

Tgt Ion: 94 Resp: 2752
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.6 121.8

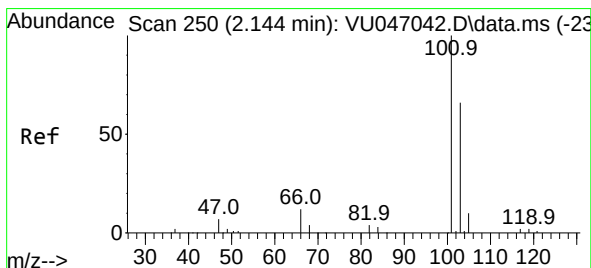
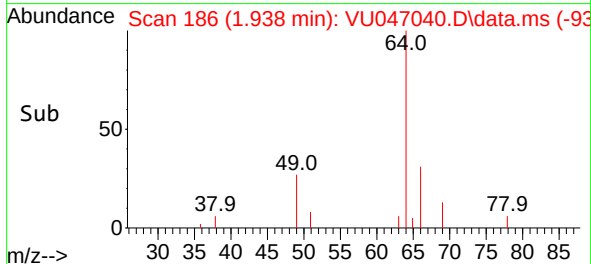
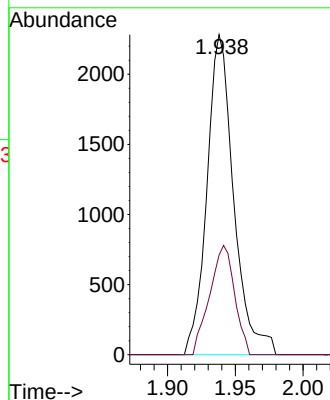
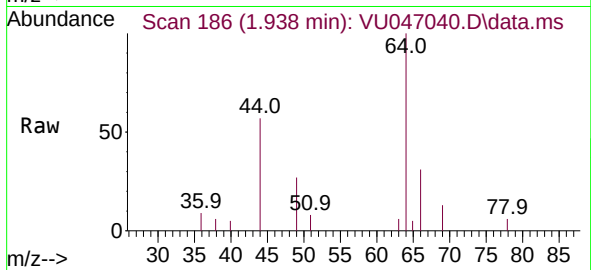




#8
Chloroethane
Concen: 0.716 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

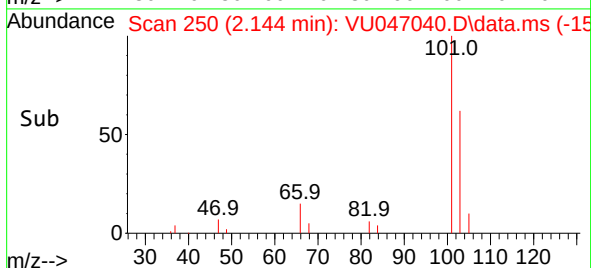
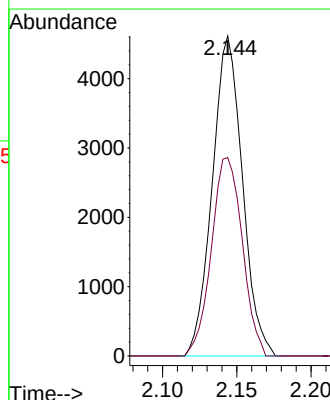
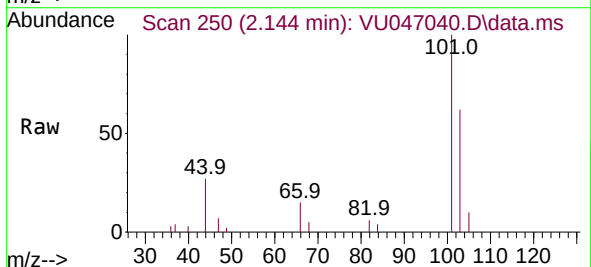
Instrument :
MSVOA_U
ClientSampleId :

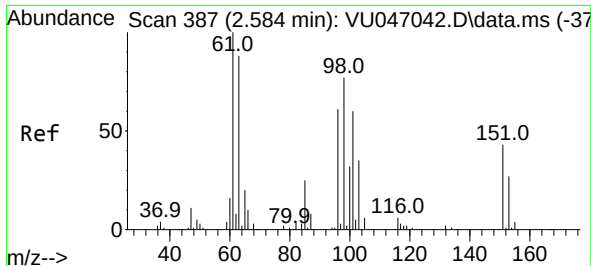
Tgt Ion: 64 Resp: 3139
Ion Ratio Lower Upper
64 100
66 31.2 24.4 45.4



#9
Trichlorofluoromethane
Concen: 0.700 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion:101 Resp: 6524
Ion Ratio Lower Upper
101 100
103 63.4 51.7 77.5





#10

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

Concen: 0.682 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

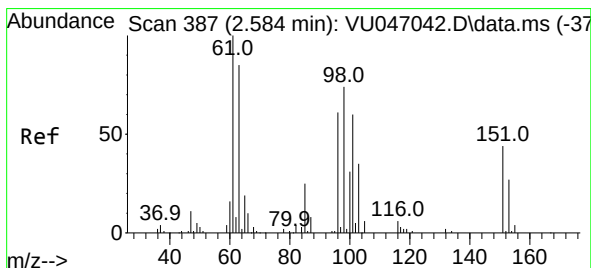
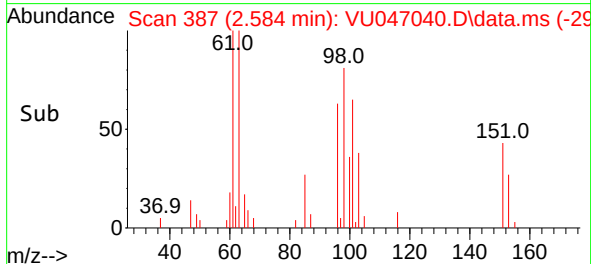
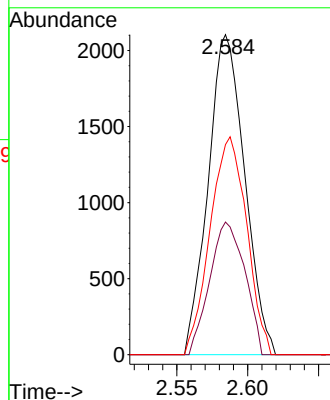
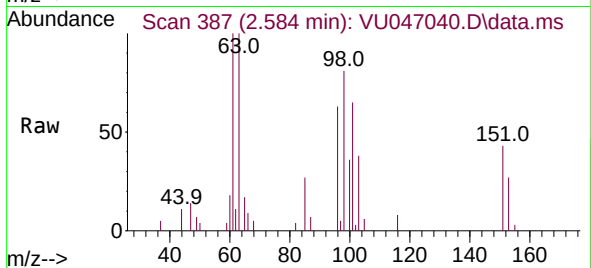
Tgt Ion:101 Resp: 3773

Ion Ratio Lower Upper

101 100

85 39.9 33.8 50.6

151 68.2 57.2 85.8



#12

1,1-Dichloroethene

Concen: 0.613 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

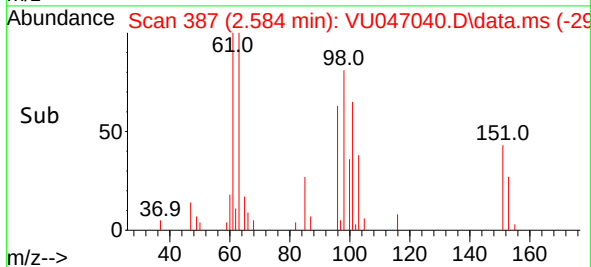
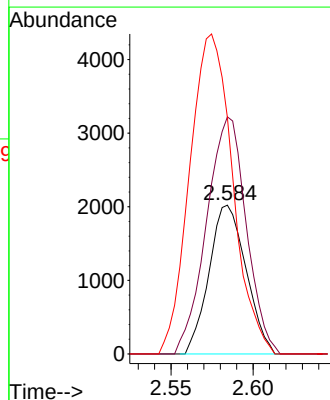
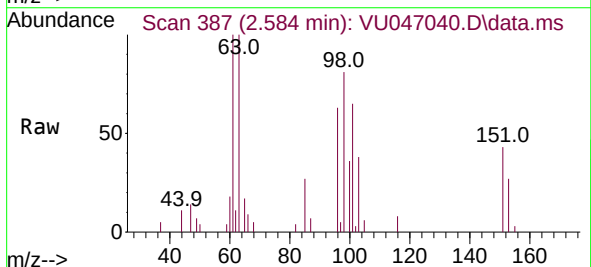
Tgt Ion: 96 Resp: 3168

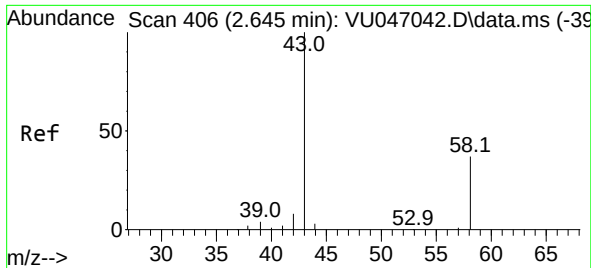
Ion Ratio Lower Upper

96 100

61 159.3 115.5 214.5

63 158.9 103.6 192.4





#13

Acetone

Concen: 6.072 ug/L

RT: 2.645 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

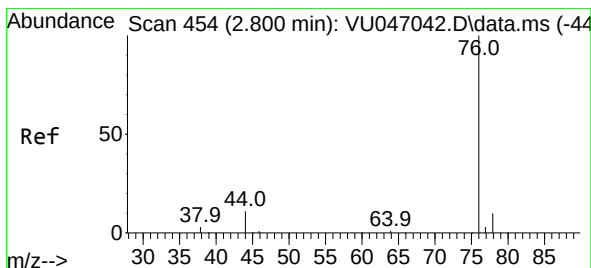
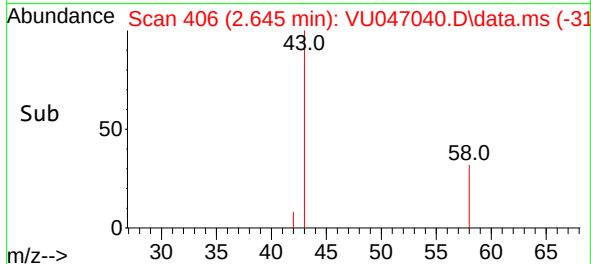
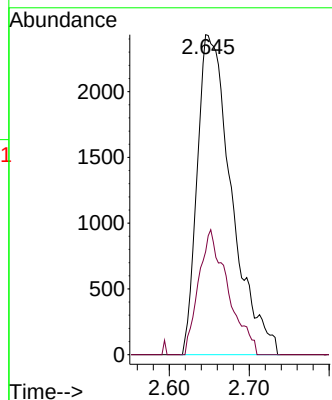
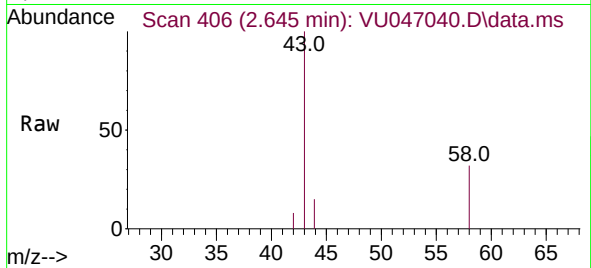
ClientSampleId :

Tgt Ion: 43 Resp: 7256

Ion Ratio Lower Upper

43 100

58 33.4 0.0 74.0



#14

Carbon disulfide

Concen: 0.649 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU047040.D

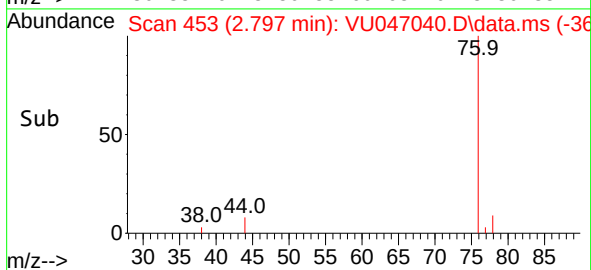
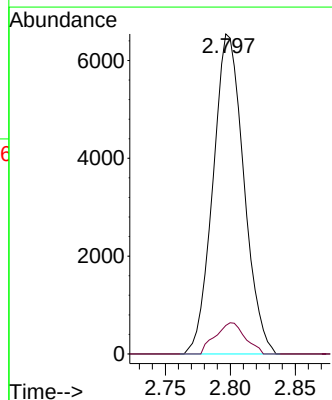
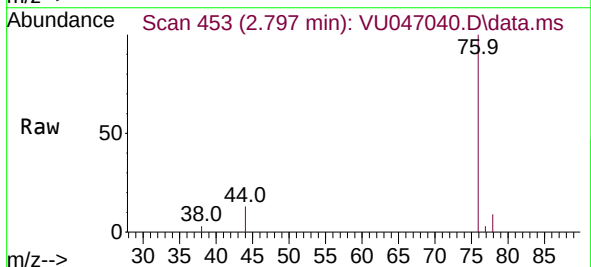
Acq: 04 Feb 2022 12:04

