

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045826.D
 Acq On : 16 Nov 2021 22:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 04:54:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26459	3.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.919	69	23181	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.572	65	12217	3.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.649	46	117694	58.953	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.900%
24) Chloroform-d	5.067	84	54373	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.703	65	33603	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.732	84	113479	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	37209	4.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.899	98	104036	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.182	79	15769	4.610	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.636	63	86813	56.393	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37671	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40857	4.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37107	4.847	ug/L	100
3) Chloromethane	1.520	50	39069	4.816	ug/L	99
5) Vinyl chloride	1.607	62	40775	5.007	ug/L	99
6) Bromomethane	1.861	94	22986	4.760	ug/L	99
8) Chloroethane	1.938	64	24155	5.203	ug/L	96
9) Trichlorofluoromethane	2.144	101	53907	5.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30547	4.956	ug/L	99
12) 1,1-Dichloroethene	2.584	96	29737	5.109	ug/L	89
13) Acetone	2.671	43	68855	58.598	ug/L	95
14) Carbon disulfide	2.800	76	86942	4.723	ug/L	99
15) Methyl Acetate	2.964	43	17153	5.949	ug/L	97
16) Methylene chloride	3.051	84	38023	4.425	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	79341	5.236	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	31192	4.999	ug/L	96
19) 1,1-Dichloroethane	3.874	63	60371	5.165	ug/L	99
21) 2-Butanone	4.726	43	116799	59.077	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	34166	5.051	ug/L	97
23) Bromochloromethane	4.980	128	16440	5.576	ug/L	96
25) Chloroform	5.092	83	66569	5.250	ug/L	97

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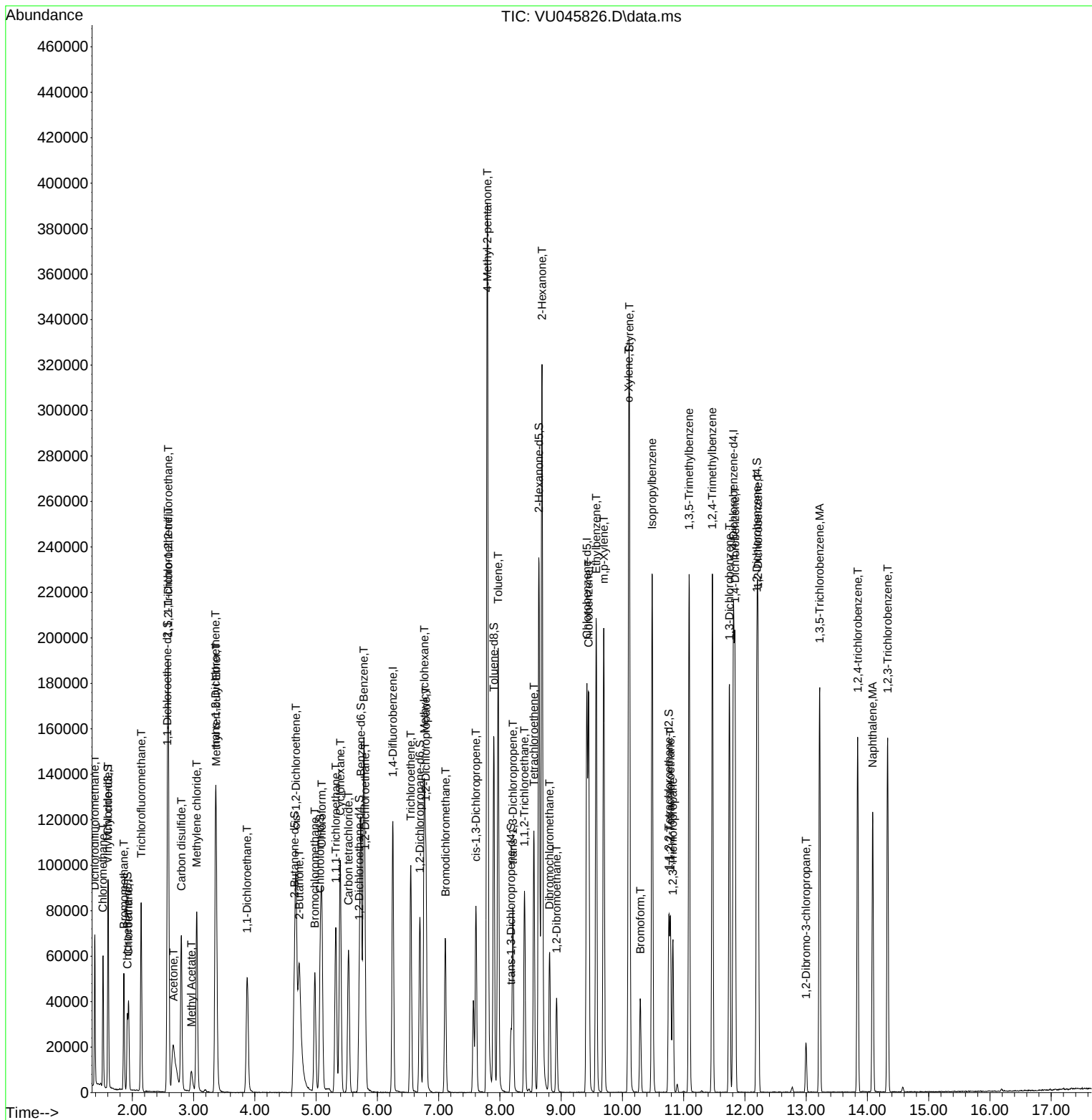
Instrument :
 MSVOA_U
 ClientSampleId :

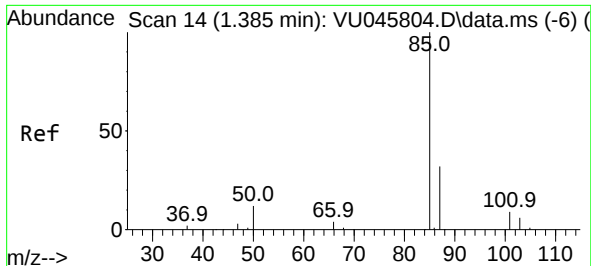
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41518	5.131	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	52934	5.019	ug/L	99
30) Cyclohexane	5.395	56	50101	4.790	ug/L	98
31) Carbon tetrachloride	5.530	117	43932	4.953	ug/L	97
33) Benzene	5.777	78	132720	4.899	ug/L	100
34) Trichloroethene	6.546	95	33911	4.857	ug/L	98
35) Methylcyclohexane	6.768	83	50374	4.699	ug/L	99
37) 1,2-Dichloropropane	6.793	63	35951	5.043	ug/L	99
38) Bromodichloromethane	7.112	83	44327	5.039	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	49046	4.842	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	271318	58.025	ug/L	100
42) Toluene	7.970	91	143415	5.129	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	44829	5.087	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	28031	5.297	ug/L	97
47) Tetrachloroethene	8.555	164	25026	5.121	ug/L	95
48) 2-Hexanone	8.687	43	206033	60.993	ug/L	99
49) Dibromochloromethane	8.809	129	32072	5.321	ug/L	96
50) 1,2-Dibromoethane	8.925	107	27206	5.456	ug/L	96
51) Chlorobenzene	9.449	112	90867	5.181	ug/L	98
52) Ethylbenzene	9.571	91	151475	5.175	ug/L	100
53) m,p-Xylene	9.697	106	59714	5.326	ug/L	96
54) o-Xylene	10.102	106	56955	5.264	ug/L	99
55) Styrene	10.115	104	100083	5.495	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	36281	5.352	ug/L	97
59) Bromoform	10.292	173	17845	5.151	ug/L	99
60) Isopropylbenzene	10.484	105	151839	4.945	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28271	5.207	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	123867	4.933	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	124431	4.946	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	71668	5.003	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73175	5.028	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70224	5.113	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5860	5.187	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	51215	4.779	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	44417	4.898	ug/L	97
71) Naphthalene	14.086	128	94938	5.096	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	44410	4.922	ug/L	98

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

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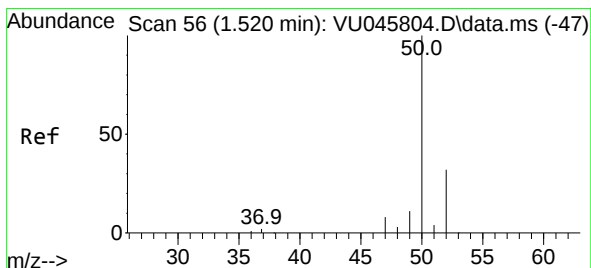
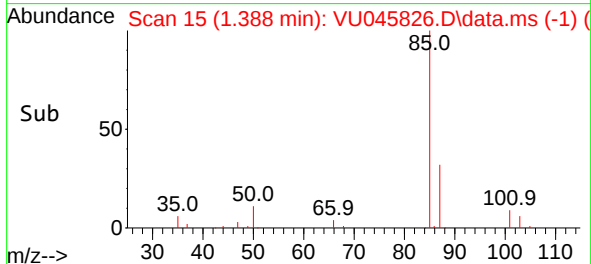
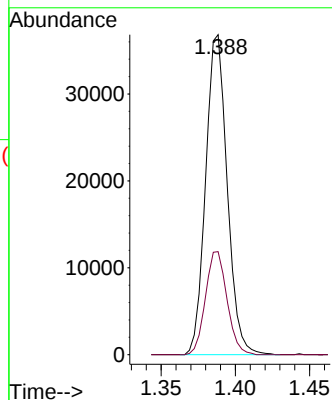
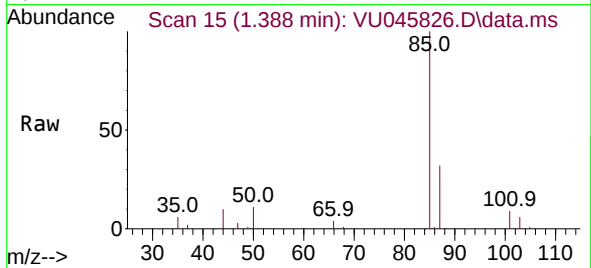




#2
 Dichlorodifluoromethane
 Concen: 4.847 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU045826.D
 Acq: 16 Nov 2021 22:50

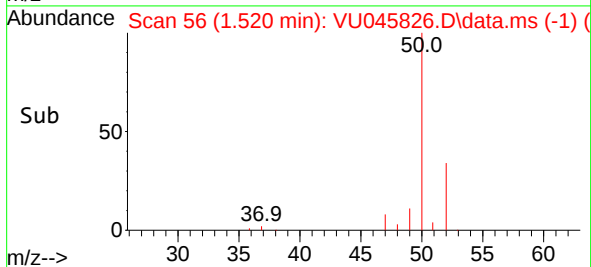
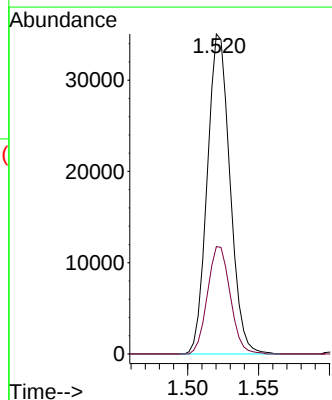
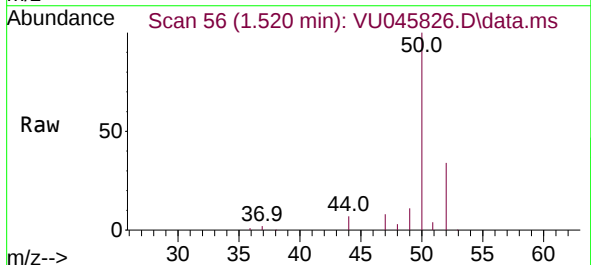
Instrument :
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 ClientSampleId :

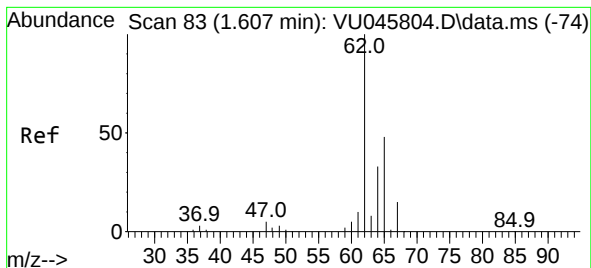
Tgt Ion: 85 Resp: 37107
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 4.816 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU045826.D
 Acq: 16 Nov 2021 22:50

Tgt Ion: 50 Resp: 39069
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.0 42.8





#5

Vinyl chloride

Concen: 5.007 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

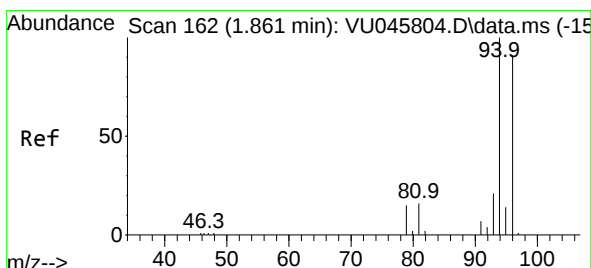
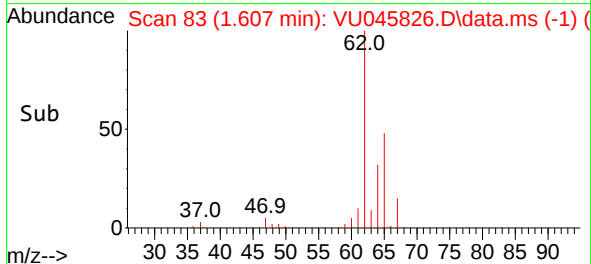
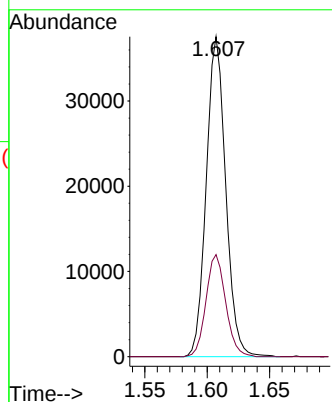
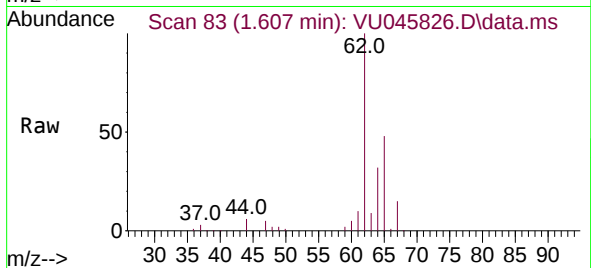
ClientSampleId :