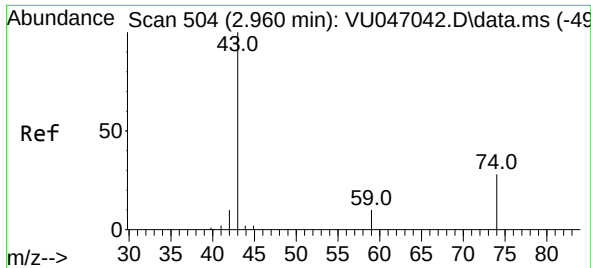
Tgt Ion: 76 Resp: 10783

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6

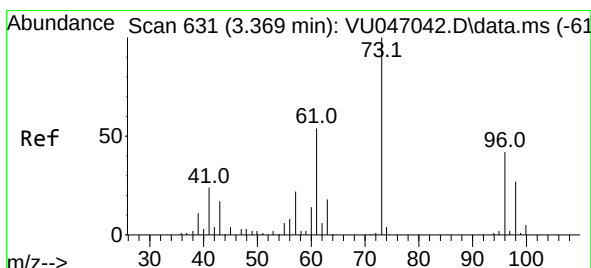
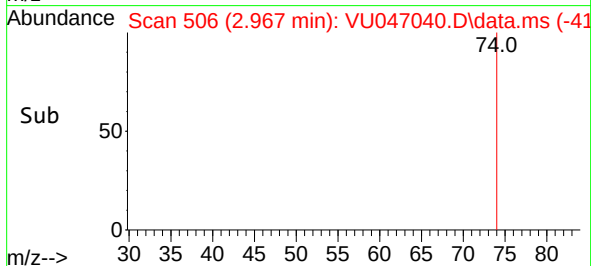
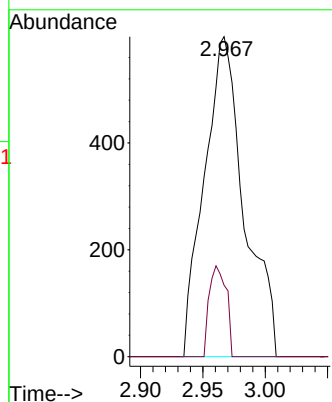
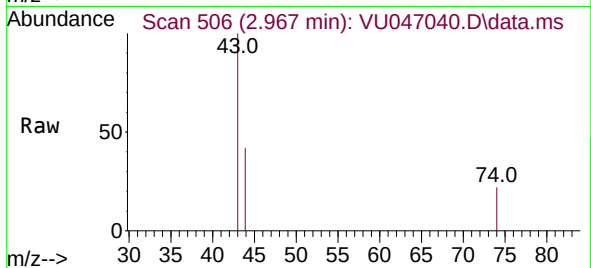




#15
Methyl Acetate
Concen: 0.507 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

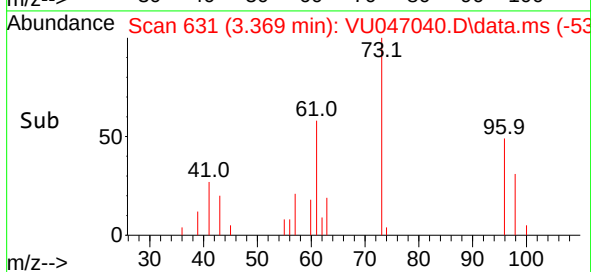
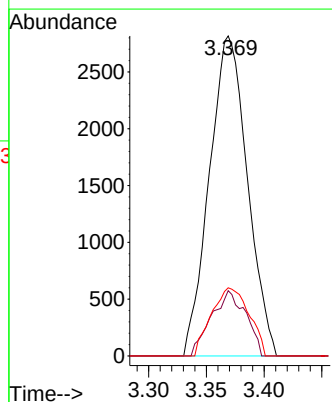
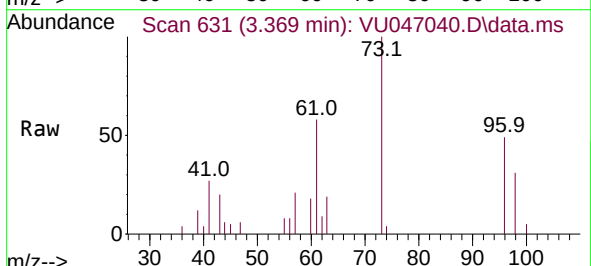
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MSVOA_U
ClientSampleId :

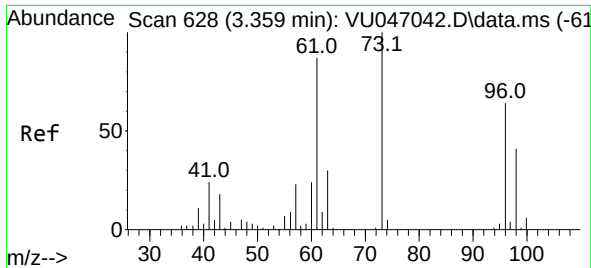
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
74 12.1 21.0 31.4#



#17
Methyl tert-butyl Ether
Concen: 0.476 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

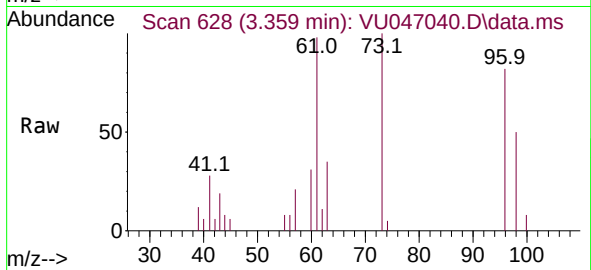
Tgt Ion: 73 Resp: 6451
Ion Ratio Lower Upper
73 100
43 18.5 13.9 20.9
57 21.1 17.4 26.0





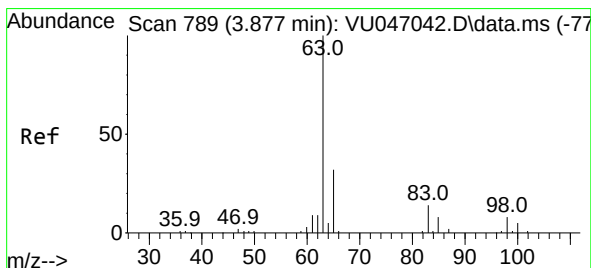
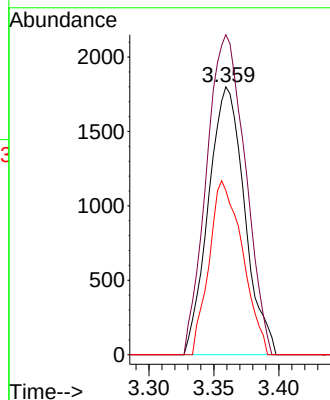
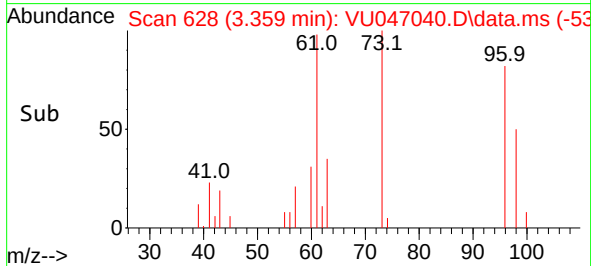
#18
trans-1,2-Dichloroethene
Concen: 0.634 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Instrument :
MSVOA_U
ClientSampleId :

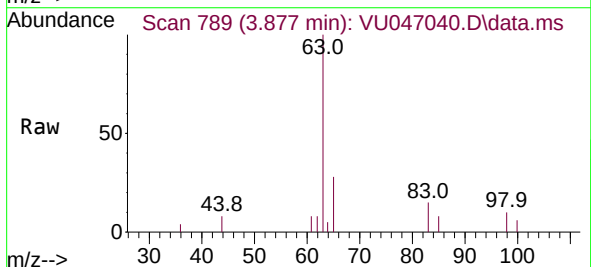


Tgt Ion: 96 Resp: 3486

Ion	Ratio	Lower	Upper
96	100		
61	119.5	95.1	176.7
98	61.4	44.8	83.2

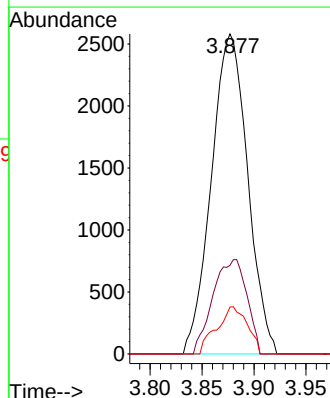
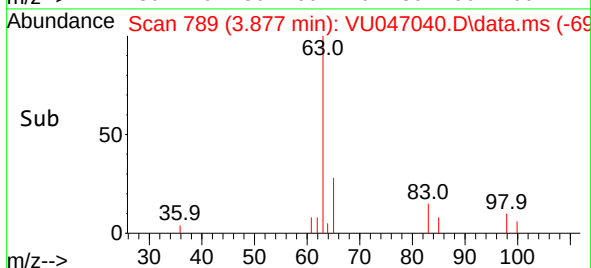


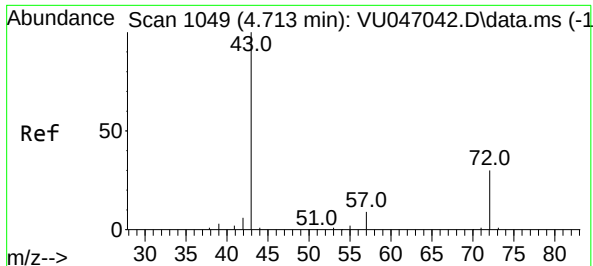
#19
1,1-Dichloroethane
Concen: 0.658 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04



Tgt Ion: 63 Resp: 6265

Ion	Ratio	Lower	Upper
63	100		
65	27.7	22.7	42.1
83	14.7	9.7	17.9





#21

2-Butanone

Concen: 4.607 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

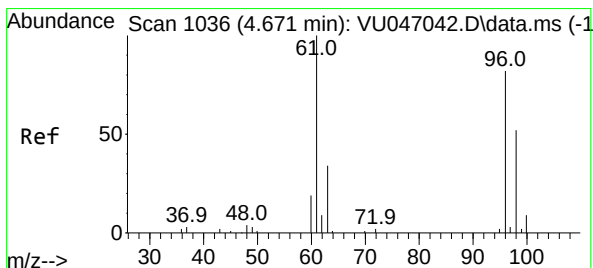
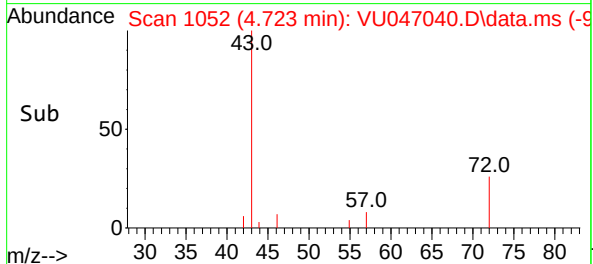
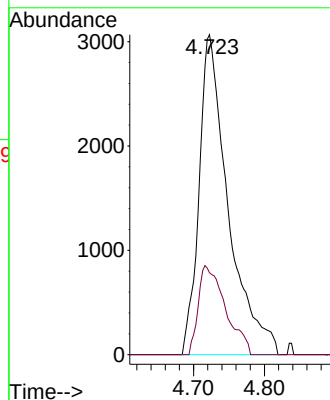
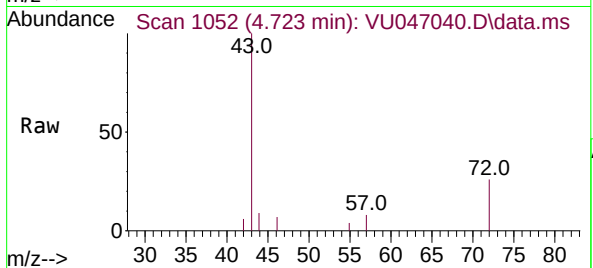
ClientSampleId :

Tgt Ion: 43 Resp: 8756

Ion Ratio Lower Upper

43 100

72 25.9 15.0 45.0



#22

cis-1,2-Dichloroethene

Concen: 0.319 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

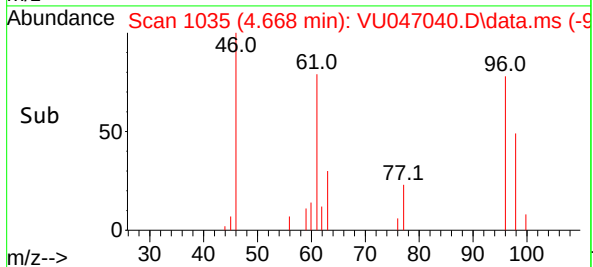
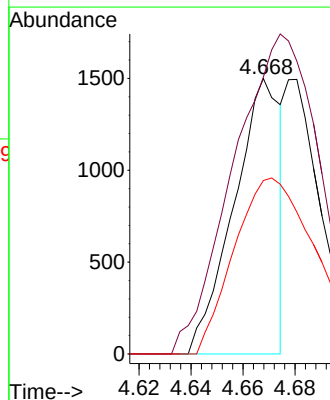
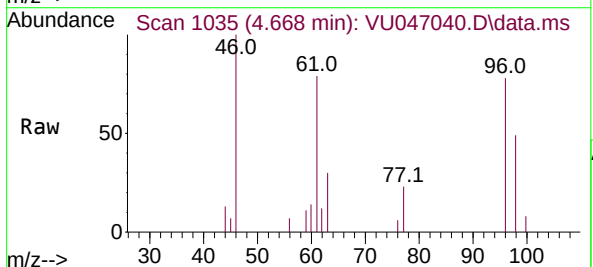
Tgt Ion: 96 Resp: 1860

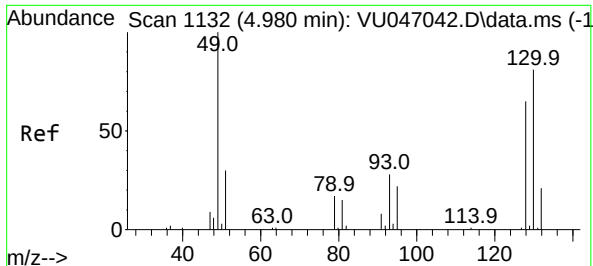
Ion Ratio Lower Upper

96 100

61 100.6 85.6 159.0

98 63.0 44.7 83.1





#23

Bromochloromethane

Concen: 0.575 ug/L

RT: 4.986 min Scan# 1134

Delta R.T. 0.006 min

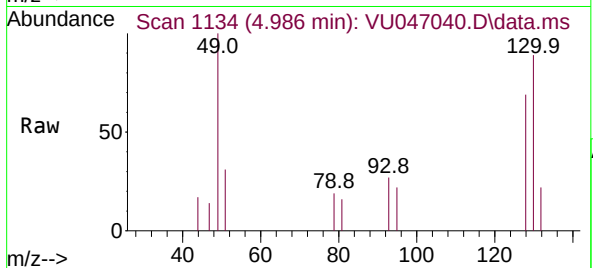
Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1634