Tgt Ion: 62 Resp: 40775

Ion Ratio Lower Upper

62 100

64 31.9 22.9 42.5



#6

Bromomethane

Concen: 4.760 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045826.D

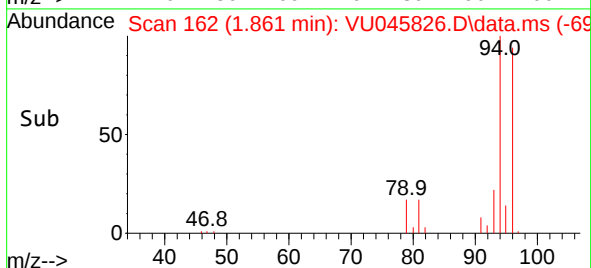
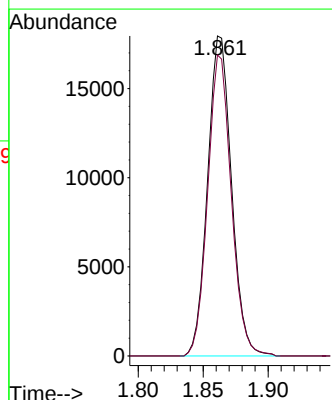
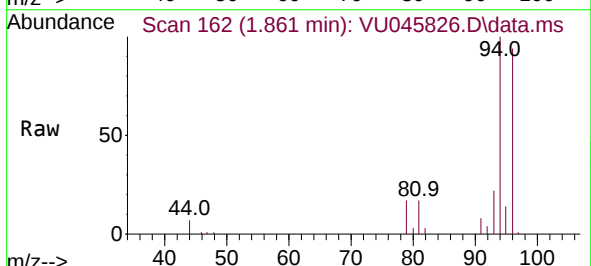
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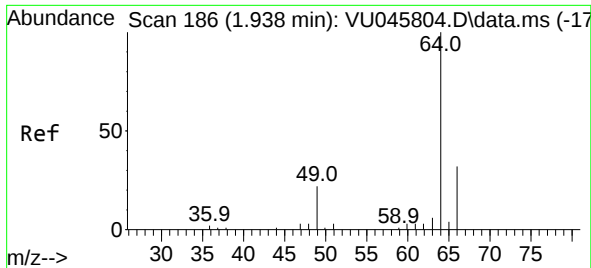
Tgt Ion: 94 Resp: 22986

Ion Ratio Lower Upper

94 100

96 94.0 65.5 121.6

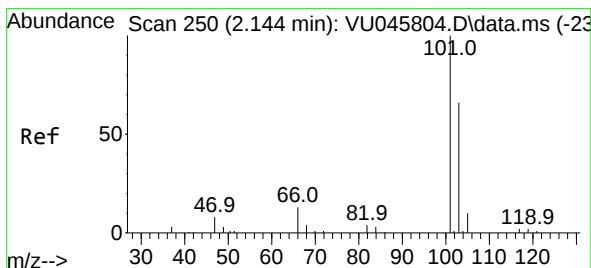
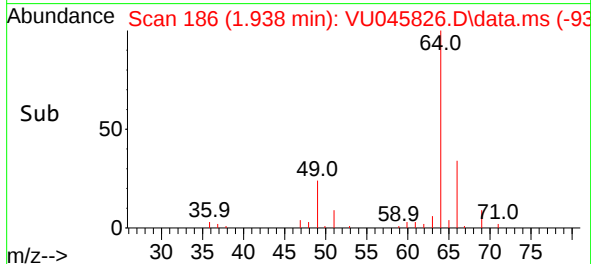
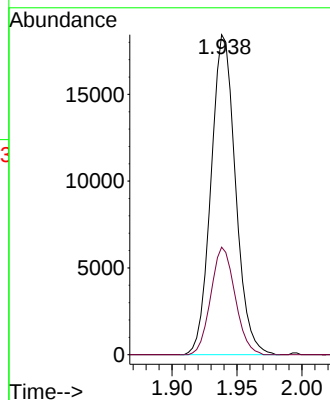
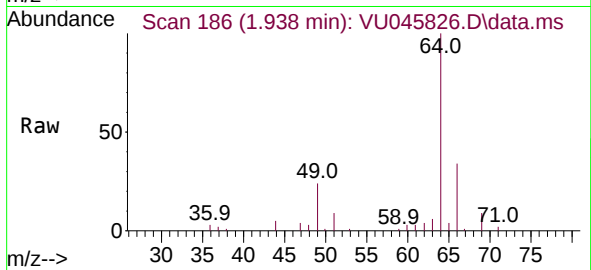




#8
Chloroethane
Concen: 5.203 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

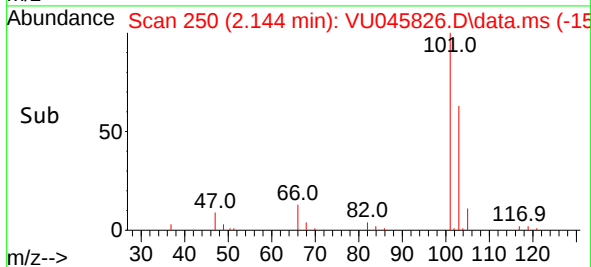
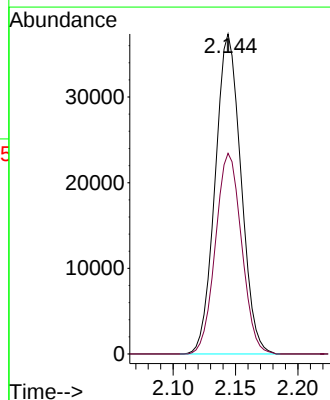
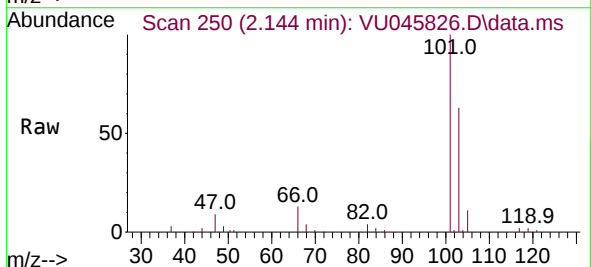
Instrument :
MSVOA_U
ClientSampleId :

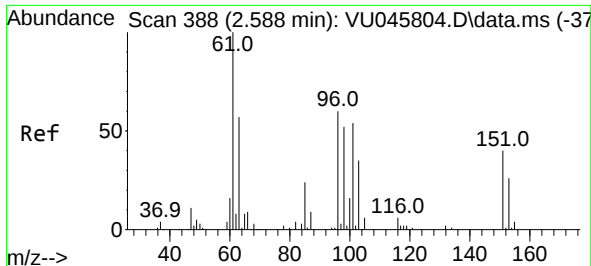
Tgt Ion: 64 Resp: 24155
Ion Ratio Lower Upper
64 100
66 33.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.128 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion:101 Resp: 53907
Ion Ratio Lower Upper
101 100
103 63.4 51.5 77.3

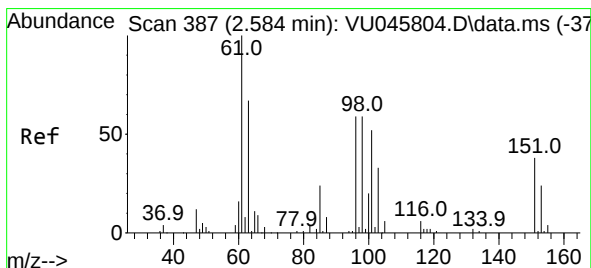
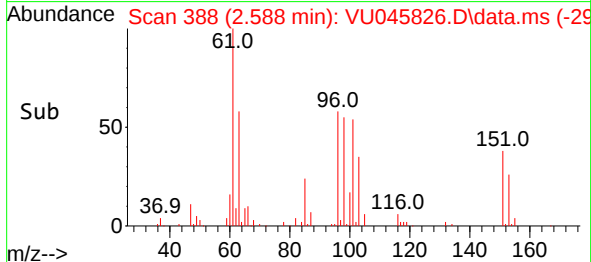
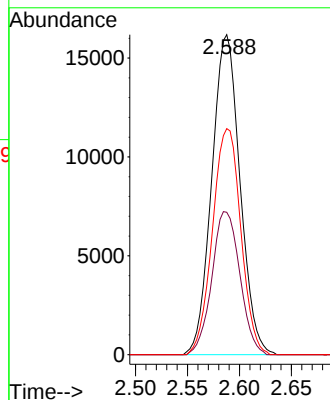
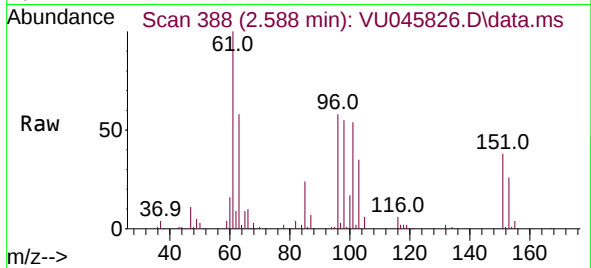




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.956 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU045826.D
 Acq: 16 Nov 2021 22:50

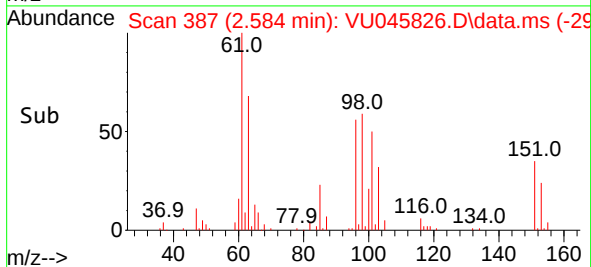
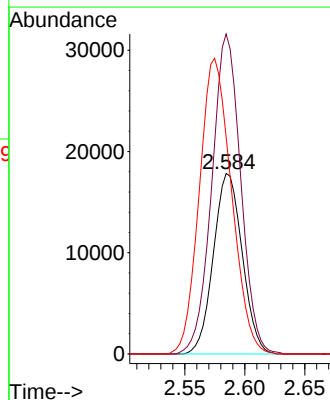
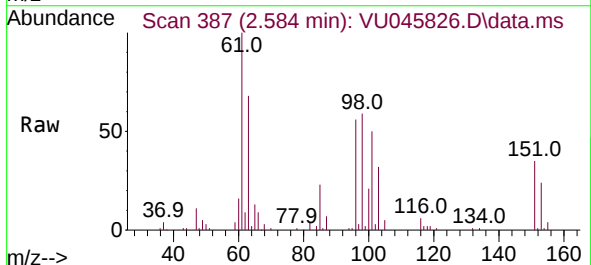
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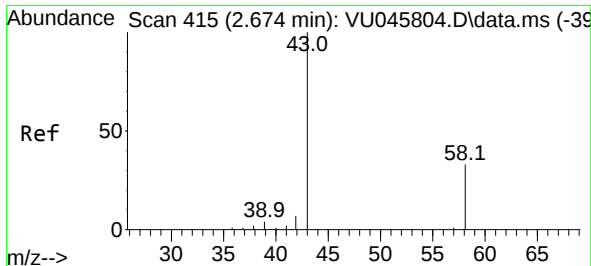
Tgt Ion:101 Resp: 30547
 Ion Ratio Lower Upper
 101 100
 85 44.4 34.6 51.8
 151 71.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.109 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045826.D
 Acq: 16 Nov 2021 22:50

Tgt Ion: 96 Resp: 29737
 Ion Ratio Lower Upper
 96 100
 61 177.3 124.7 231.5
 63 120.4 105.2 195.4





#13

Acetone

Concen: 58.598 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

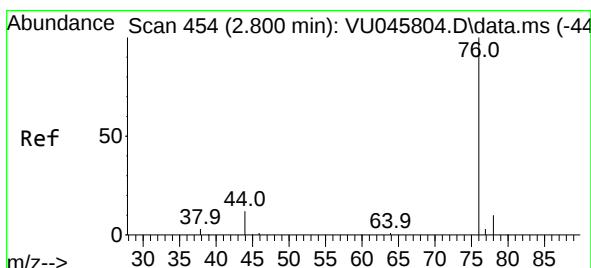
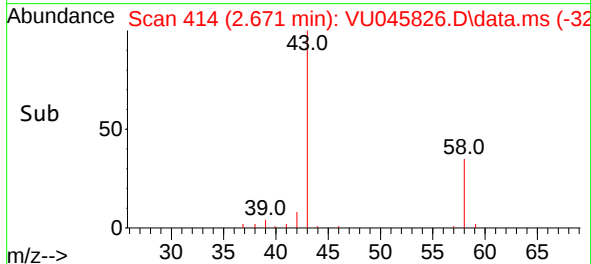
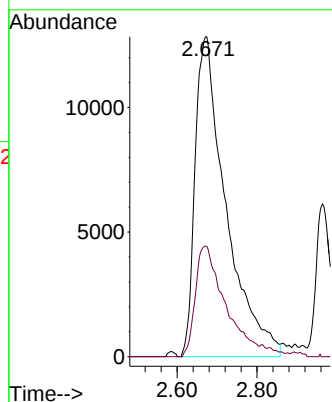
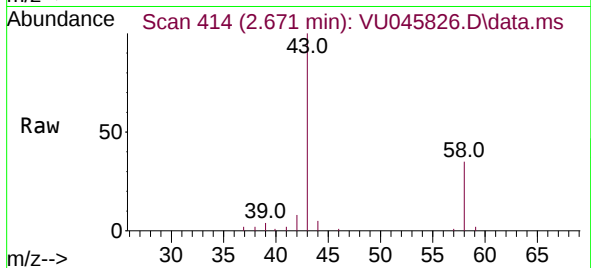
ClientSampleId :