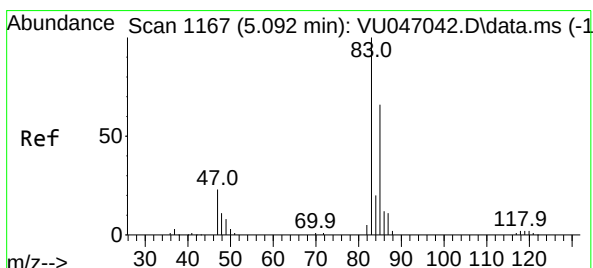
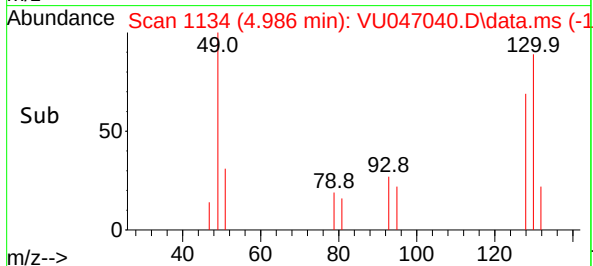
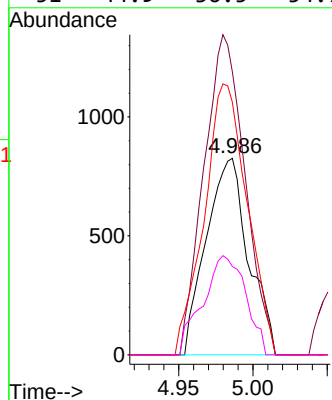
Ion Ratio Lower Upper

128 100

49 144.1 107.4 199.6

130 128.6 87.3 162.1

51 44.9 36.5 54.7



#25

Chloroform

Concen: 0.604 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047040.D

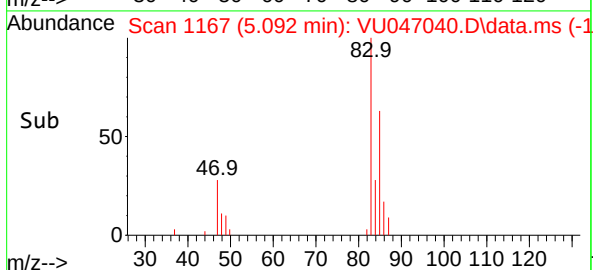
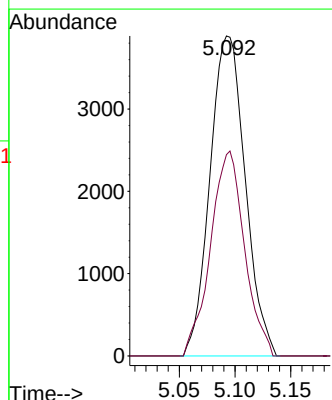
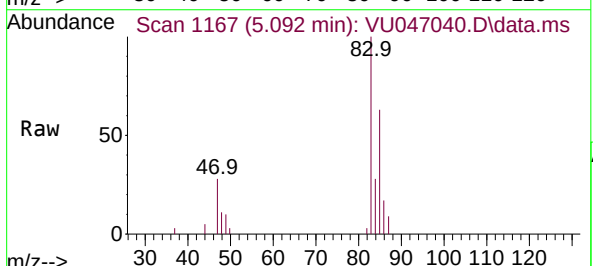
Acq: 04 Feb 2022 12:04

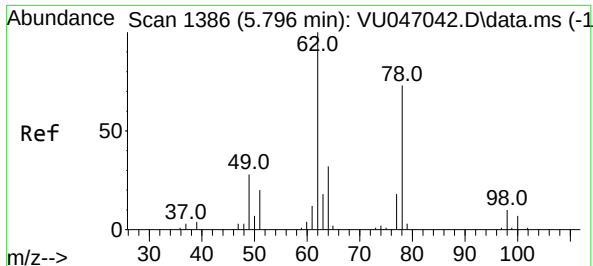
Tgt Ion: 83 Resp: 8564

Ion Ratio Lower Upper

83 100

85 62.9 46.2 85.8

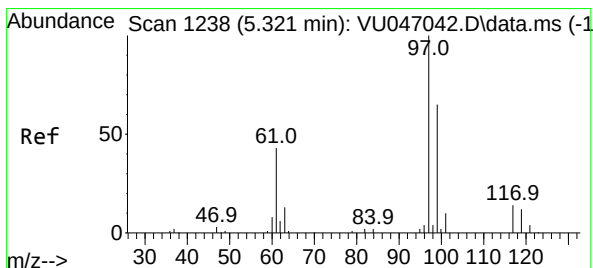
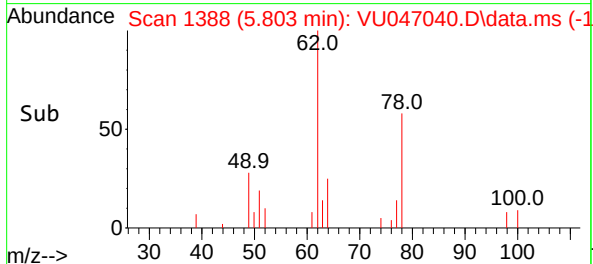
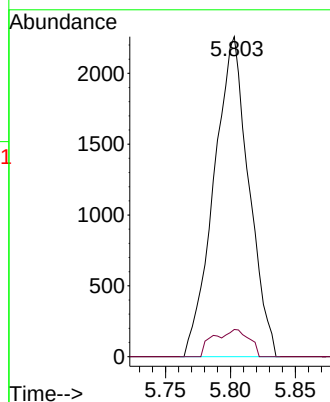
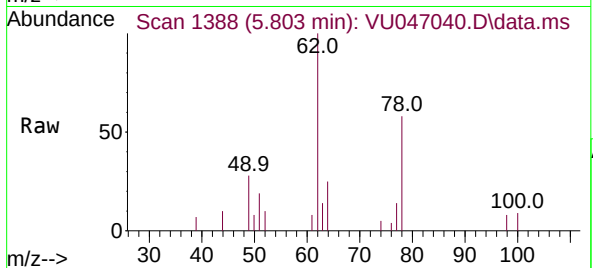




#27
1,2-Dichloroethane
Concen: 0.646 ug/L
RT: 5.803 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

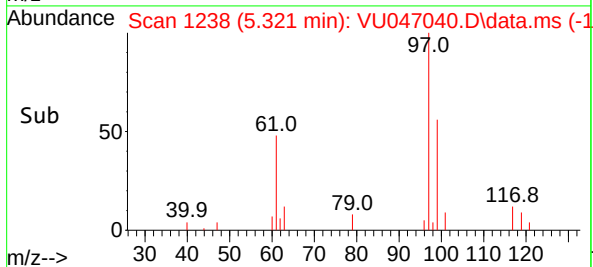
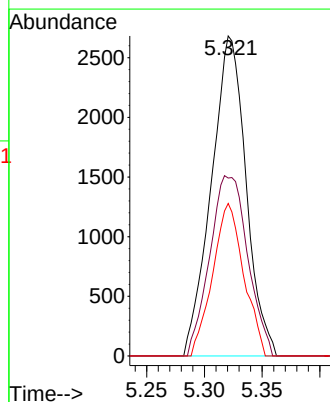
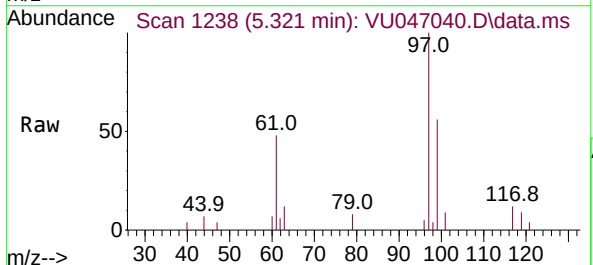
Instrument :
MSVOA_U
ClientSampleId :

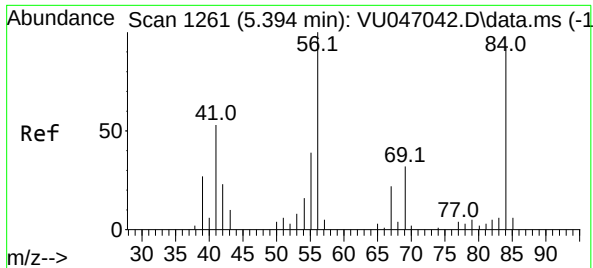
Tgt Ion: 62 Resp: 4220
Ion Ratio Lower Upper
62 100
98 8.5 8.0 12.0



#29
1,1,1-Trichloroethane
Concen: 0.601 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion: 97 Resp: 5614
Ion Ratio Lower Upper
97 100
99 61.7 51.5 77.3
61 42.7 34.6 52.0

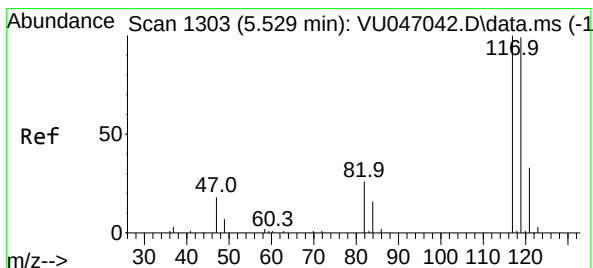
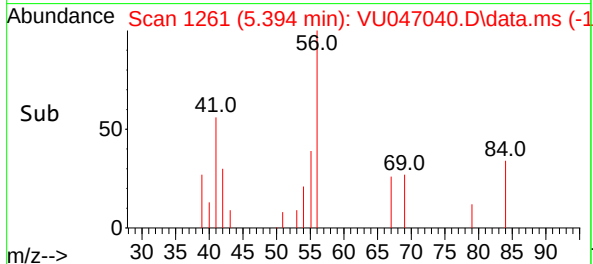
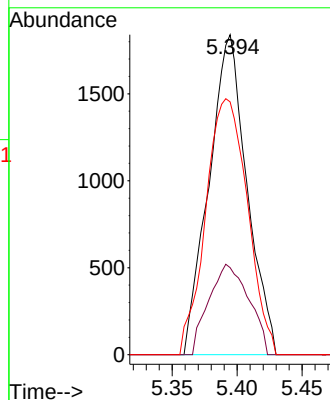
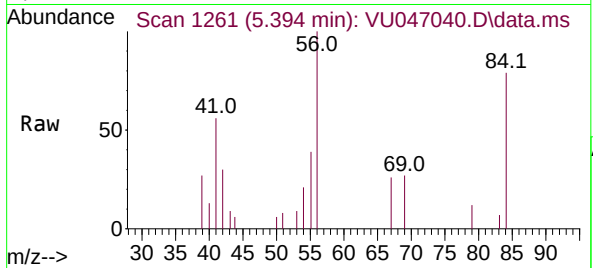




#30
Cyclohexane
Concen: 0.414 ug/L
RT: 5.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

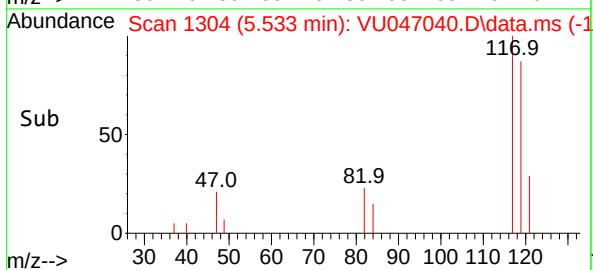
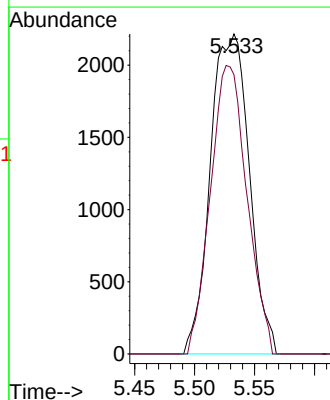
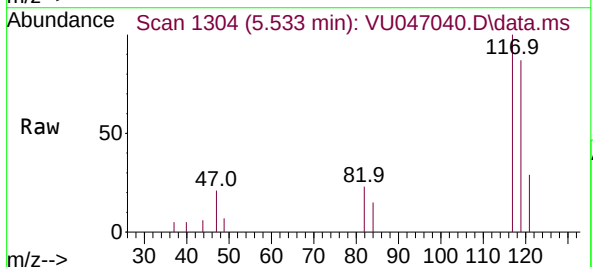
Instrument :
MSVOA_U
ClientSampleId :

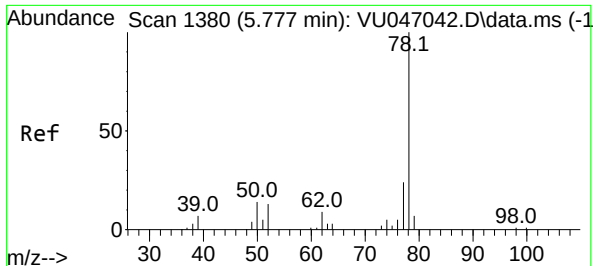
Tgt Ion: 56 Resp: 3737
Ion Ratio Lower Upper
56 100
69 29.8 24.7 37.1
84 88.1 73.0 109.6



#31
Carbon tetrachloride
Concen: 0.624 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion: 117 Resp: 4996
Ion Ratio Lower Upper
117 100
119 84.6 79.8 119.8