Tgt Ion: 43 Resp: 68855

Ion Ratio Lower Upper

43 100

58 33.1 0.0 71.6



#14

Carbon disulfide

Concen: 4.723 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU045826.D

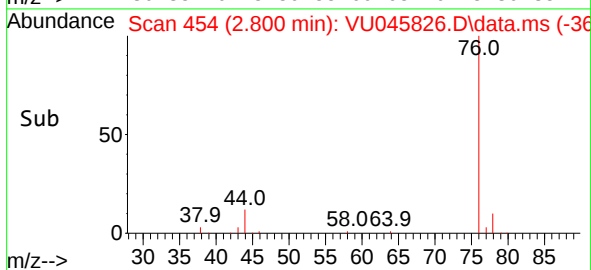
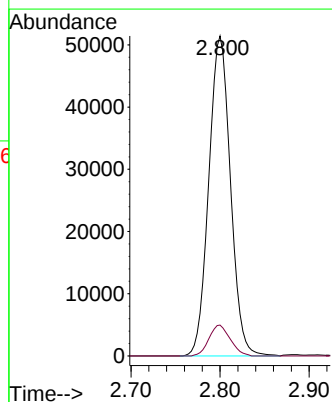
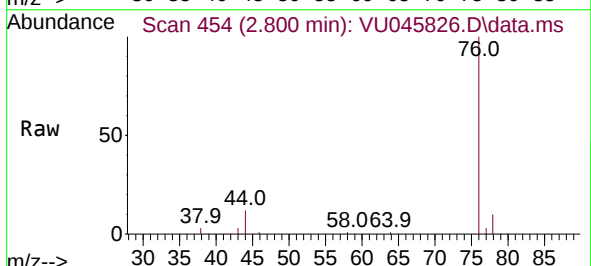
Acq: 16 Nov 2021 22:50

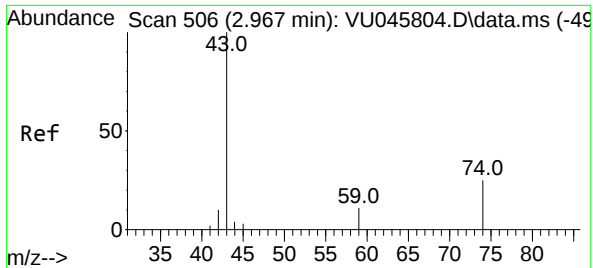
Tgt Ion: 76 Resp: 86942

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

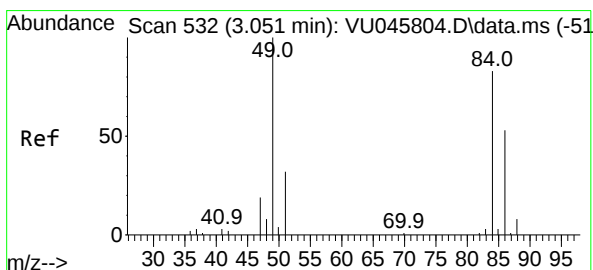
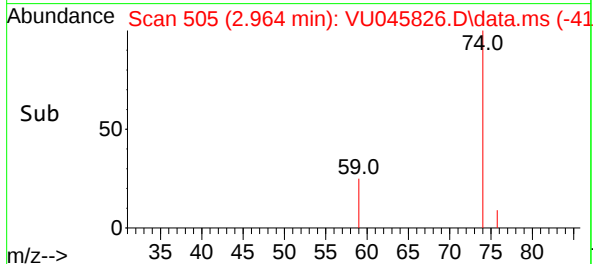
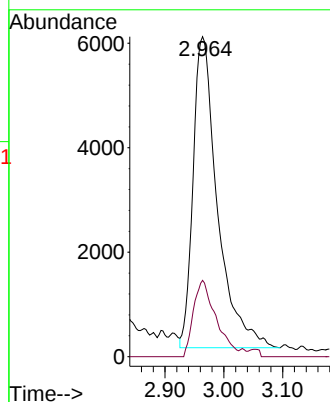
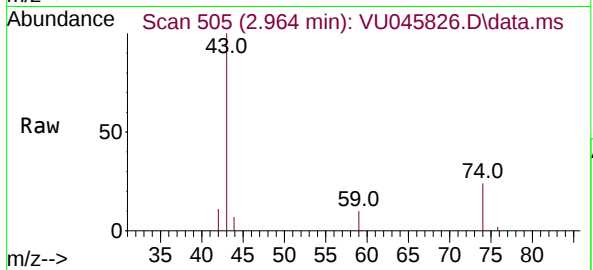




#15
Methyl Acetate
Concen: 5.949 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

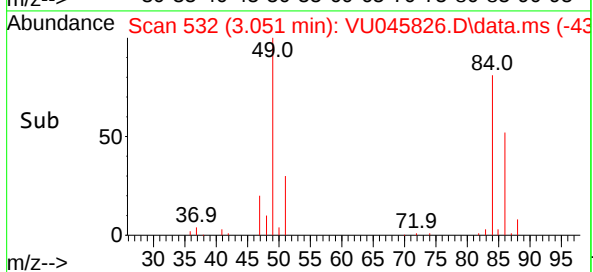
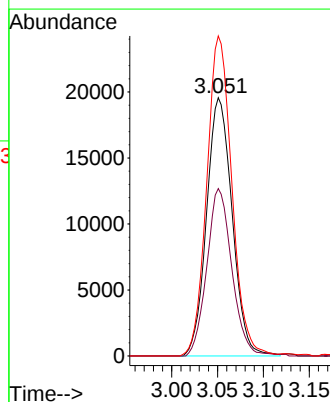
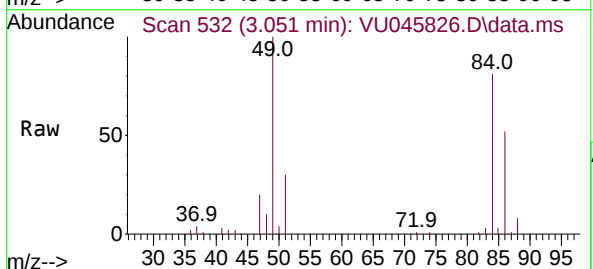
Instrument :
MSVOA_U
ClientSampleId :

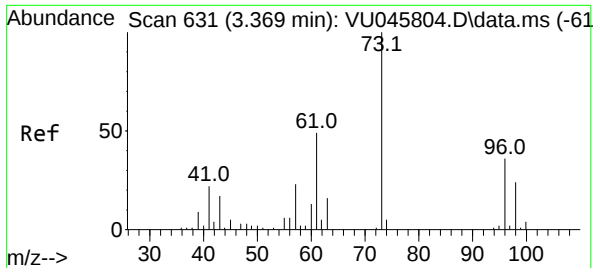
Tgt Ion: 43 Resp: 17153
Ion Ratio Lower Upper
43 100
74 22.6 19.1 28.7



#16
Methylene chloride
Concen: 4.425 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion: 84 Resp: 38023
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.0
49 123.9 84.5 156.9

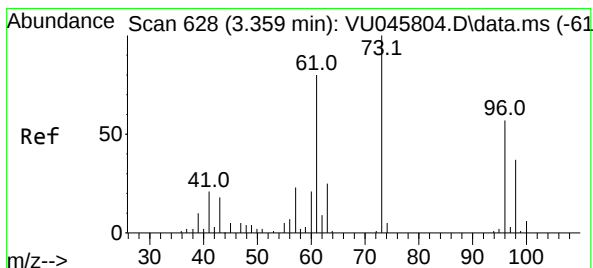
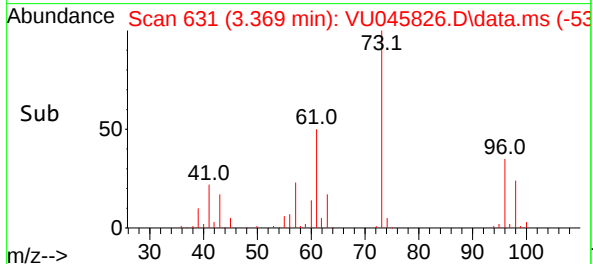
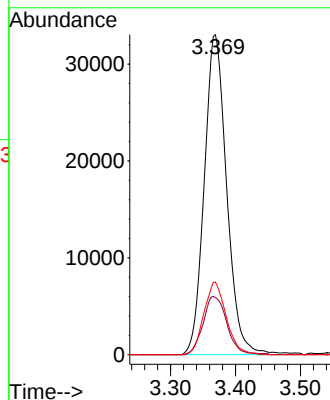
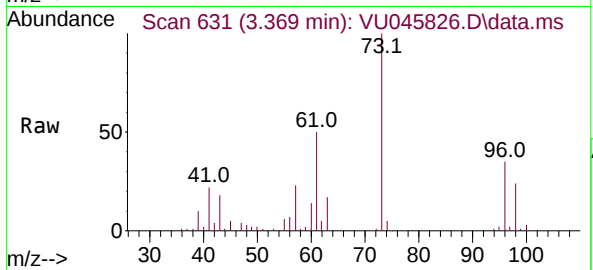




#17
Methyl tert-butyl Ether
Concen: 5.236 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

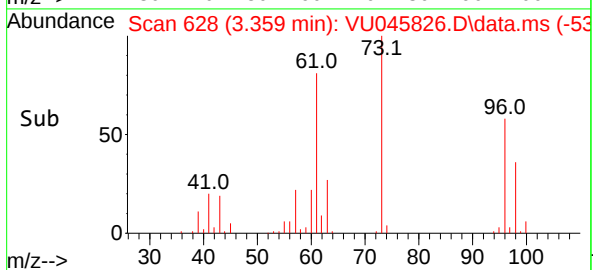
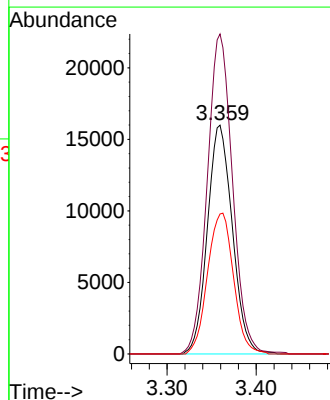
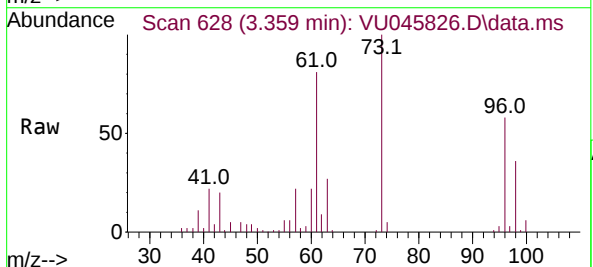
Instrument :
MSVOA_U
ClientSampleId :

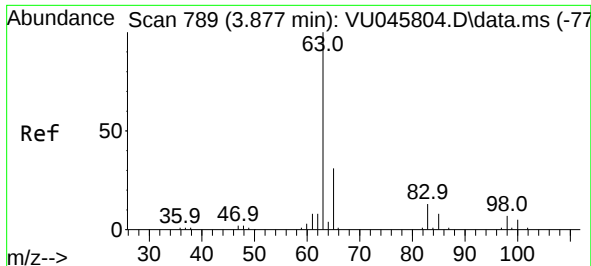
Tgt Ion: 73	Resp: 79341
Ion Ratio	Lower Upper
73 100	
43 19.4	14.8 22.2
57 22.5	17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.999 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion: 96	Resp: 31192
Ion Ratio	Lower Upper
96 100	
61 139.9	100.8 187.2
98 61.2	45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.165 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

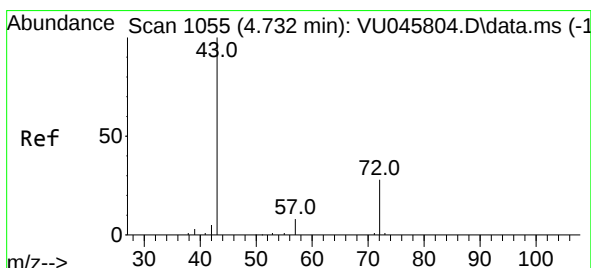
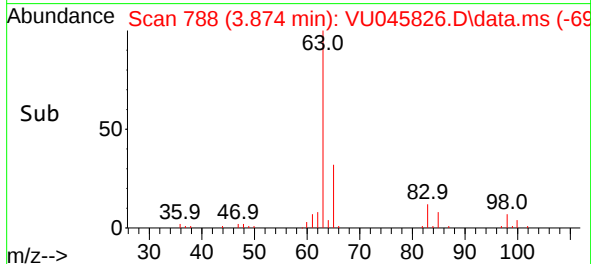
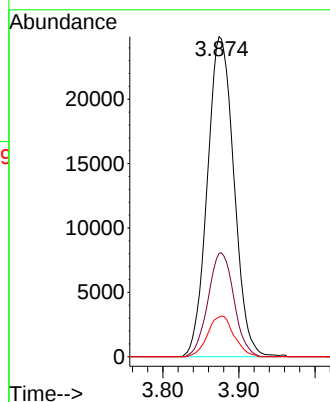
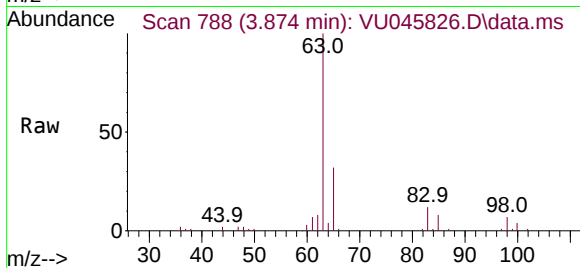
Tgt Ion: 63 Resp: 60371