#33

Benzene

Concen: 0.518 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU047040.D

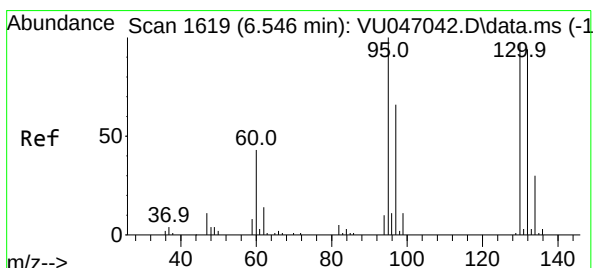
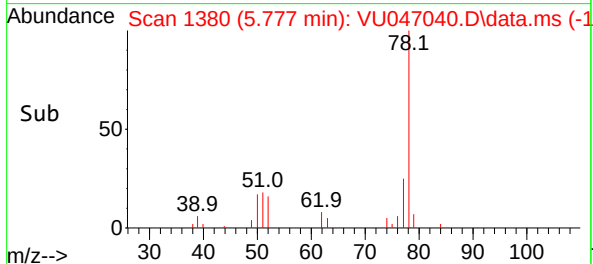
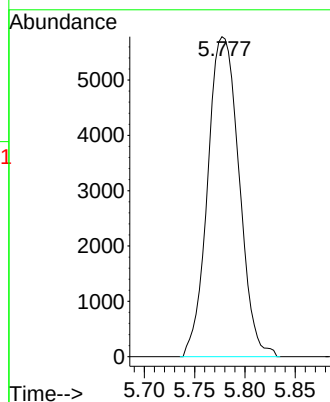
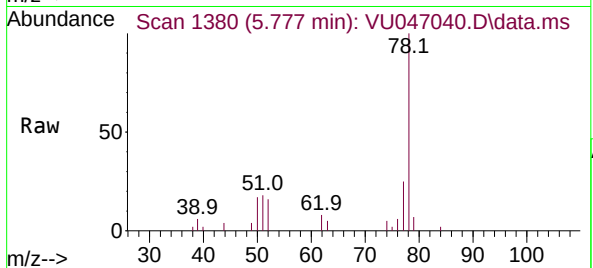
Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 12573



#34

Trichloroethene

Concen: 0.571 ug/L

RT: 6.546 min Scan# 1619

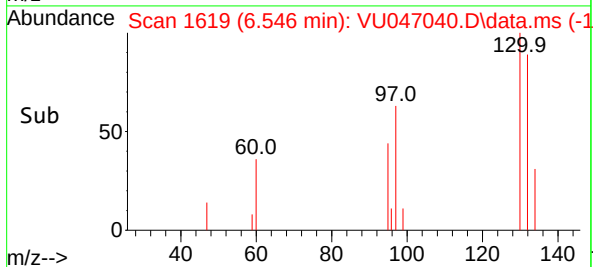
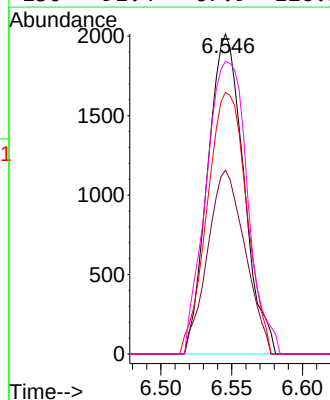
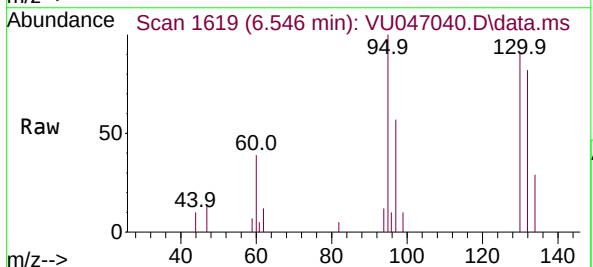
Delta R.T. 0.000 min

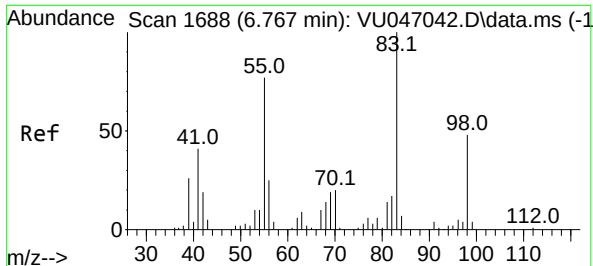
Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Tgt Ion: 95 Resp: 3551

Ion	Ratio	Lower	Upper
95	100		
97	57.4	46.1	85.5
132	81.8	65.9	122.5
130	91.4	67.9	126.1





#35

Methylcyclohexane

Concen: 0.376 ug/L

RT: 6.767 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047040.D

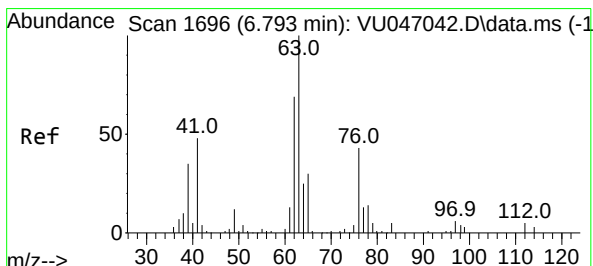
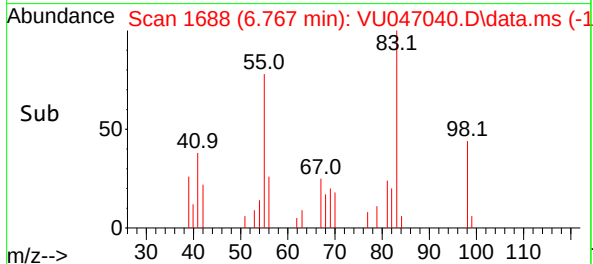
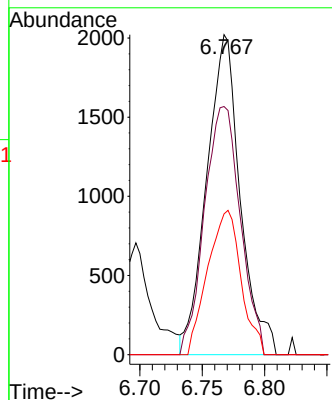
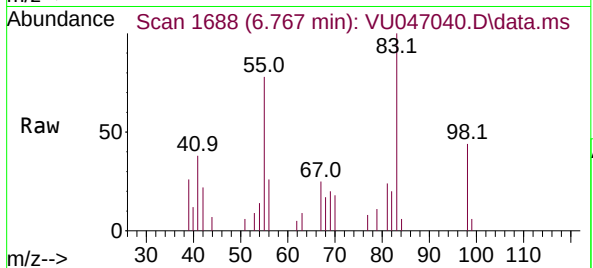
Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	3785
Ion Ratio	Lower	Upper
83	100	
55	82.9	61.2 91.8
98	44.8	39.3 58.9



#37

1,2-Dichloropropane

Concen: 0.598 ug/L

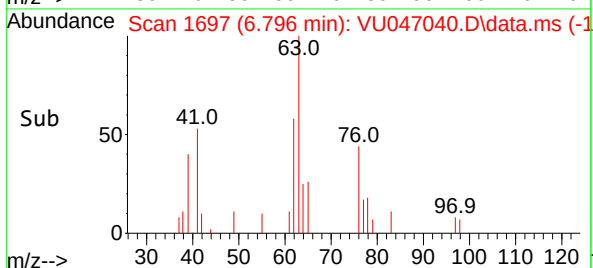
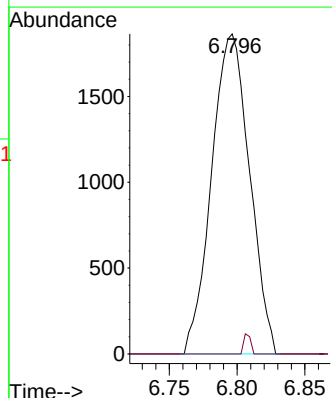
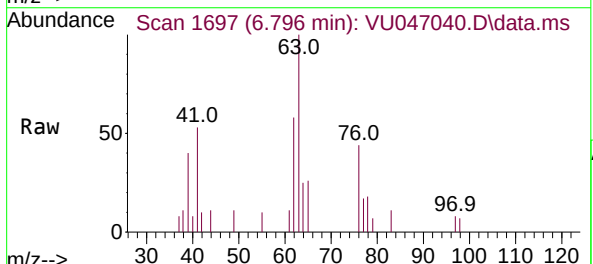
RT: 6.796 min Scan# 1697

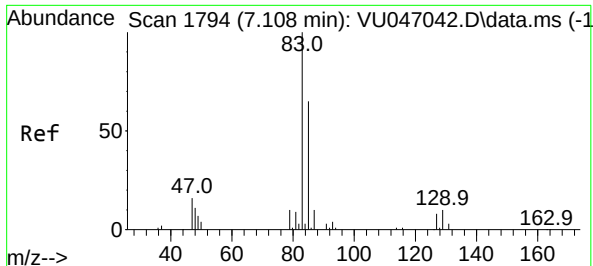
Delta R.T. 0.003 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Tgt Ion: 63	Resp:	3630
Ion Ratio	Lower	Upper
63	100	
112	1.2	4.0 6.0#





#38

Bromodichloromethane

Concen: 0.563 ug/L

RT: 7.111 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047040.D

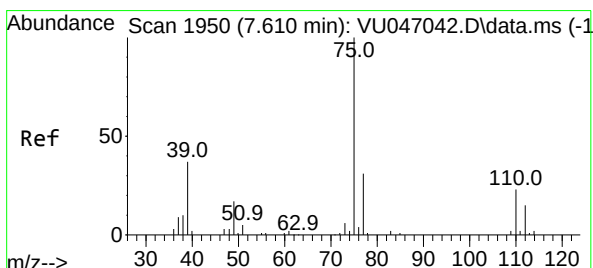
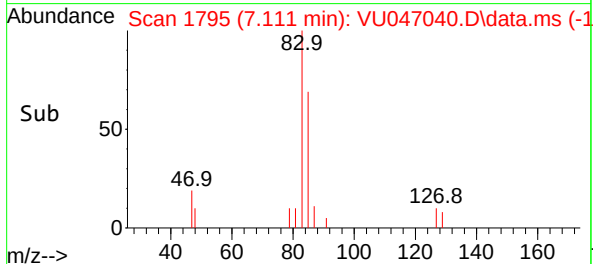
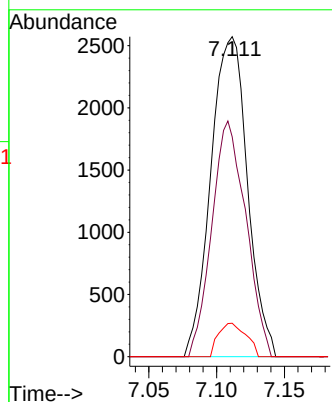
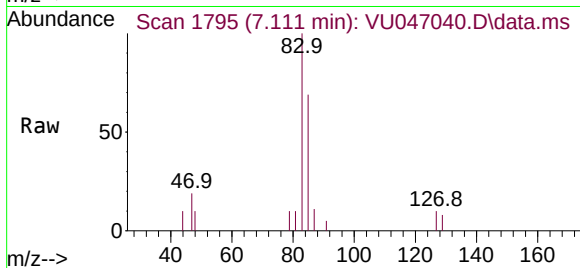
Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 4839
Ion Ratio	Lower Upper
83 100	
85 68.7	45.3 84.1
127 10.5	6.1 9.1#



#39

cis-1,3-Dichloropropene

Concen: 0.446 ug/L

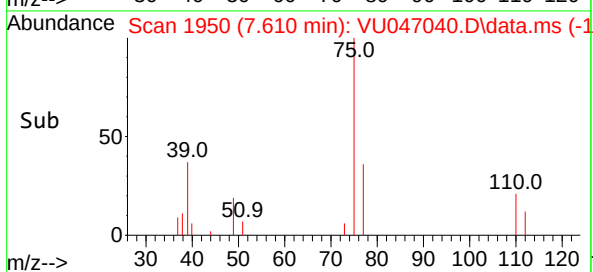
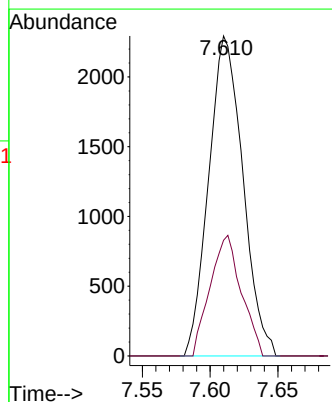
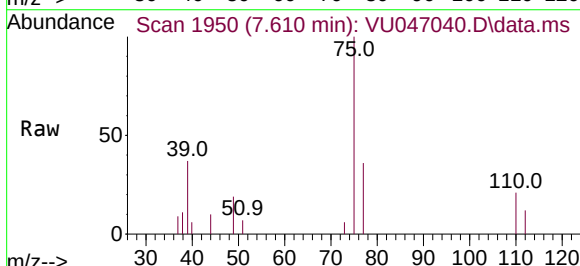
RT: 7.610 min Scan# 1950

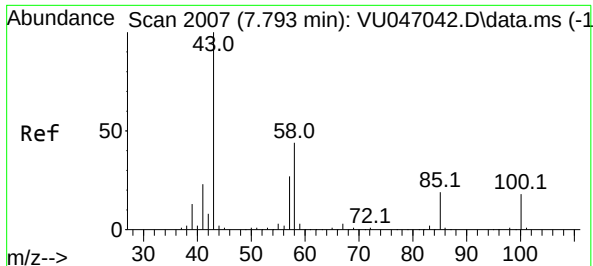
Delta R.T. 0.000 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Tgt Ion: 75	Resp: 4016
Ion Ratio	Lower Upper
75 100	
77 36.1	21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 3.957 ug/L

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

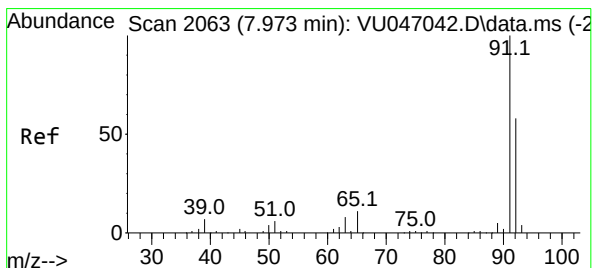
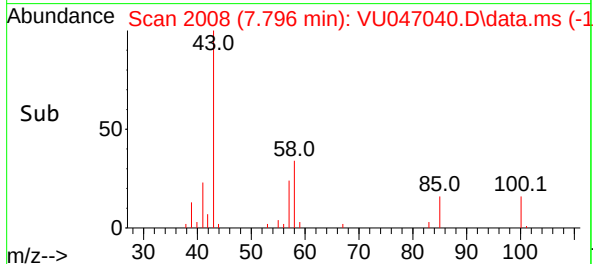
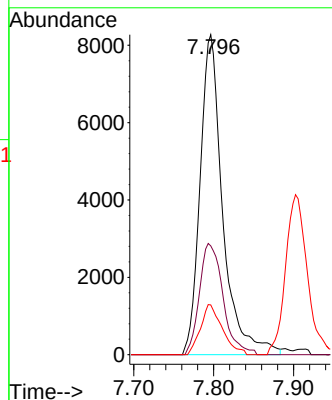
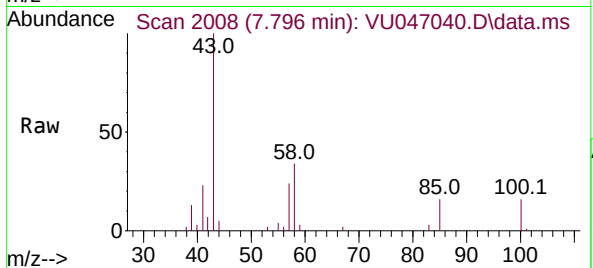
Tgt Ion: 43 Resp: 16305