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 12.4 9.6 17.8



#21

2-Butanone

Concen: 59.077 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VU045826.D

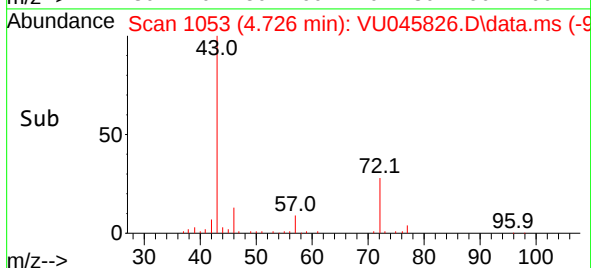
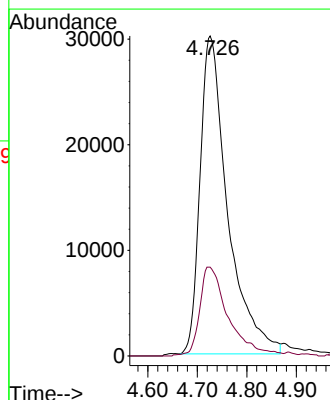
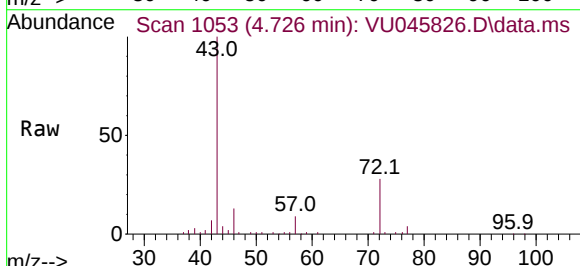
Acq: 16 Nov 2021 22:50

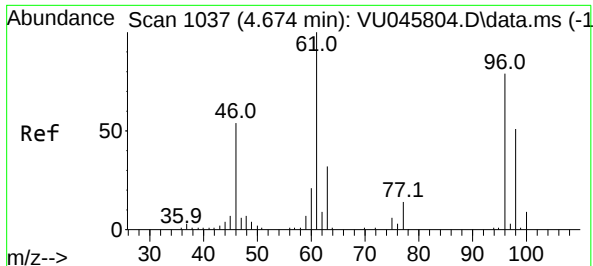
Tgt Ion: 43 Resp: 116799

Ion Ratio Lower Upper

43 100

72 28.9 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.051 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

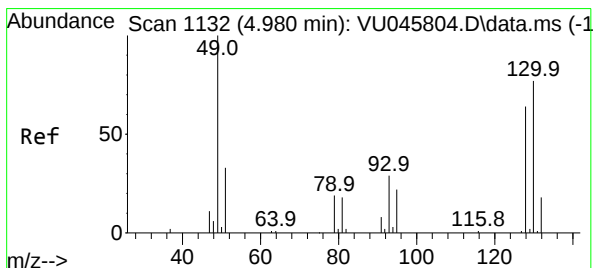
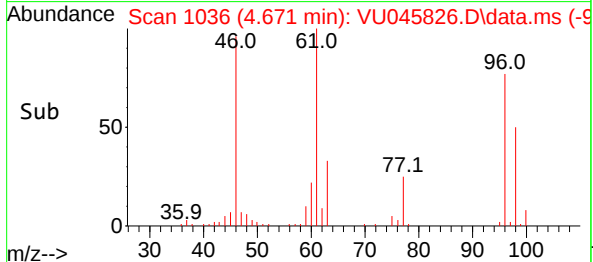
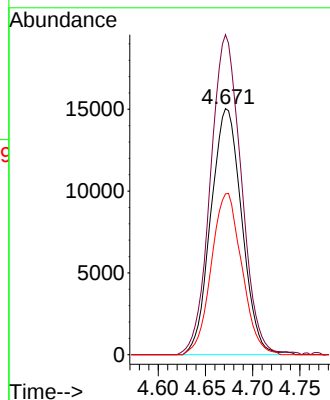
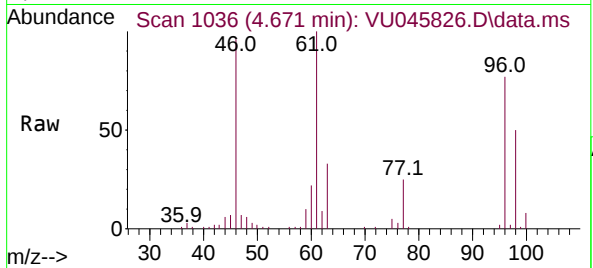
Tgt Ion: 96 Resp: 34166

Ion Ratio Lower Upper

96 100

61 130.0 88.5 164.3

98 65.4 44.4 82.5



#23

Bromochloromethane

Concen: 5.576 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Tgt Ion:128 Resp: 16440

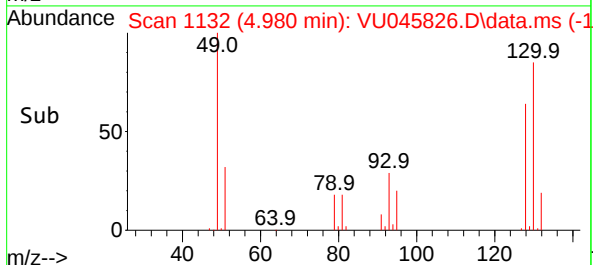
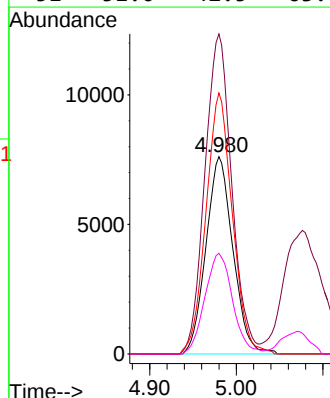
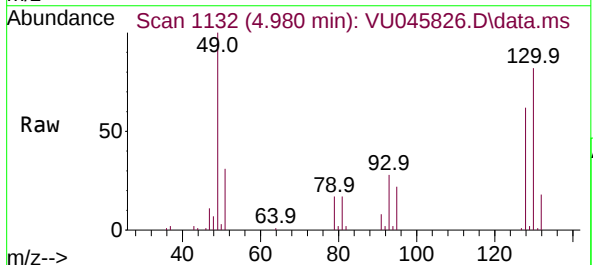
Ion Ratio Lower Upper

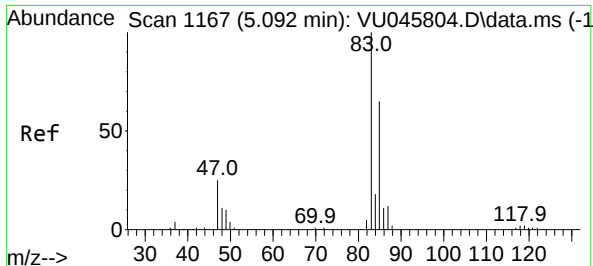
128 100

49 162.2 117.0 217.2

130 132.3 88.2 163.8

51 51.0 42.5 63.7





#25

Chloroform

Concen: 5.250 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

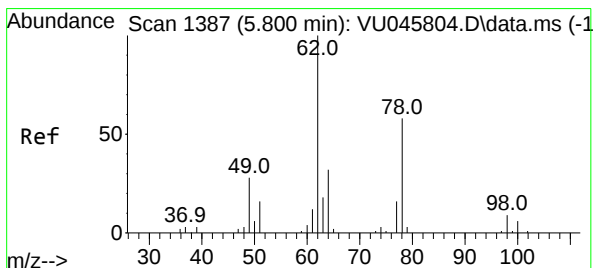
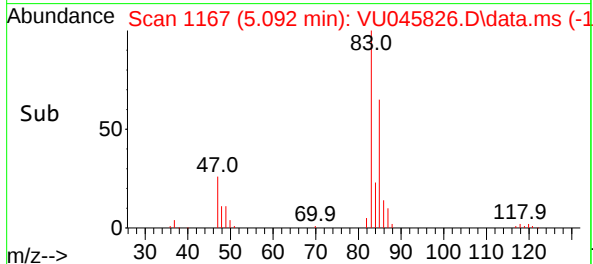
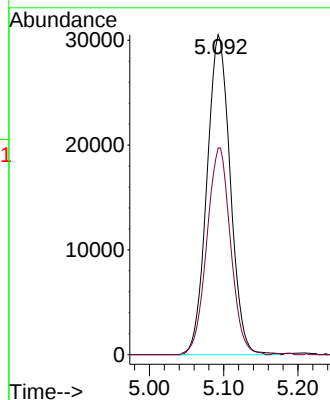
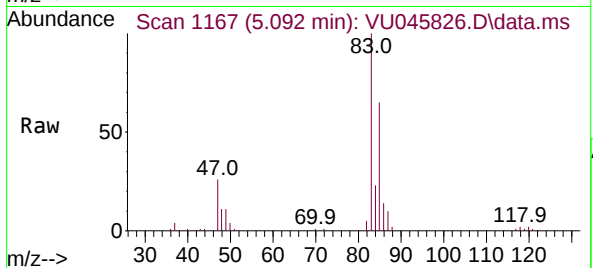
ClientSampleId :

Tgt Ion: 83 Resp: 66569

Ion Ratio Lower Upper

83 100

85 64.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.131 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045826.D

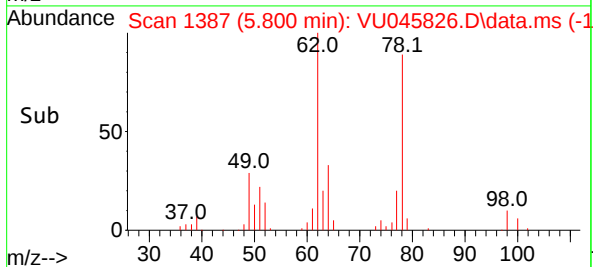
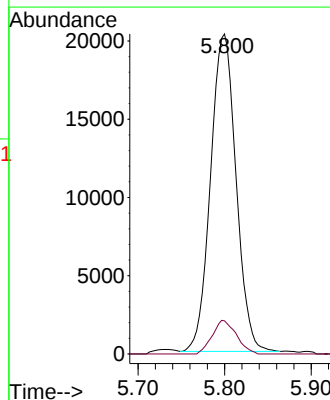
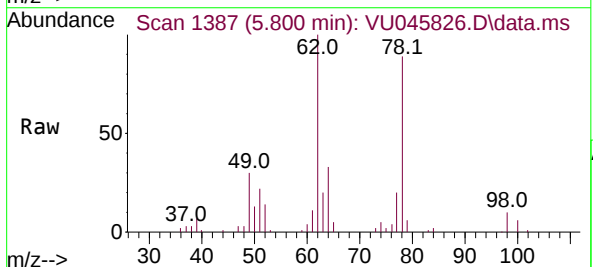
Acq: 16 Nov 2021 22:50

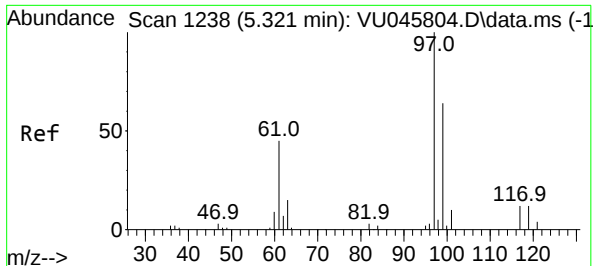
Tgt Ion: 62 Resp: 41518

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.019 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

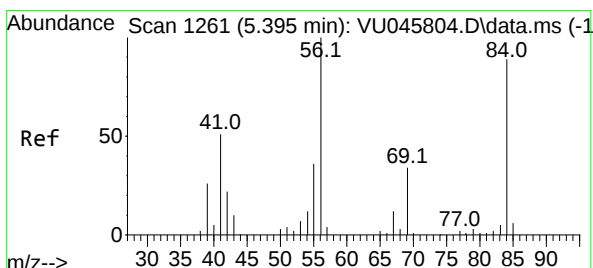
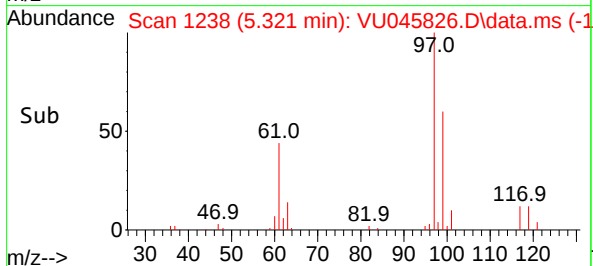
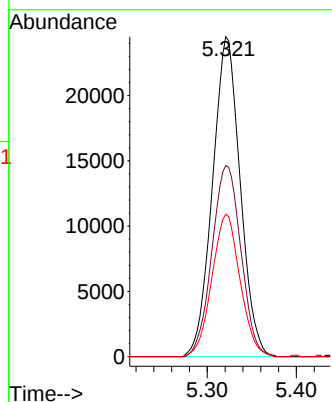
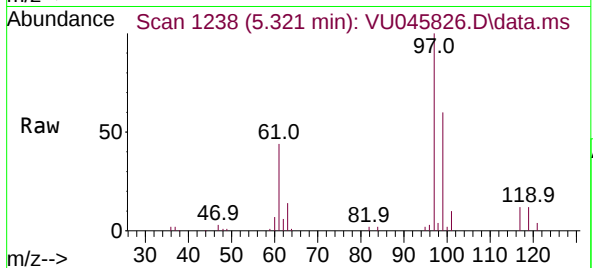
Tgt Ion: 97 Resp: 52934

Ion Ratio Lower Upper

97 100

99 62.5 51.3 76.9

61 45.4 36.1 54.1



#30

Cyclohexane

Concen: 4.790 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

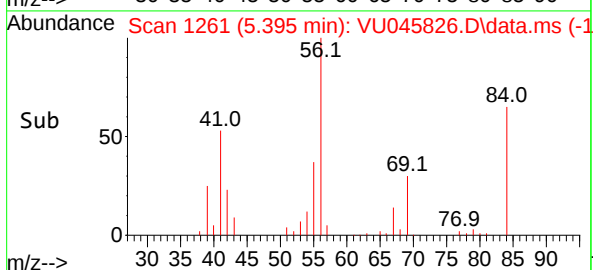
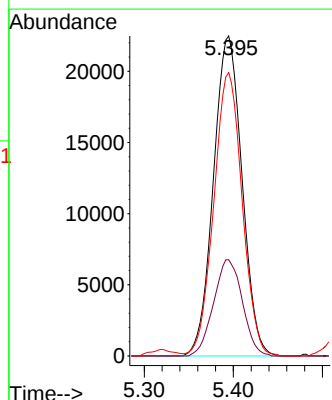
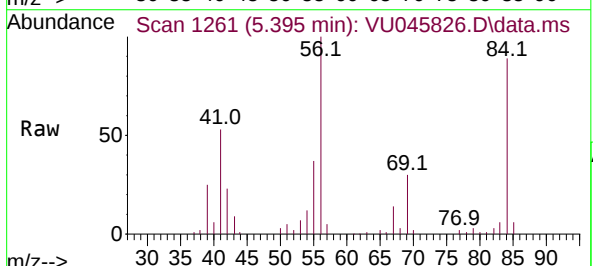
Tgt Ion: 56 Resp: 50101