Ion Ratio Lower Upper

43 100

58 36.2 34.0 51.0

100 15.1 14.1 21.1



#42

Toluene

Concen: 0.393 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.003 min

Lab File: VU047040.D

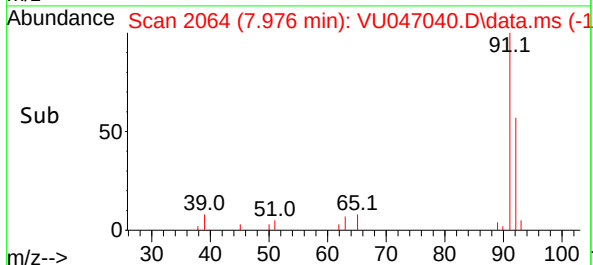
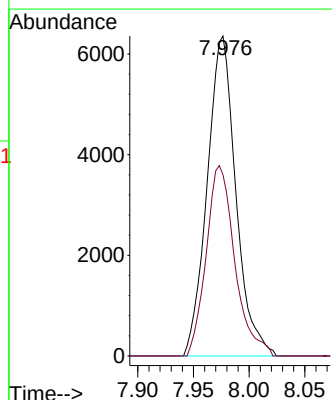
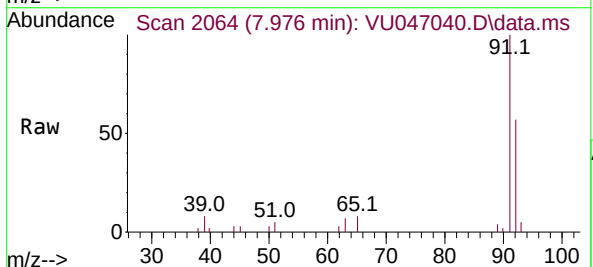
Acq: 04 Feb 2022 12:04

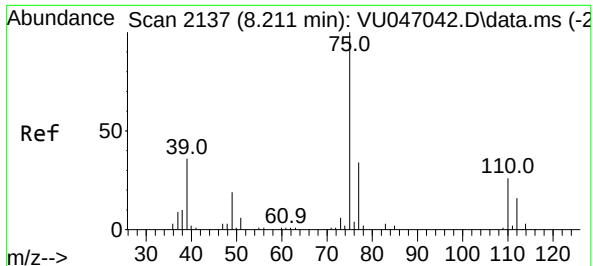
Tgt Ion: 91 Resp: 11391

Ion Ratio Lower Upper

91 100

92 56.7 40.7 75.7

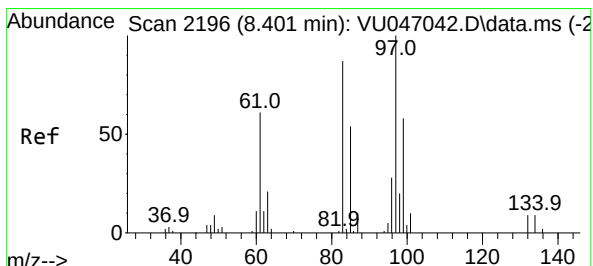
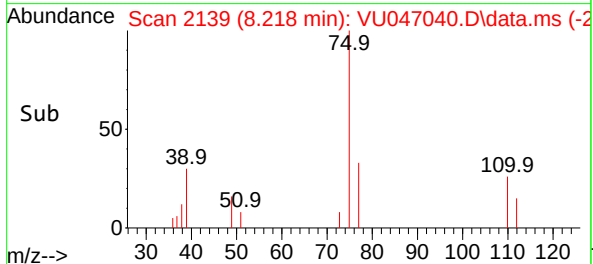
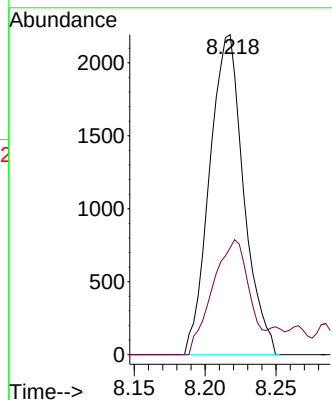
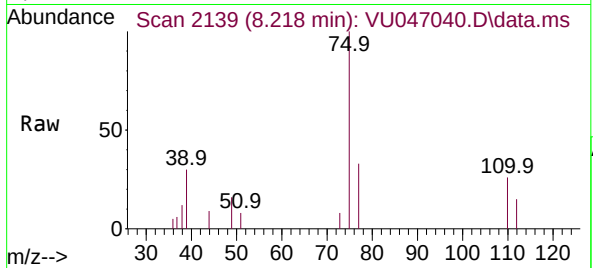




#44
trans-1,3-Dichloropropene
Concen: 0.455 ug/L
RT: 8.218 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

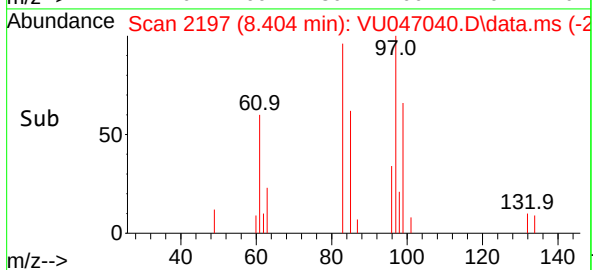
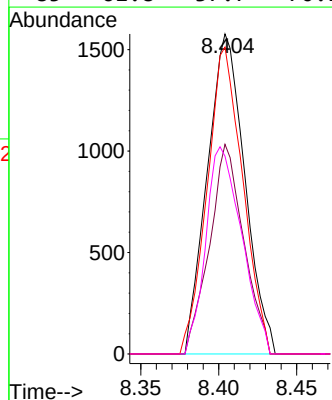
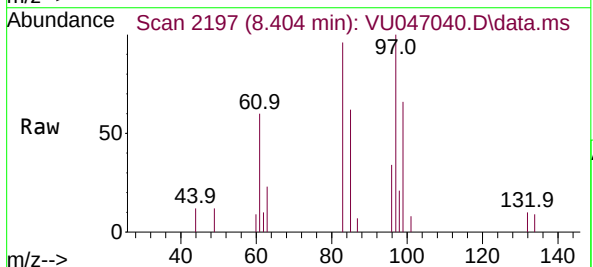
Instrument :
MSVOA_U
ClientSampleId :

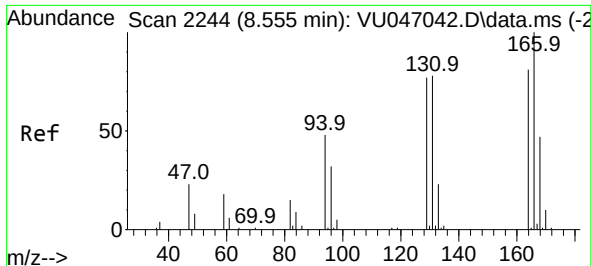
Tgt Ion: 75 Resp: 3667
Ion Ratio Lower Upper
75 100
77 33.4 23.7 43.9



#45
1,1,2-Trichloroethane
Concen: 0.525 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion: 97 Resp: 2636
Ion Ratio Lower Upper
97 100
99 65.5 40.4 75.0
83 95.9 60.6 112.6
85 61.8 37.7 70.1





#47

Tetrachloroethene

Concen: 0.540 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

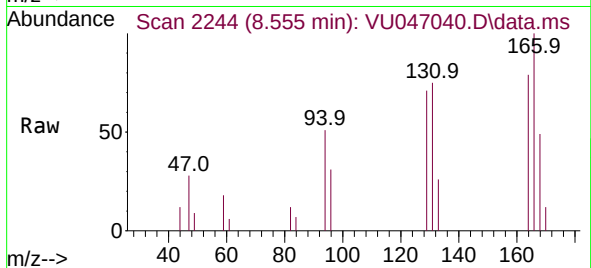
Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2713

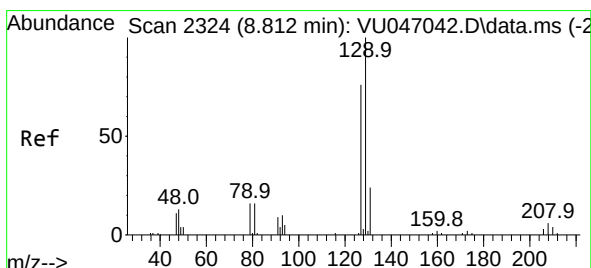
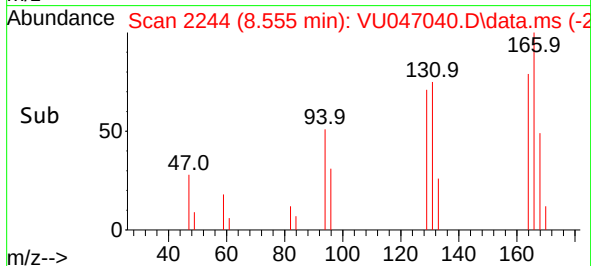
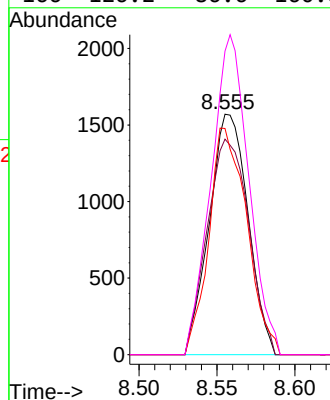
Ion Ratio Lower Upper

164 100

129 89.6 66.5 123.5

131 94.1 67.5 125.4

166 126.2 86.6 160.8



#49

Dibromochloromethane

Concen: 0.530 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.003 min

Lab File: VU047040.D

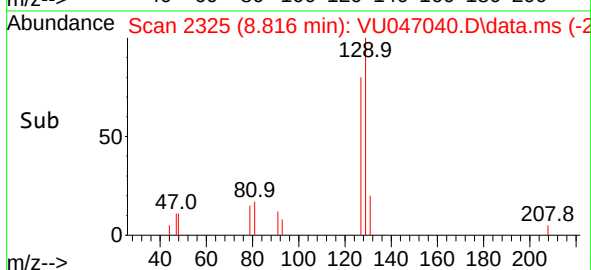
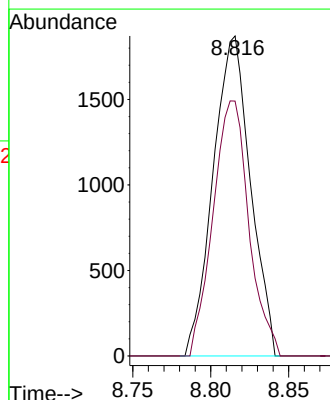
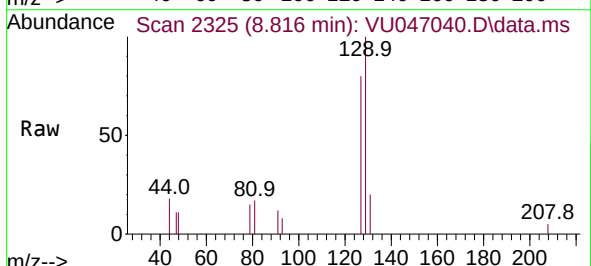
Acq: 04 Feb 2022 12:04

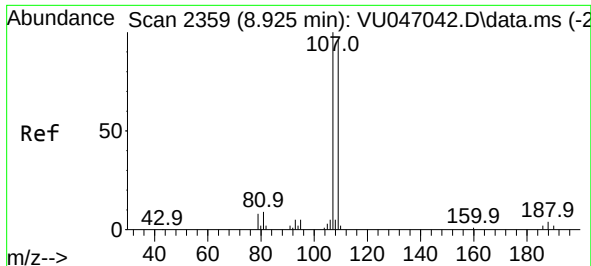
Tgt Ion:129 Resp: 3120

Ion Ratio Lower Upper

129 100

127 79.6 53.4 99.2

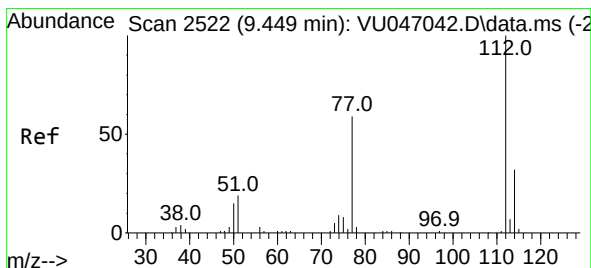
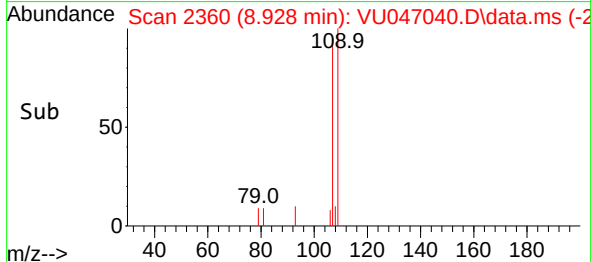
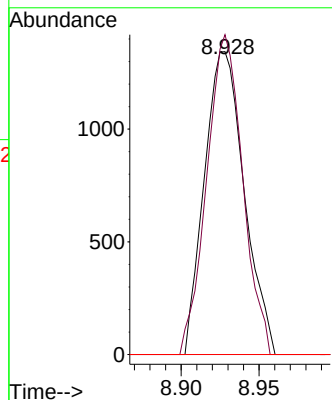
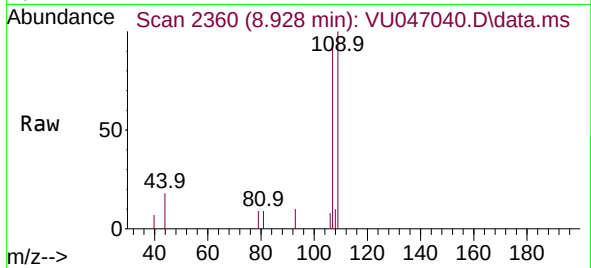