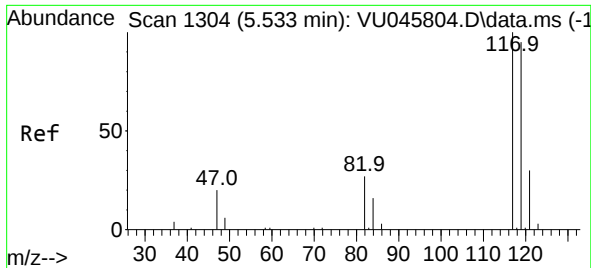
Ion Ratio Lower Upper

56 100

69 30.3 24.7 37.1

84 87.9 71.8 107.6

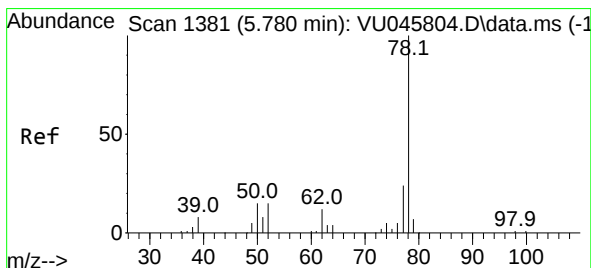
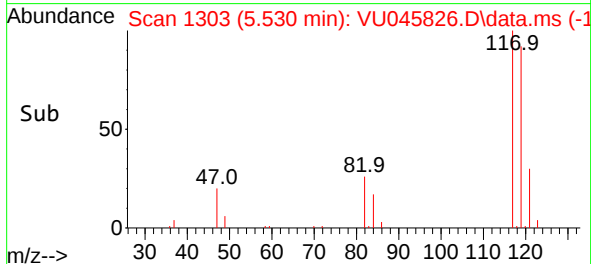
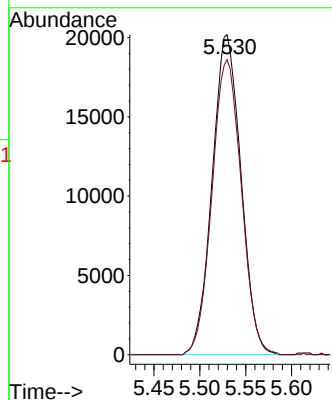
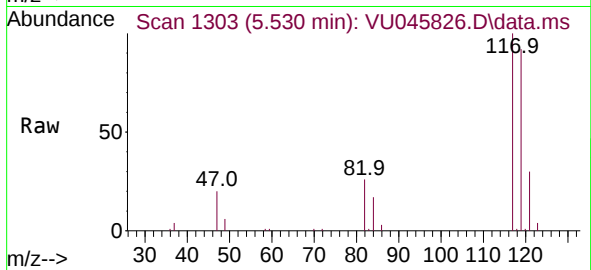




#31
Carbon tetrachloride
Concen: 4.953 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

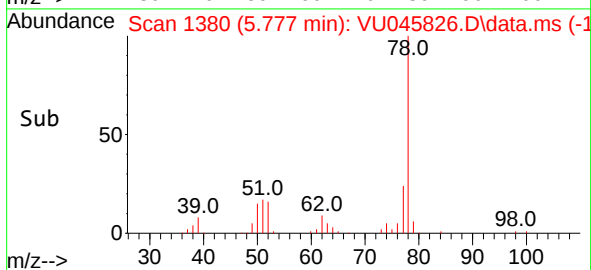
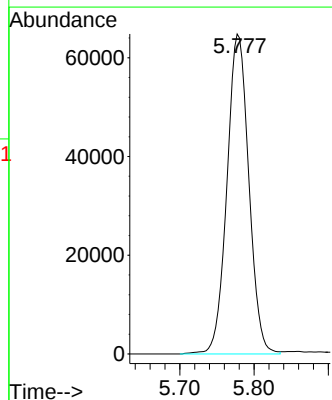
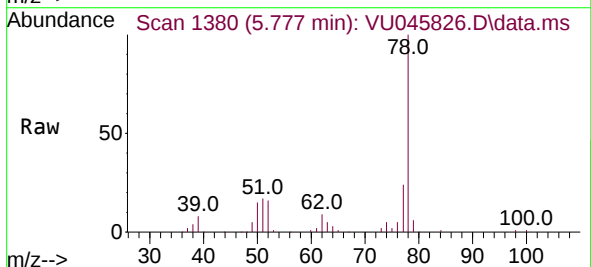
Instrument :
MSVOA_U
ClientSampleId :

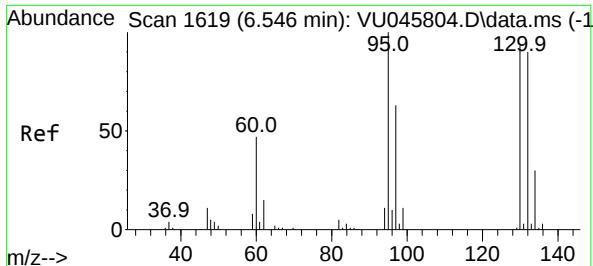
Tgt Ion:117 Resp: 43932
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3



#33
Benzene
Concen: 4.899 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion: 78 Resp: 132720





#34

Trichloroethene

Concen: 4.857 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 33911

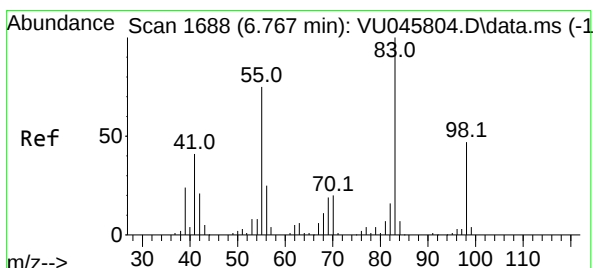
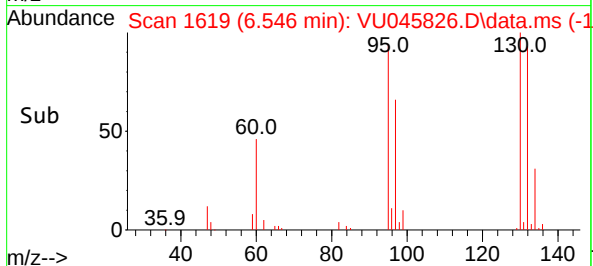
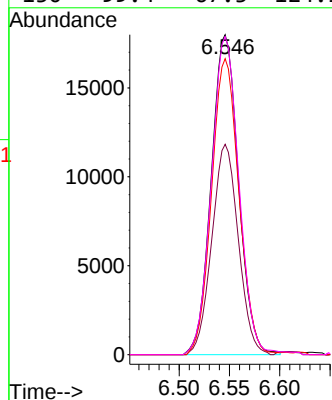
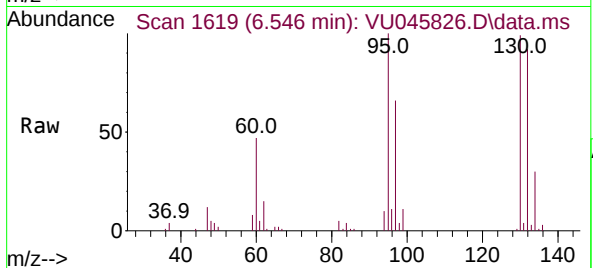
Ion Ratio Lower Upper

95 100

97 65.8 46.5 86.5

132 92.5 65.1 120.9

130 99.4 67.3 124.9



#35

Methylcyclohexane

Concen: 4.699 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

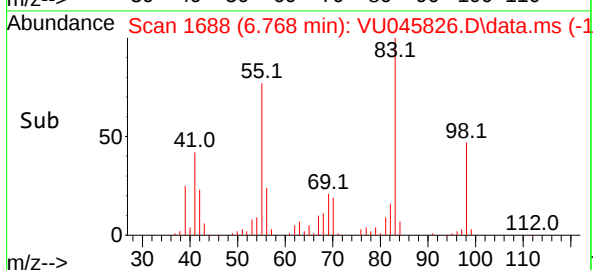
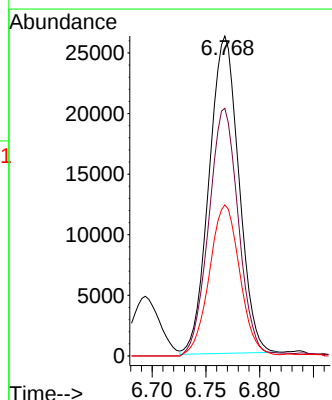
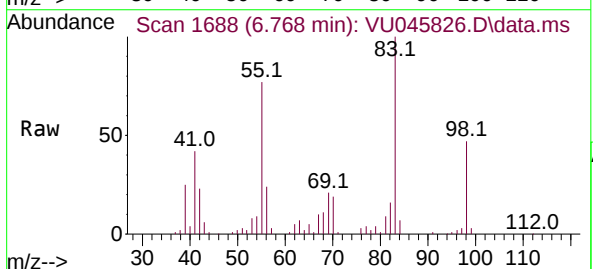
Tgt Ion: 83 Resp: 50374

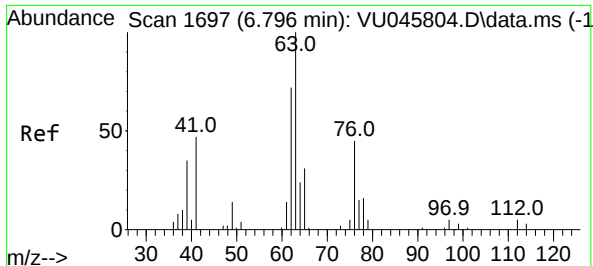
Ion Ratio Lower Upper

83 100

55 78.3 61.9 92.9

98 48.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.043 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

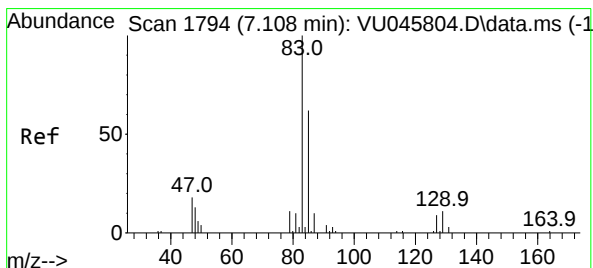
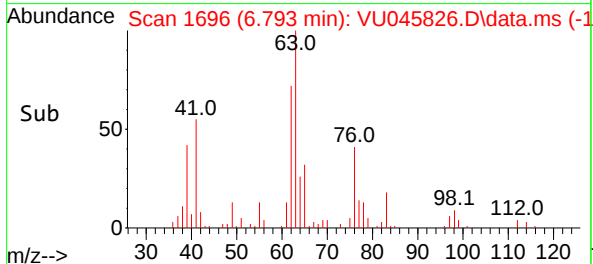
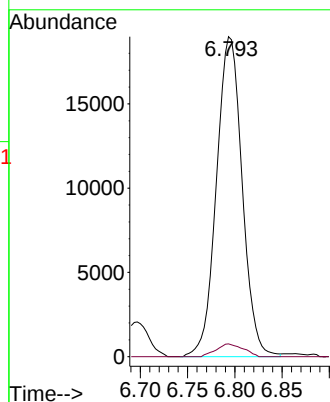
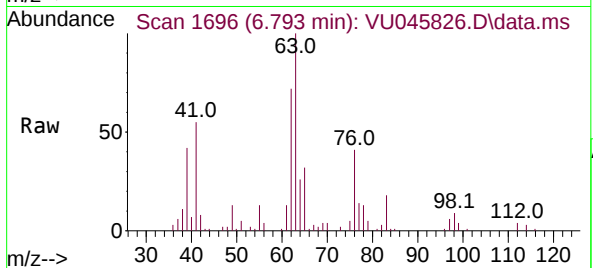
ClientSampleId :

Tgt Ion: 63 Resp: 35951

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.039 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

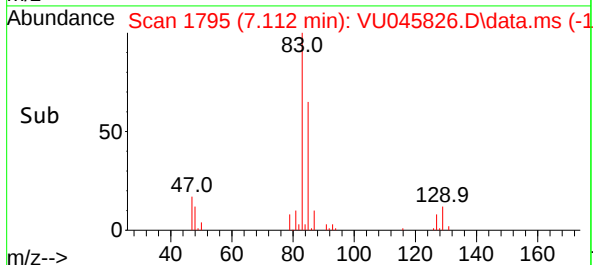
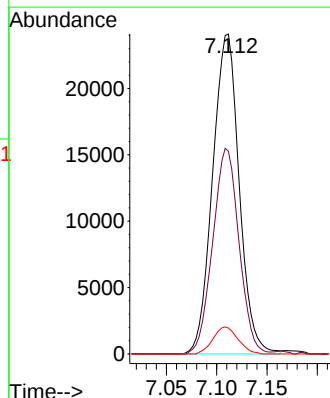
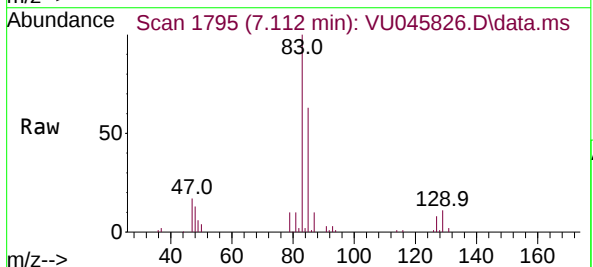
Tgt Ion: 83 Resp: 44327

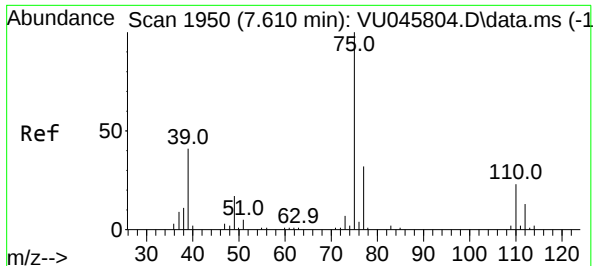
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.8

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.842 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

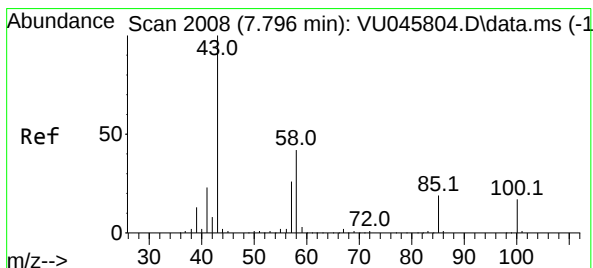
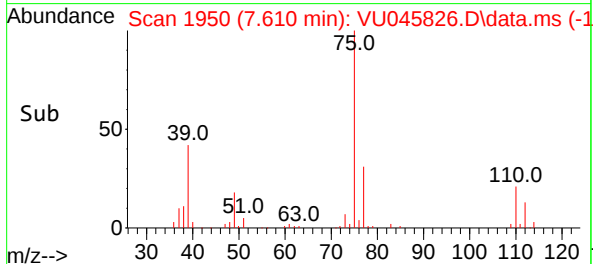
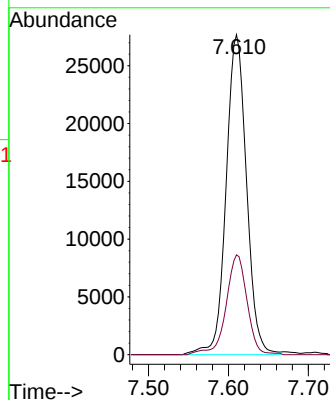
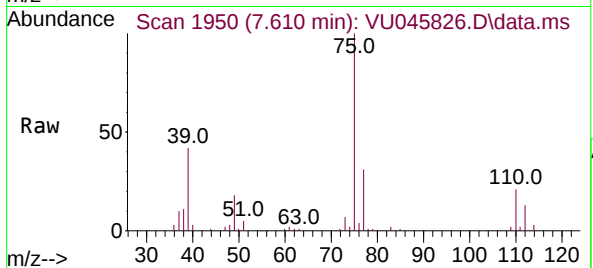
ClientSampleId :

Tgt Ion: 75 Resp: 49046

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 58.025 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

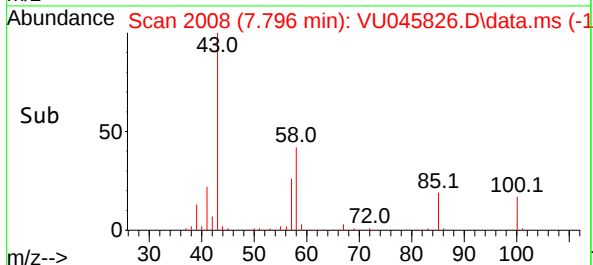
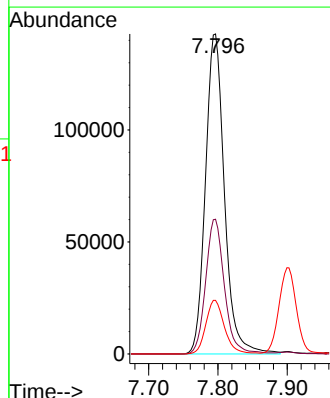
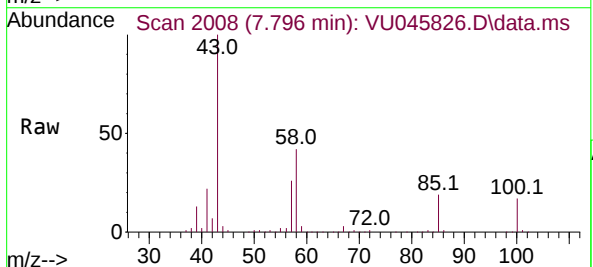
Tgt Ion: 43 Resp: 271318

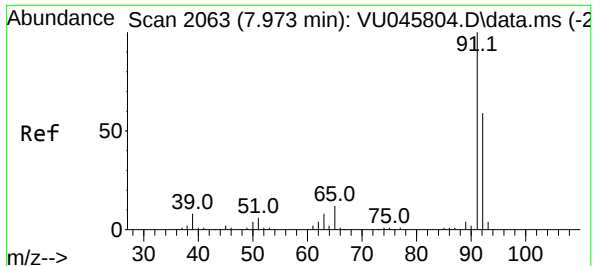
Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7

100 16.5 13.2 19.8





#42

Toluene

Concen: 5.129 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

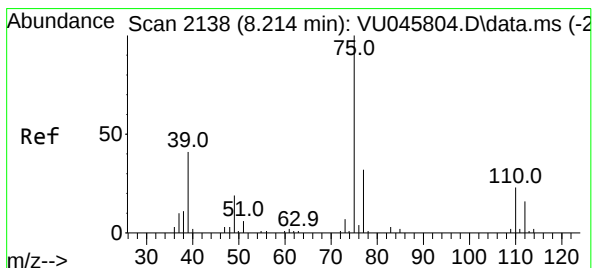
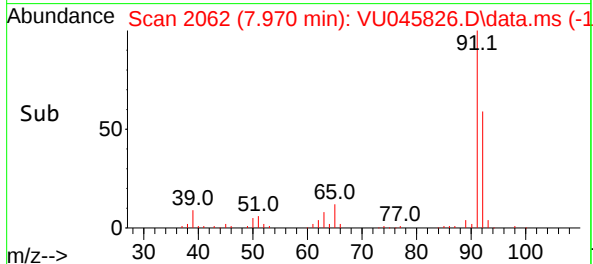
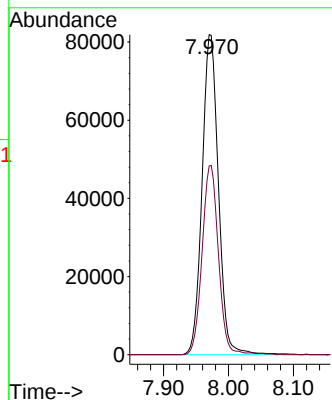
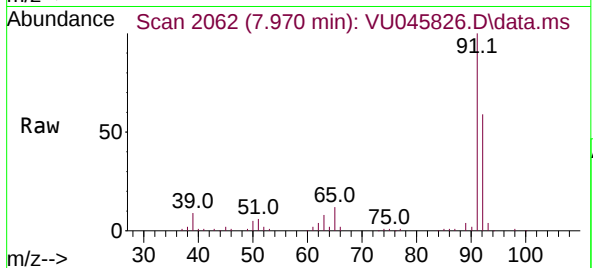
ClientSampleId :

Tgt Ion: 91 Resp: 143415

Ion Ratio Lower Upper

91 100

92 58.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.087 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU045826.D

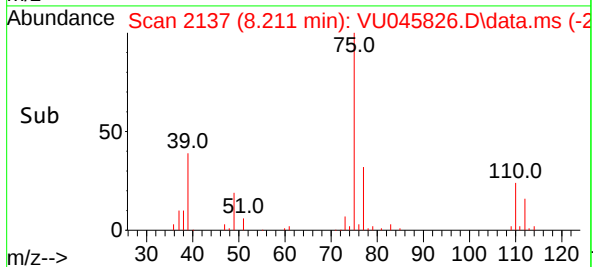
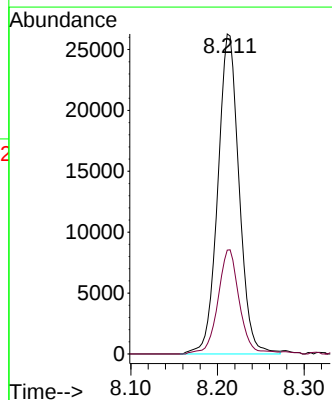
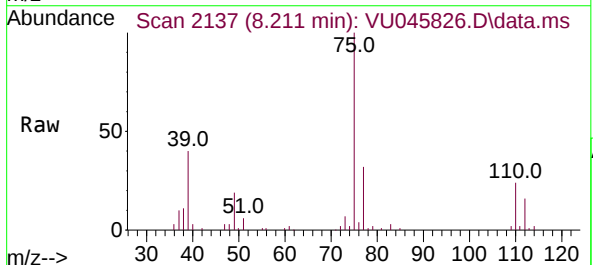
Acq: 16 Nov 2021 22:50

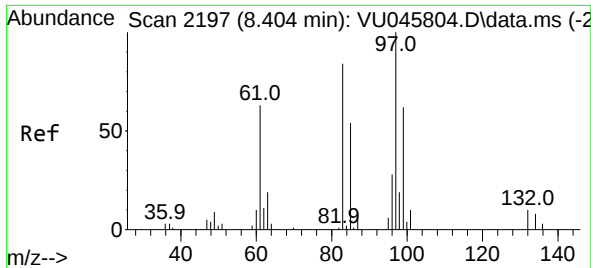
Tgt Ion: 75 Resp: 44829

Ion Ratio Lower Upper

75 100

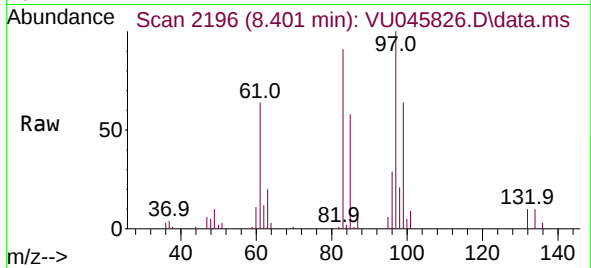
77 32.5 22.7 42.3



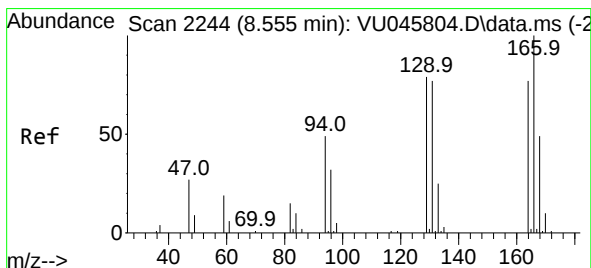
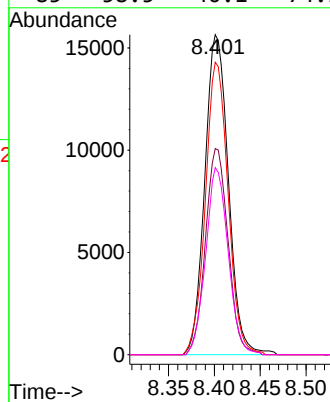
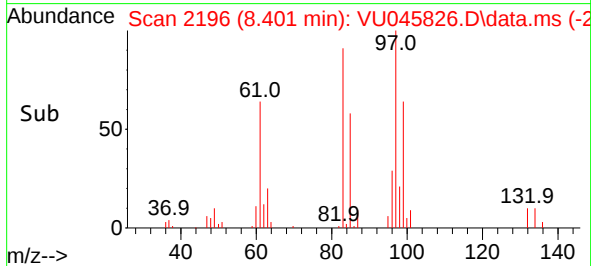


#45
1,1,2-Trichloroethane
Concen: 5.297 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

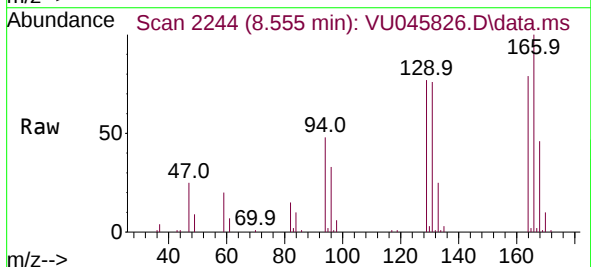
Instrument :
MSVOA_U
ClientSampleId :



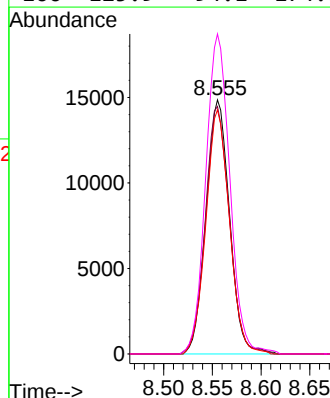
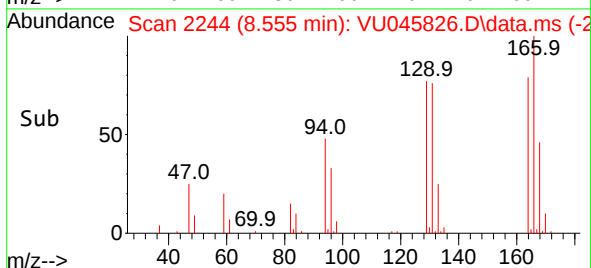
Tgt Ion:	97	Resp:	28031
Ion	Ratio	Lower	Upper
97	100		
99	64.4	42.3	78.5
83	91.4	62.0	115.2
85	58.5	40.1	74.5

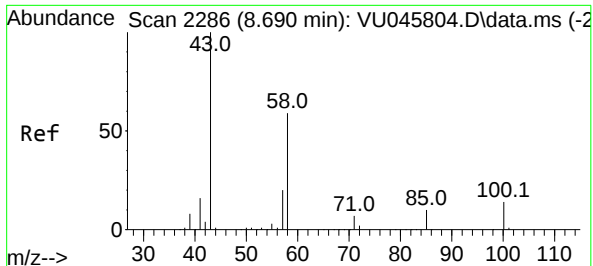


#47
Tetrachloroethene
Concen: 5.121 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50



Tgt Ion:	164	Resp:	25026
Ion	Ratio	Lower	Upper
164	100		
129	97.4	71.8	133.4
131	96.1	68.5	127.3
166	125.9	94.1	174.8