#50
1,2-Dibromoethane
Concen: 0.483 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

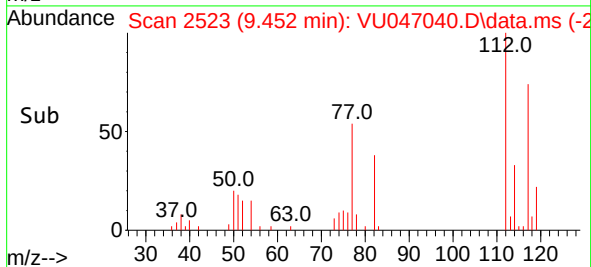
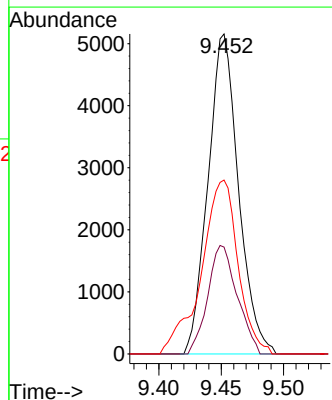
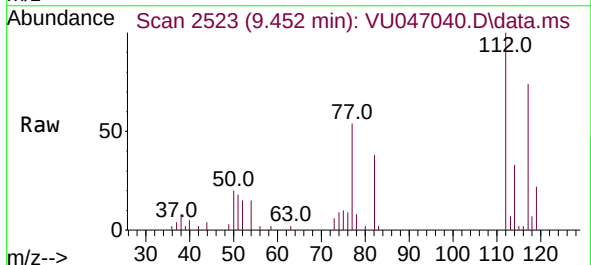
Instrument :
MSVOA_U
ClientSampleId :

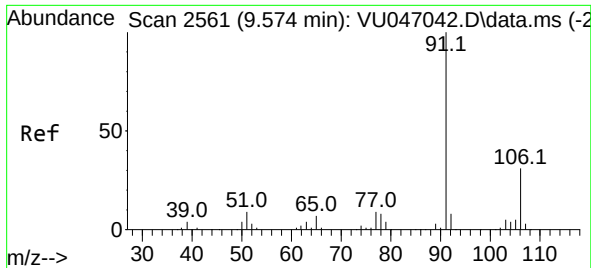
Tgt Ion:107 Resp: 2390
Ion Ratio Lower Upper
107 100
109 105.6 67.4 125.2
188 0.0 3.0 4.6#



#51
Chlorobenzene
Concen: 0.524 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion:112 Resp: 8769
Ion Ratio Lower Upper
112 100
114 33.4 22.6 42.0
77 54.3 47.3 70.9

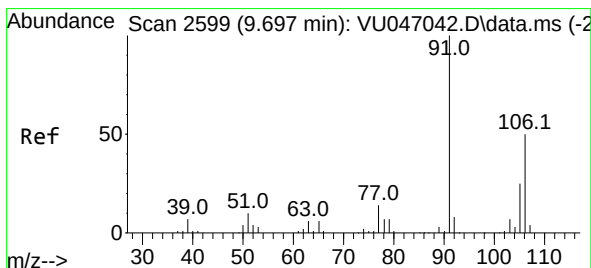
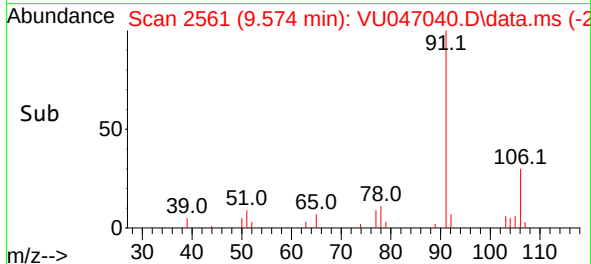
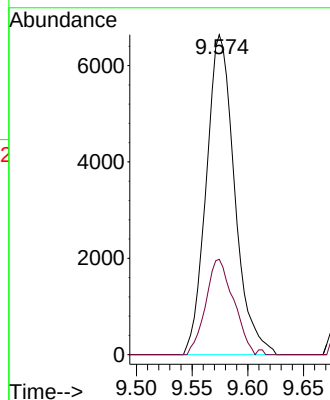
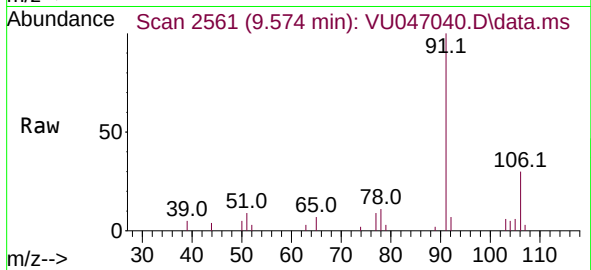




#52
Ethylbenzene
Concen: 0.436 ug/L
RT: 9.574 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

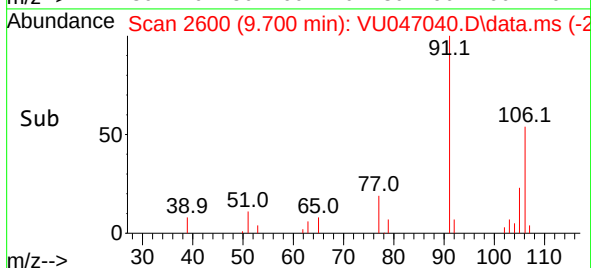
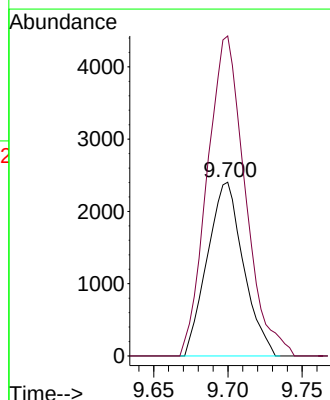
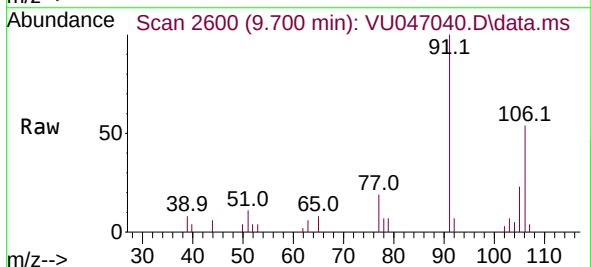
Instrument :
MSVOA_U
ClientSampleId :

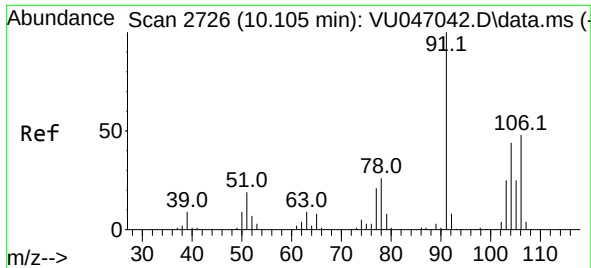
Tgt Ion: 91 Resp: 11749
Ion Ratio Lower Upper
91 100
106 29.8 22.0 40.8



#53
m,p-Xylene
Concen: 0.380 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion: 106 Resp: 4067
Ion Ratio Lower Upper
106 100
91 184.1 140.3 260.5

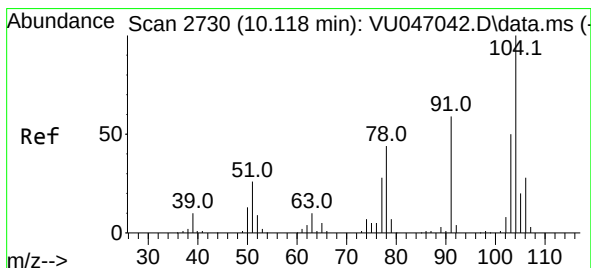
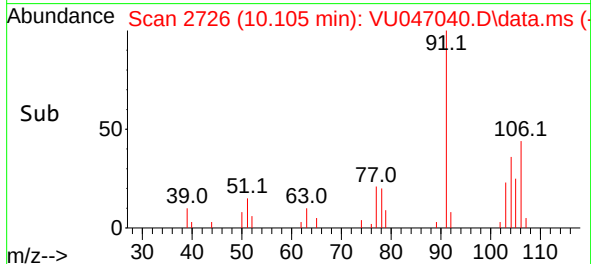
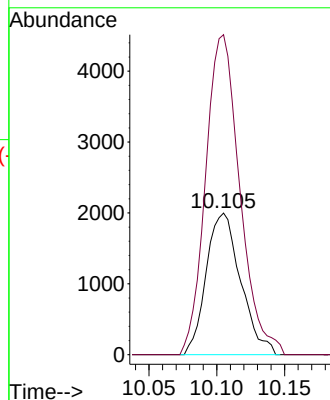
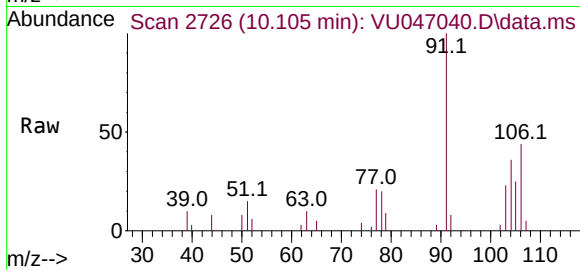




#54
o-Xylene
Concen: 0.340 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

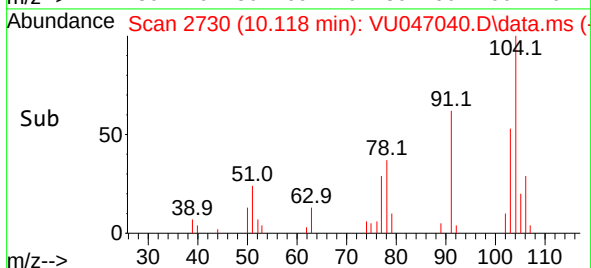
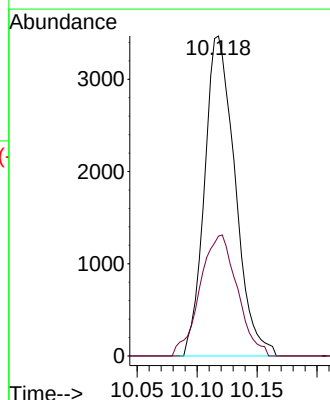
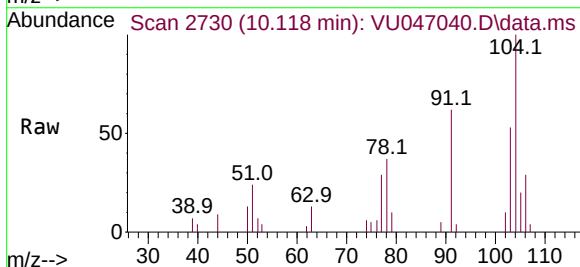
Instrument :
MSVOA_U
ClientSampleId :

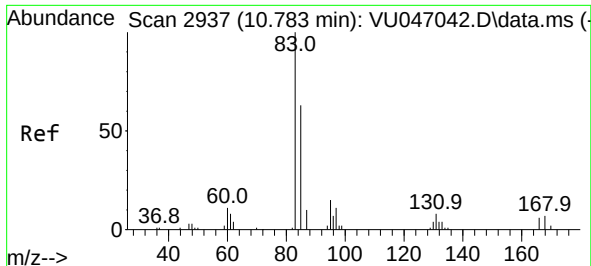
Tgt Ion:106 Resp: 3535
Ion Ratio Lower Upper
106 100
91 225.9 146.5 272.1



#55
Styrene
Concen: 0.357 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion:104 Resp: 6138
Ion Ratio Lower Upper
104 100
78 37.5 30.7 57.1

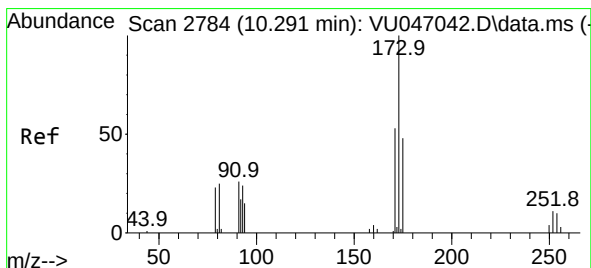
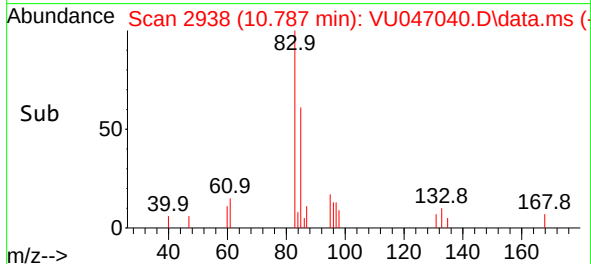
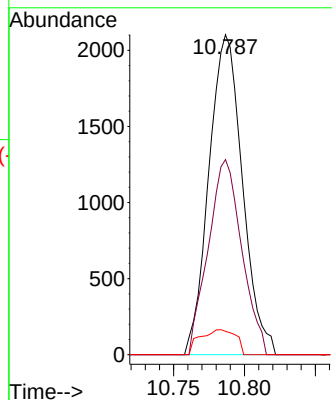
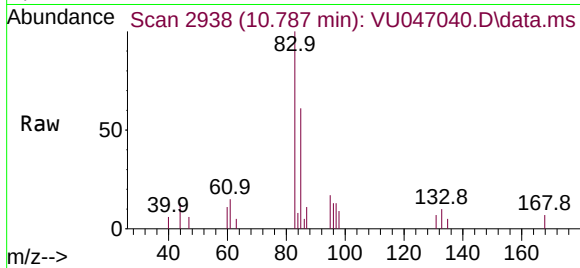




#57
1,1,2,2-Tetrachloroethane
Concen: 0.520 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

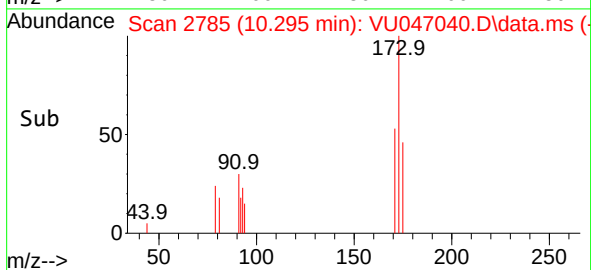
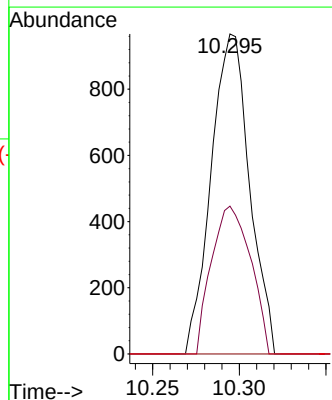
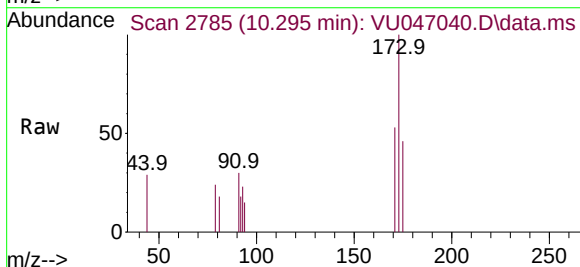
Instrument :
MSVOA_U
ClientSampleId :

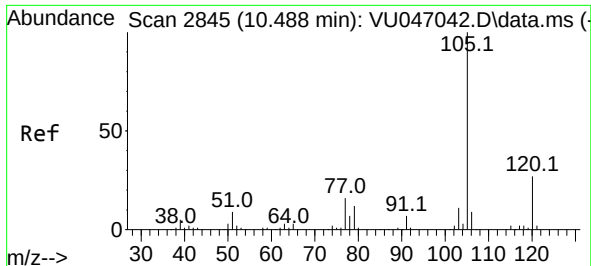
Tgt Ion: 83 Resp: 3459
Ion Ratio Lower Upper
83 100
85 61.0 44.6 82.8
131 7.3 7.4 11.0#



#59
Bromoform
Concen: 0.512 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

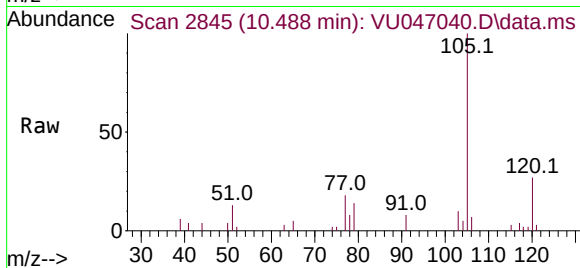
Tgt Ion: 173 Resp: 1490
Ion Ratio Lower Upper
173 100
175 47.1 38.8 58.2
254 0.0 7.2 10.8#



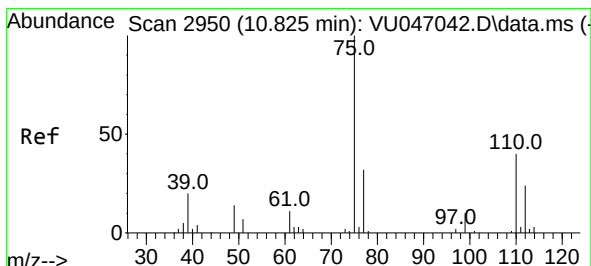
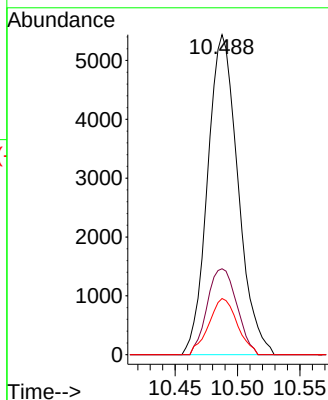
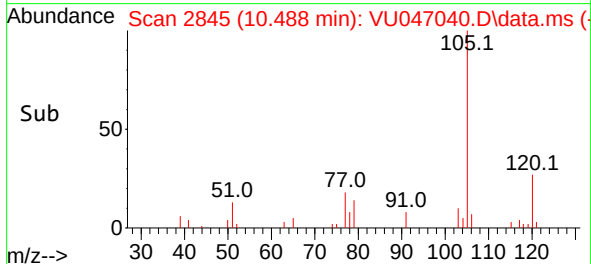


#60
Isopropylbenzene
Concen: 0.412 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

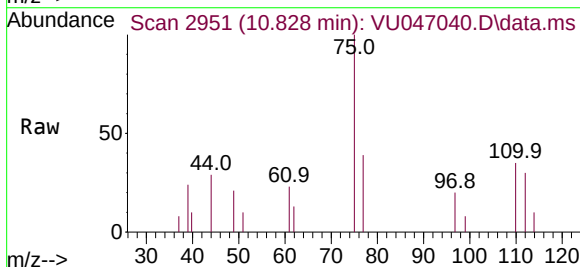
Instrument :
MSVOA_U
ClientSampleId :



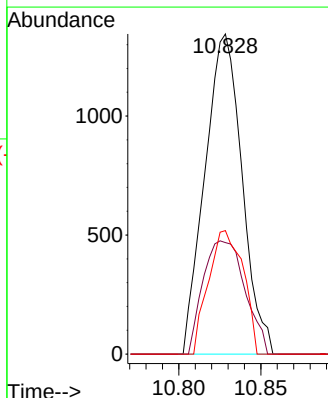
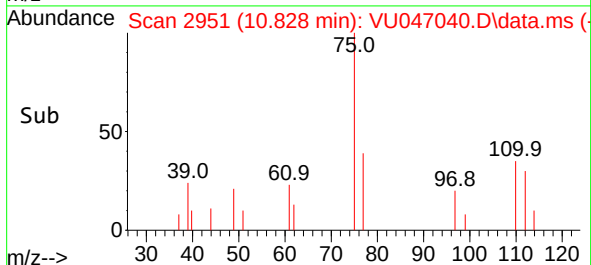
Tgt Ion:105 Resp: 9222
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 16.5 12.6 19.0

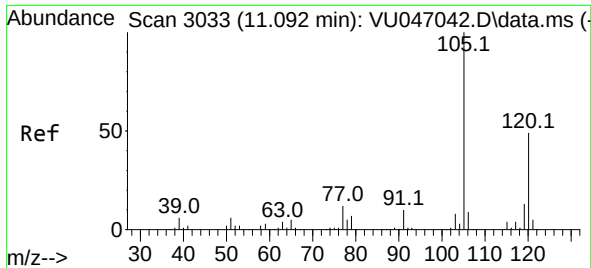


#61
1,2,3-Trichloropropane
Concen: 0.518 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04



Tgt Ion: 75 Resp: 2114
Ion Ratio Lower Upper
75 100
110 39.9 31.7 47.5
77 36.0 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 0.400 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

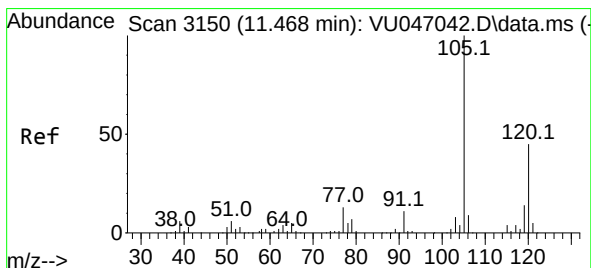
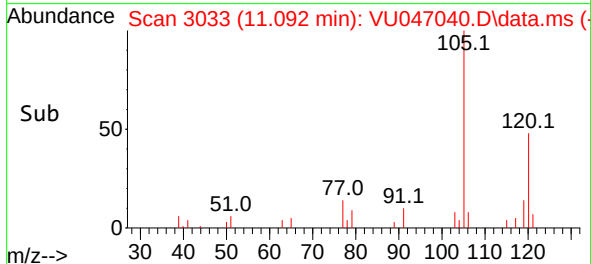
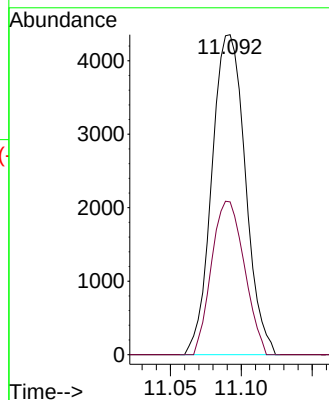
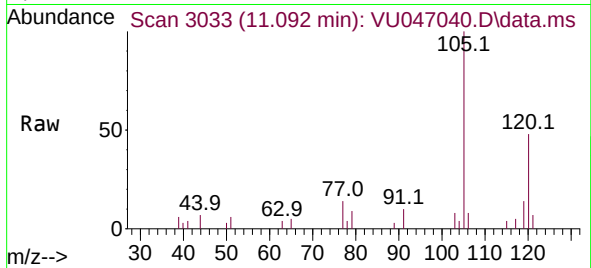
ClientSampleId :

Tgt Ion:105 Resp: 7156

Ion Ratio Lower Upper

105 100

120 46.8 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.361 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047040.D

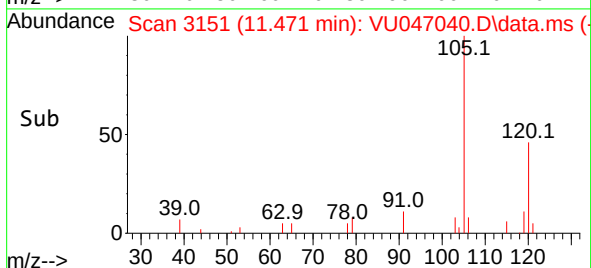
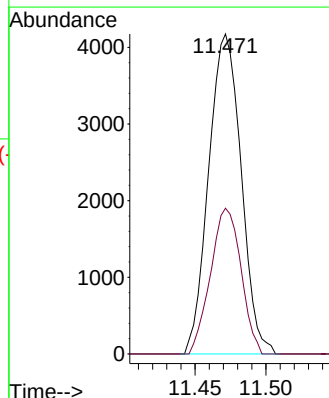
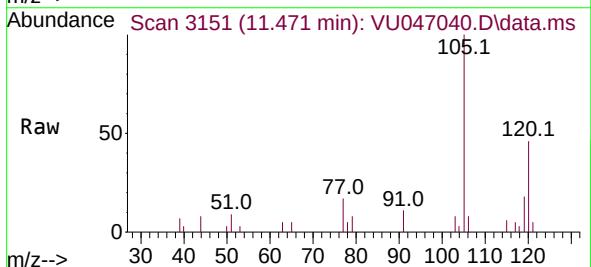
Acq: 04 Feb 2022 12:04

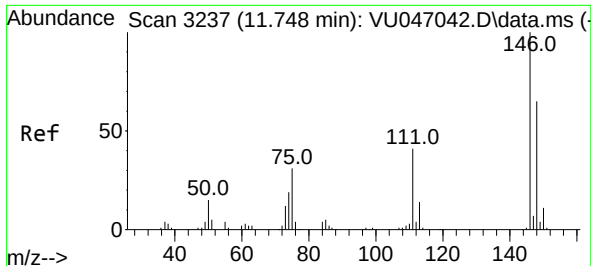
Tgt Ion:105 Resp: 6646

Ion Ratio Lower Upper

105 100

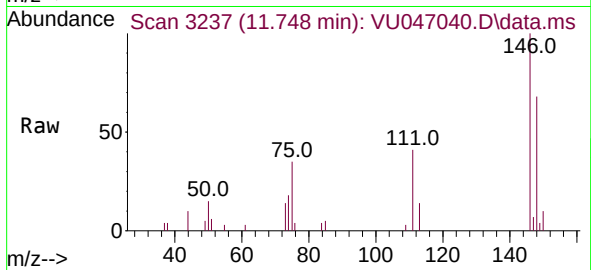
120 42.7 36.1 54.1



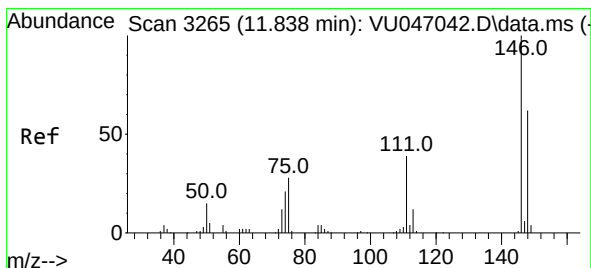
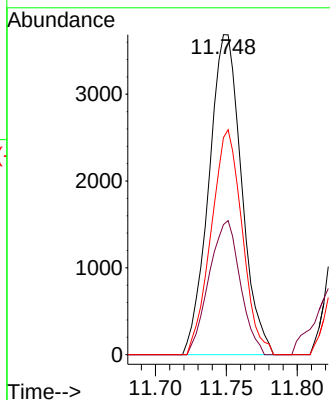
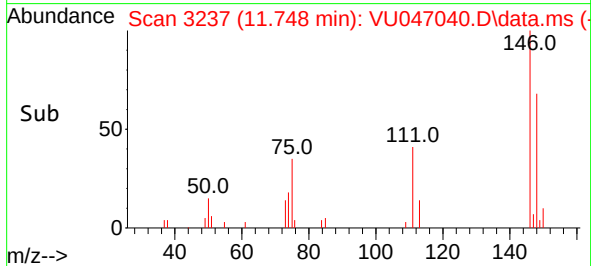


#64
1,3-Dichlorobenzene
Concen: 0.520 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