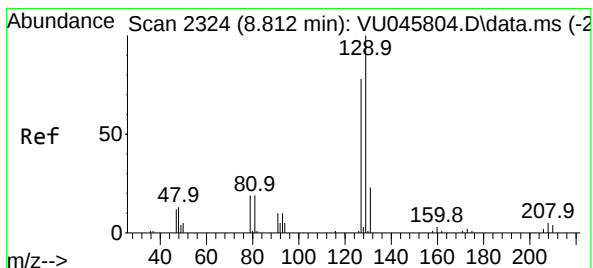
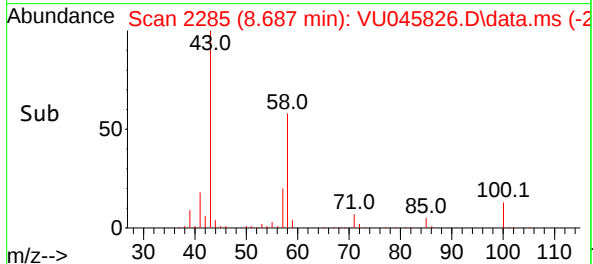
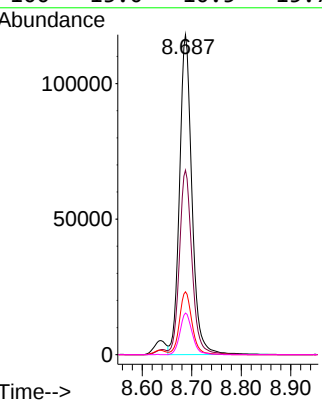
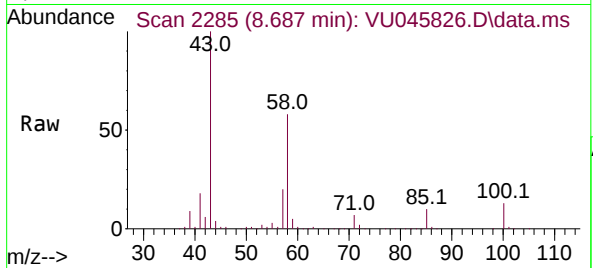


#48
2-Hexanone
Concen: 60.993 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 206033

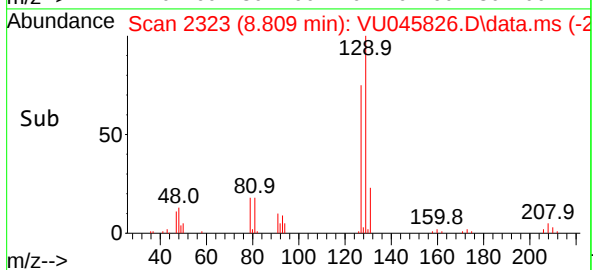
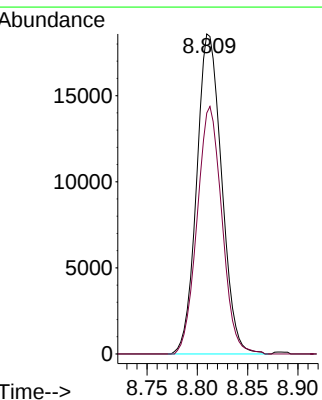
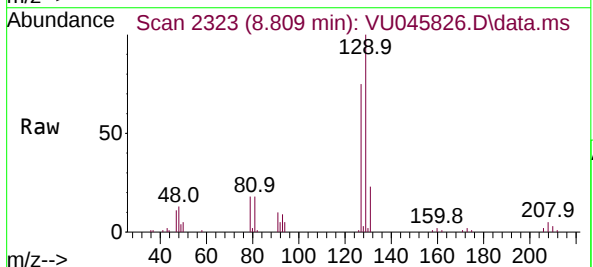
Ion	Ratio	Lower	Upper
43	100		
58	58.7	46.7	70.1
57	19.7	16.3	24.5
100	13.0	10.5	15.7

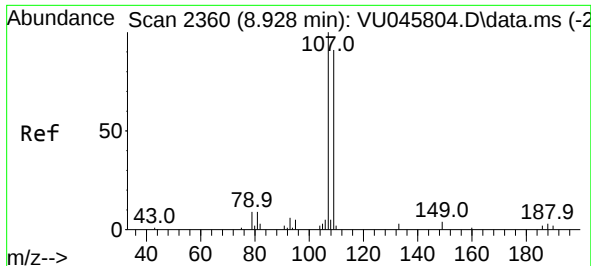


#49
Dibromochloromethane
Concen: 5.321 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion: 129 Resp: 32072

Ion	Ratio	Lower	Upper
129	100		
127	75.3	55.4	102.8

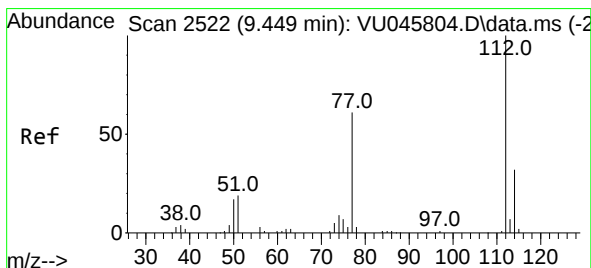
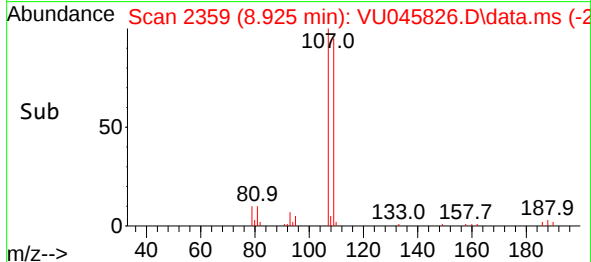
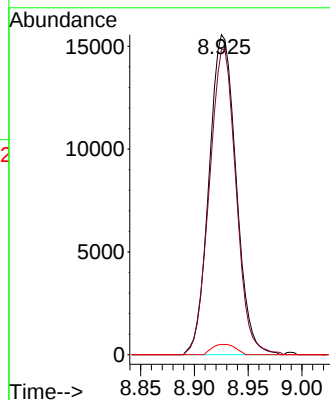
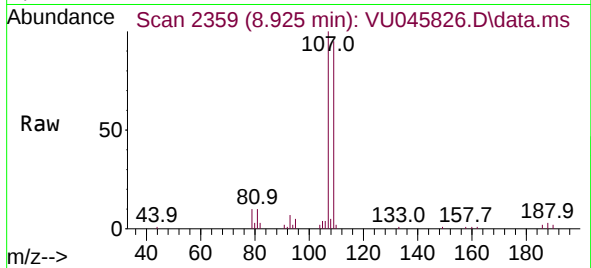




#50
1,2-Dibromoethane
Concen: 5.456 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

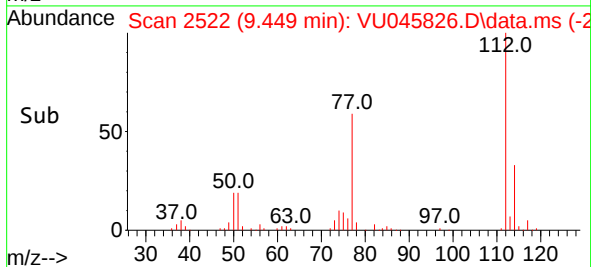
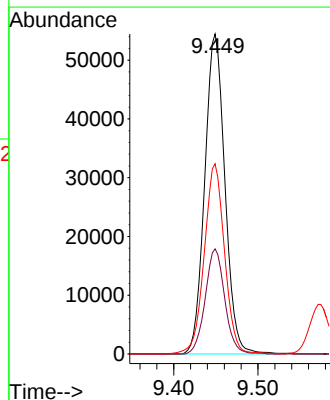
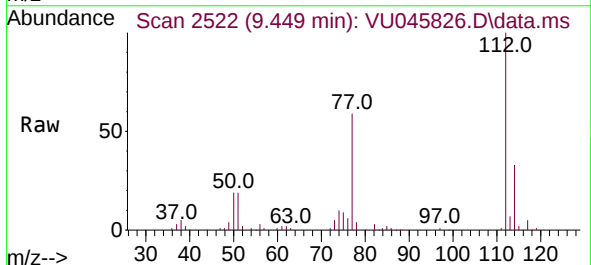
Instrument :
MSVOA_U
ClientSampleId :

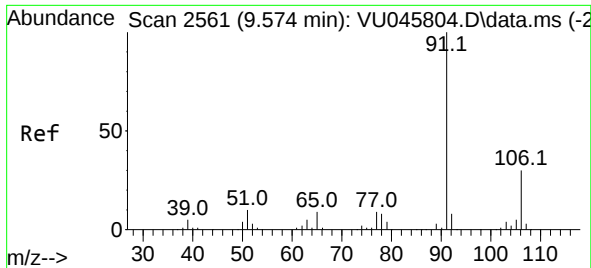
Tgt Ion:107 Resp: 27206
Ion Ratio Lower Upper
107 100
109 95.4 64.0 119.0
188 3.2 2.4 3.6



#51
Chlorobenzene
Concen: 5.181 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion:112 Resp: 90867
Ion Ratio Lower Upper
112 100
114 32.9 22.1 41.1
77 59.4 48.3 72.5

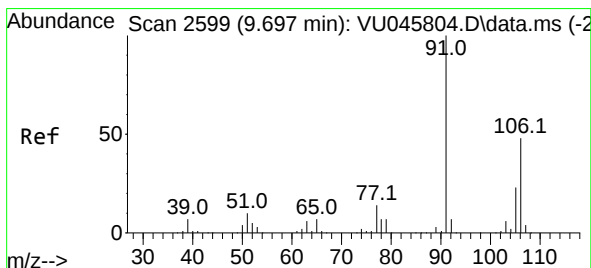
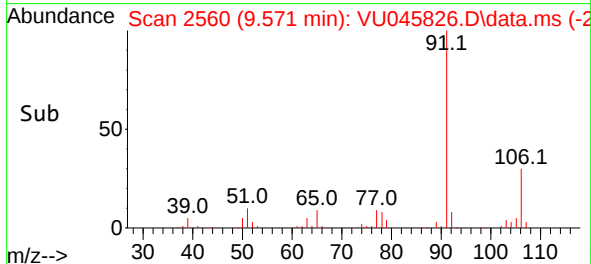
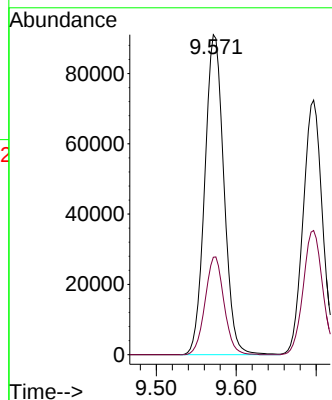
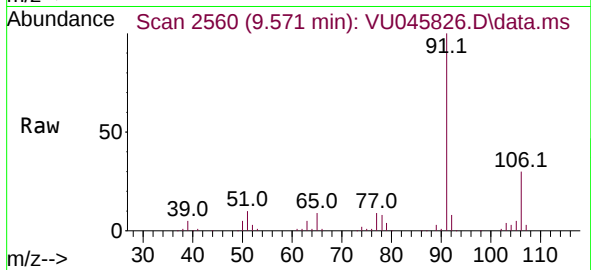




#52
Ethylbenzene
Concen: 5.175 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

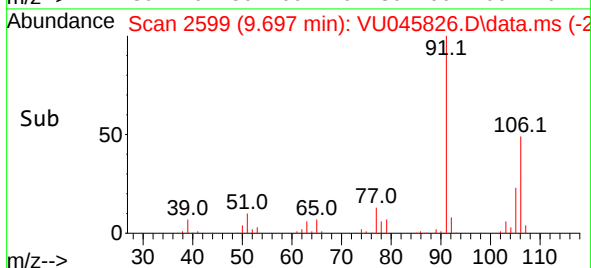
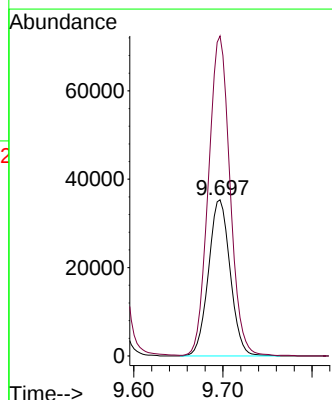
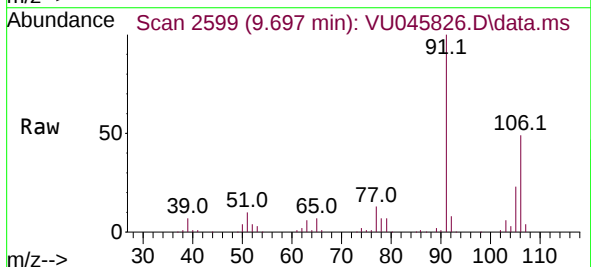
Instrument :
MSVOA_U
ClientSampleId :

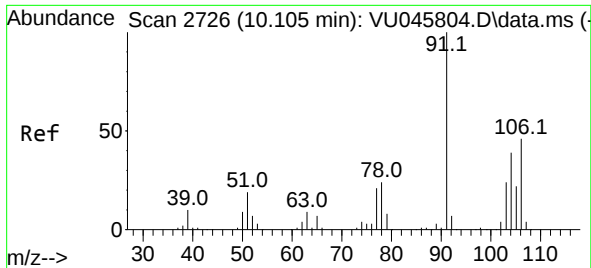
Tgt Ion: 91 Resp: 151475
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.326 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion: 106 Resp: 59714
Ion Ratio Lower Upper
106 100
91 205.0 139.4 259.0