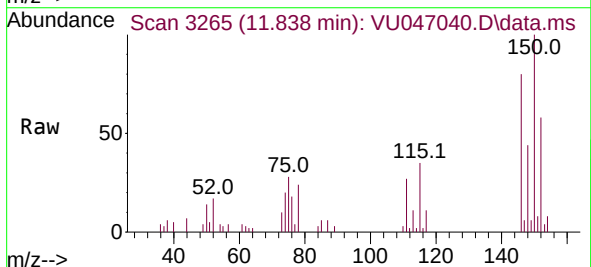
Instrument :
MSVOA_U
ClientSampleId :



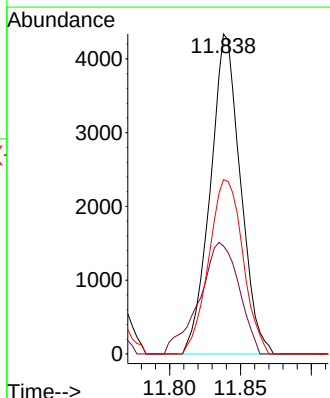
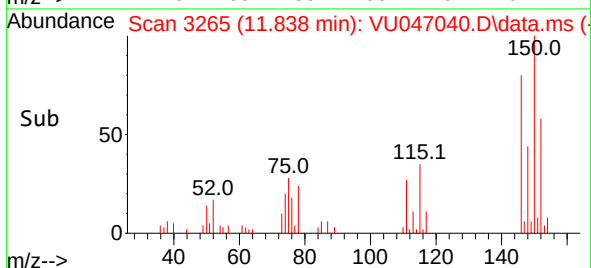
Tgt Ion:146 Resp: 5917
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.0
148 67.8 45.5 84.5

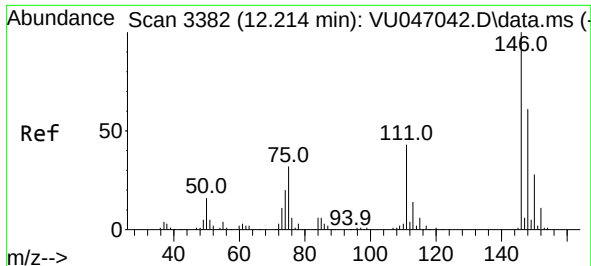


#65
1,4-Dichlorobenzene
Concen: 0.556 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04



Tgt Ion:146 Resp: 6415
Ion Ratio Lower Upper
146 100
111 33.8 27.5 51.1
148 54.4 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 0.545 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

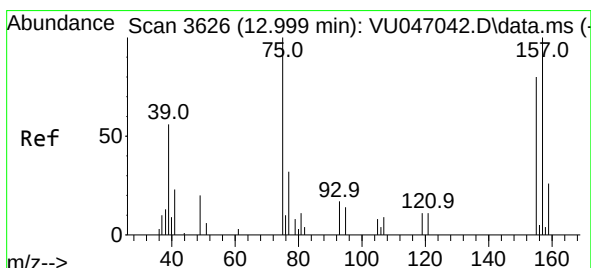
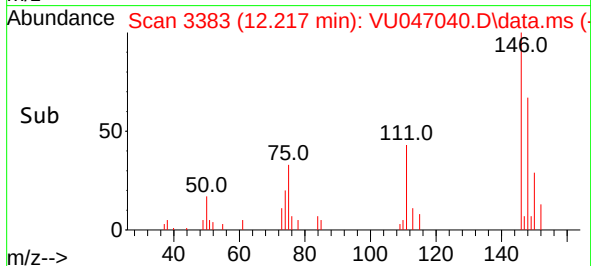
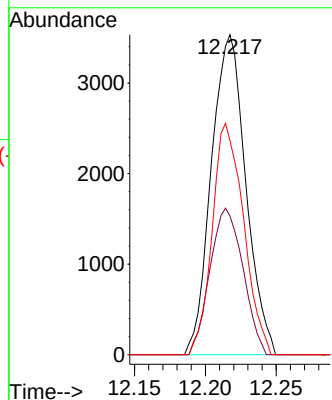
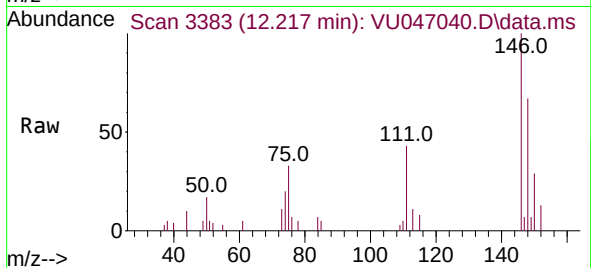
Tgt Ion:146 Resp: 5979

Ion Ratio Lower Upper

146 100

111 43.4 34.1 51.1

148 66.9 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.636 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.003 min

Lab File: VU047040.D

Acq: 04 Feb 2022 12:04

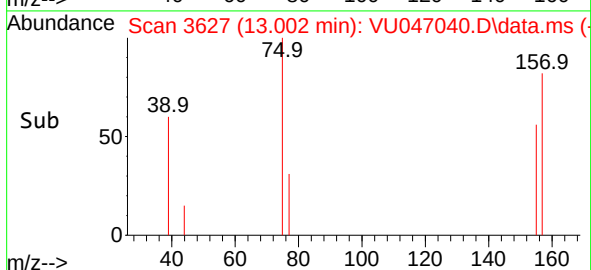
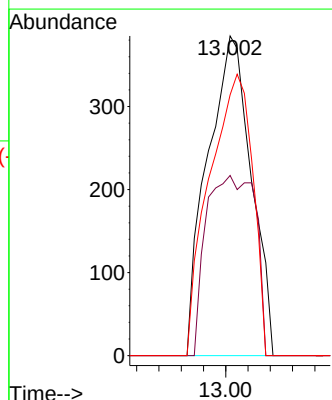
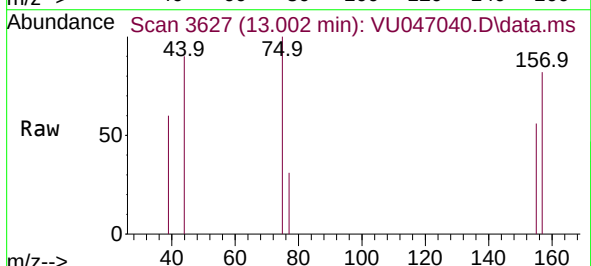
Tgt Ion: 75 Resp: 525

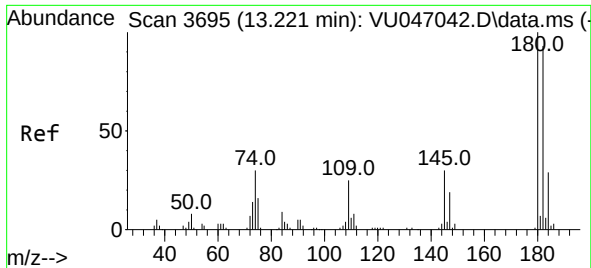
Ion Ratio Lower Upper

75 100

155 56.4 63.9 95.9#

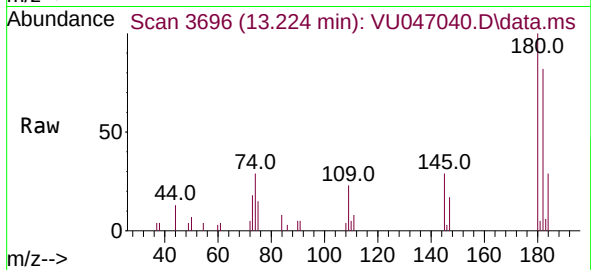
157 81.6 79.9 119.9



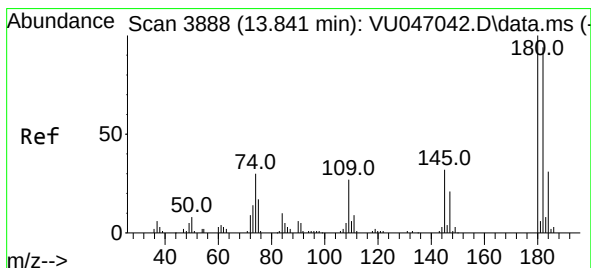
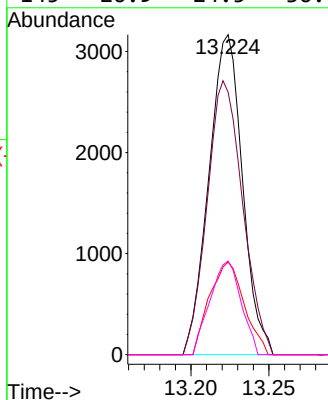
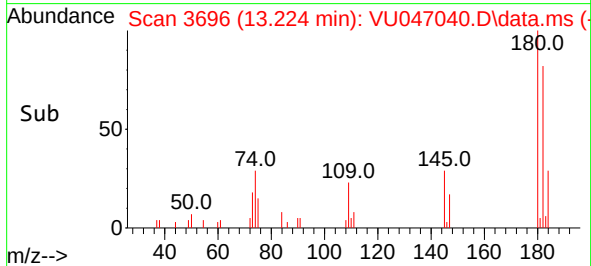


#69
 1,3,5-Trichlorobenzene
 Concen: 0.538 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.003 min
 Lab File: VU047040.D
 Acq: 04 Feb 2022 12:04

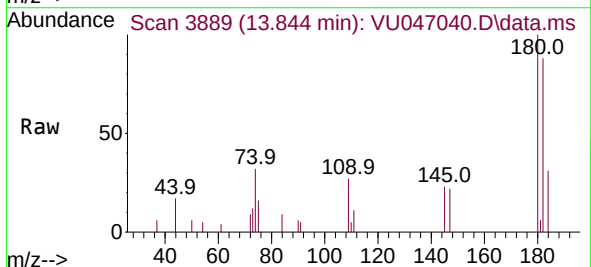
Instrument :
 MSVOA_U
 ClientSampleId :



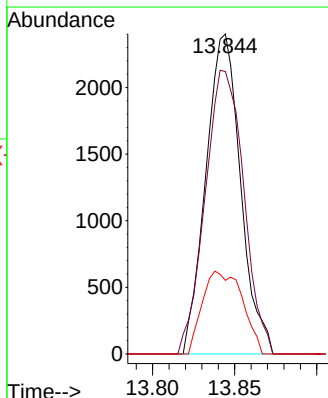
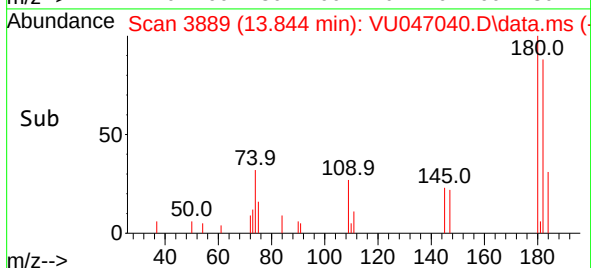
Tgt Ion:180 Resp: 4753
 Ion Ratio Lower Upper
 180 100
 182 90.3 75.1 112.7
 184 29.8 23.3 34.9
 145 26.9 24.5 36.7

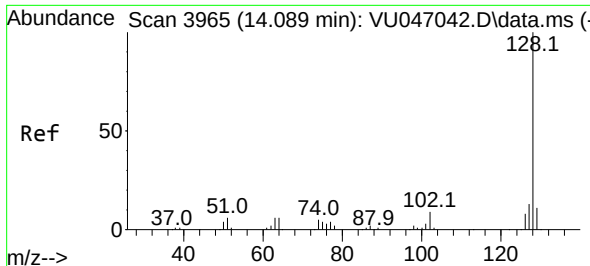


#70
 1,2,4-trichlorobenzene
 Concen: 0.486 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU047040.D
 Acq: 04 Feb 2022 12:04



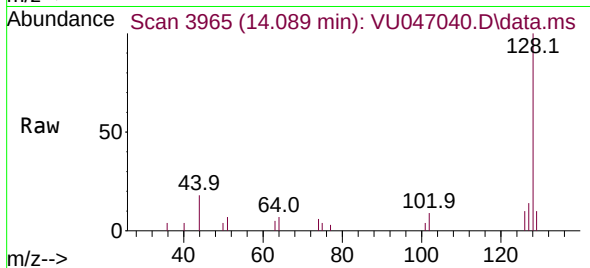
Tgt Ion:180 Resp: 3528
 Ion Ratio Lower Upper
 180 100
 182 98.4 74.2 111.4
 145 29.8 24.6 36.8



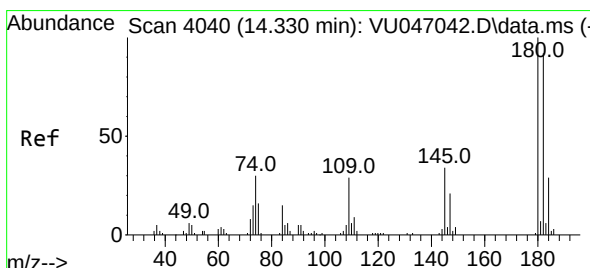
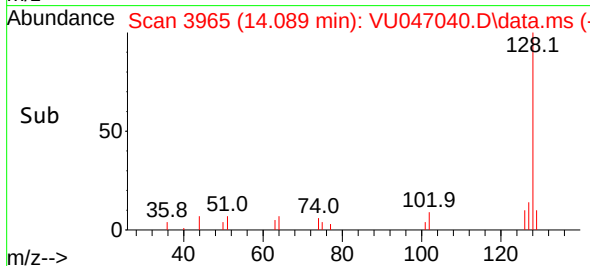
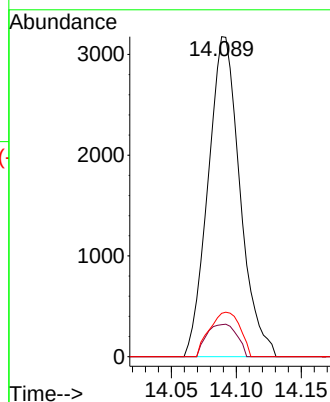


#71
Naphthalene
Concen: 0.379 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 5415
Ion Ratio Lower Upper
128 100
129 9.6 8.6 13.0
127 13.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 0.473 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047040.D
Acq: 04 Feb 2022 12:04

Tgt Ion:180 Resp: 3286
Ion Ratio Lower Upper
180 100
182 95.9 74.0 111.0
145 31.4 27.1 40.7