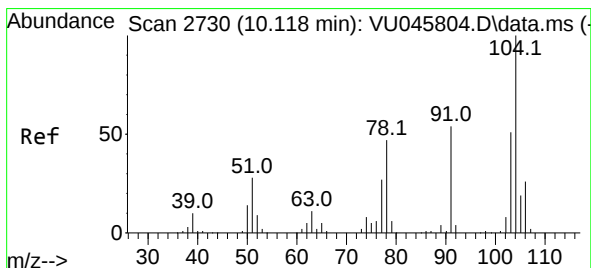
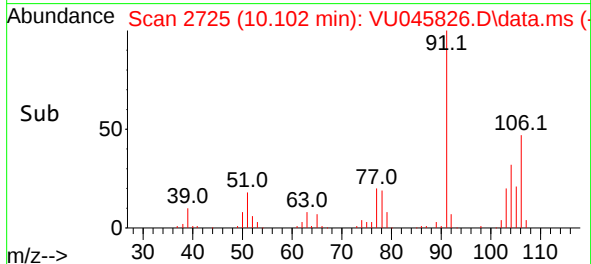
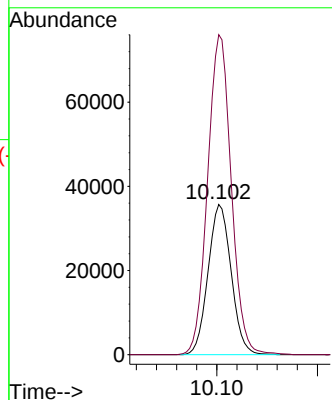
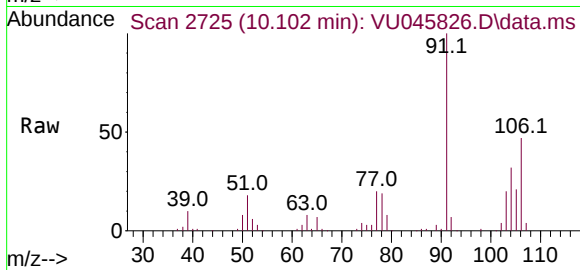




#54
o-Xylene
Concen: 5.264 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

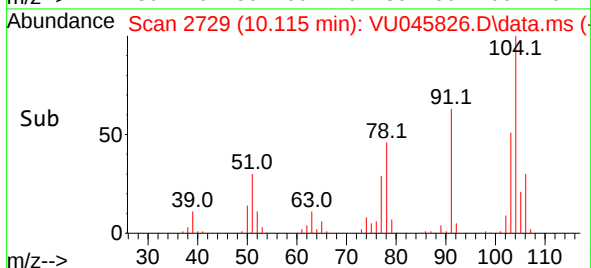
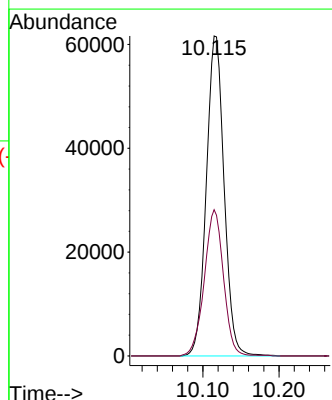
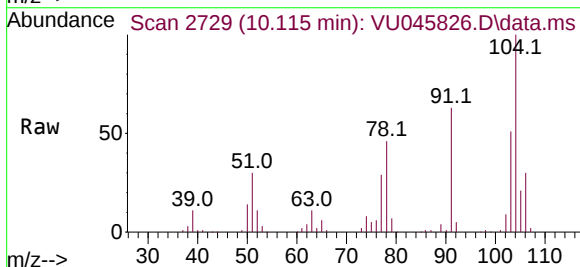
Instrument :
MSVOA_U
ClientSampleId :

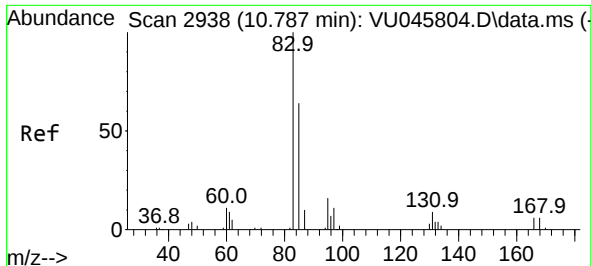
Tgt Ion:106 Resp: 56955
Ion Ratio Lower Upper
106 100
91 212.9 147.5 273.9



#55
Styrene
Concen: 5.495 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion:104 Resp: 100083
Ion Ratio Lower Upper
104 100
78 45.7 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.352 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

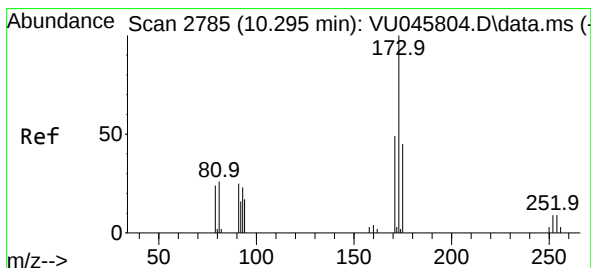
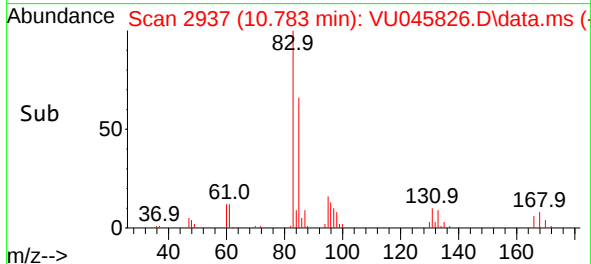
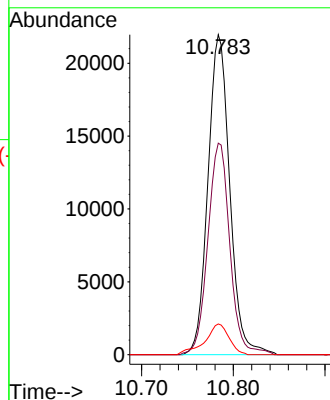
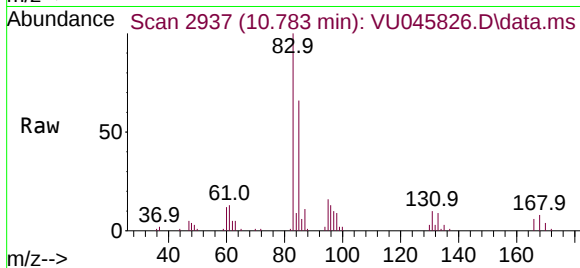
Tgt Ion: 83 Resp: 36281

Ion Ratio Lower Upper

83 100

85 66.1 47.9 89.1

131 9.6 8.1 12.1



#59

Bromoform

Concen: 5.151 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

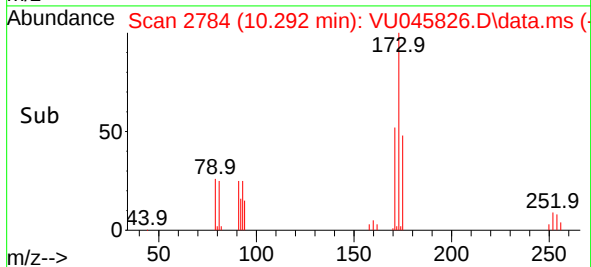
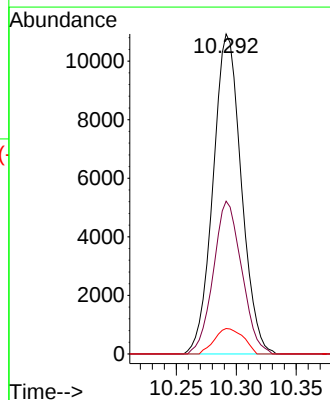
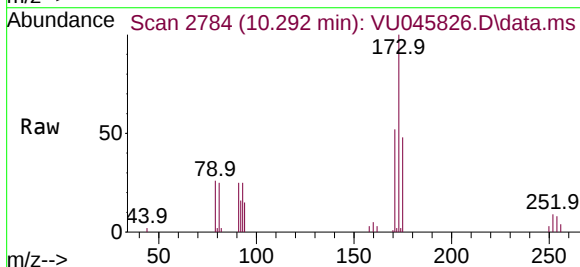
Tgt Ion:173 Resp: 17845

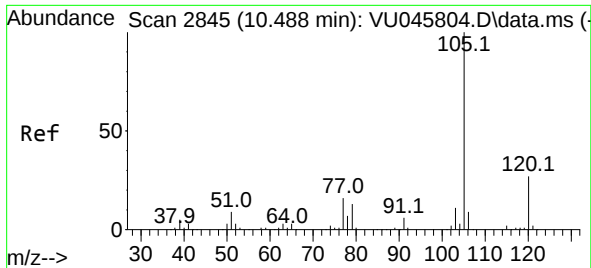
Ion Ratio Lower Upper

173 100

175 48.0 37.8 56.6

254 8.1 7.3 10.9

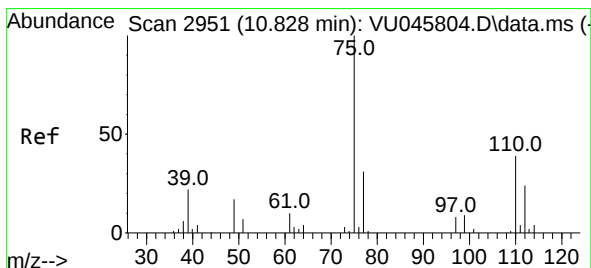
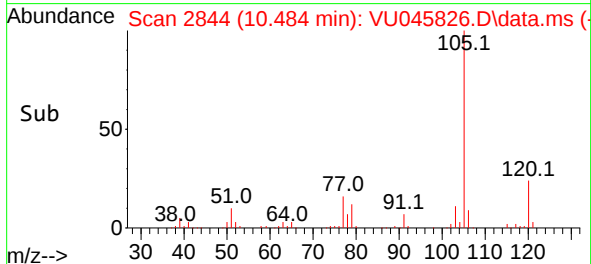
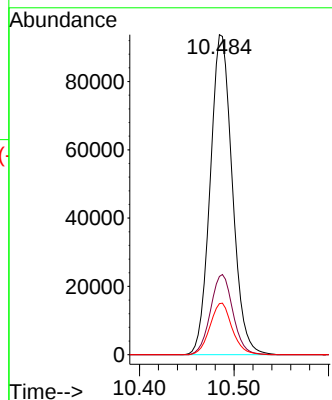
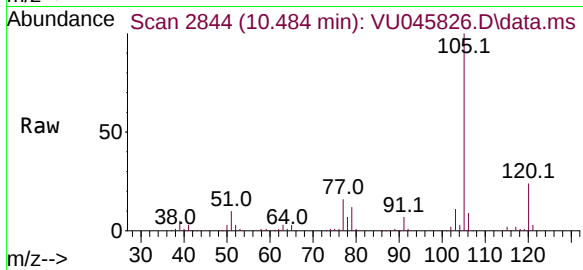




#60
Isopropylbenzene
Concen: 4.945 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

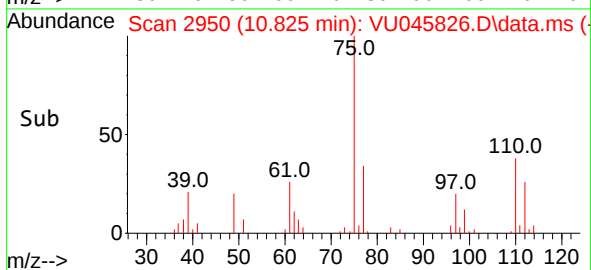
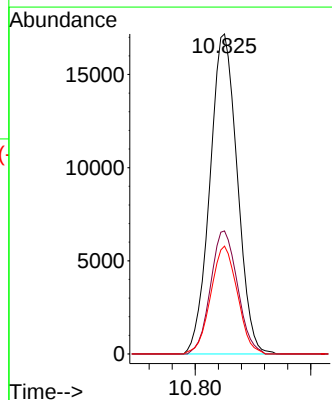
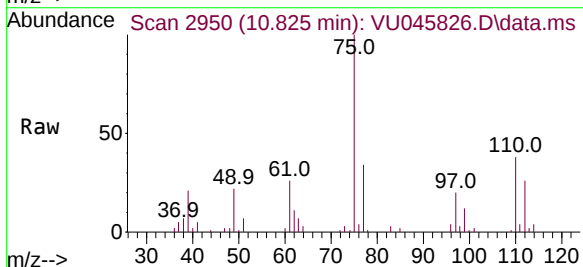
Instrument :
MSVOA_U
ClientSampleId :

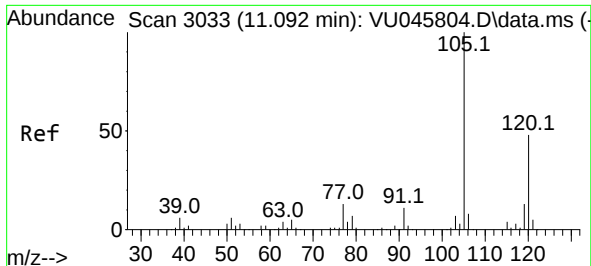
Tgt Ion:105 Resp: 151839
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.207 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion: 75 Resp: 28271
Ion Ratio Lower Upper
75 100
110 37.9 29.9 44.9
77 32.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.933 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

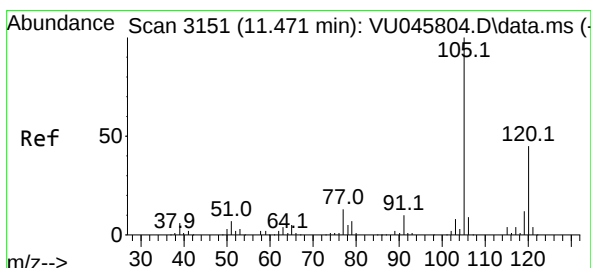
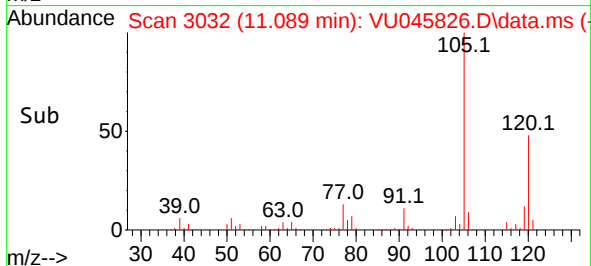
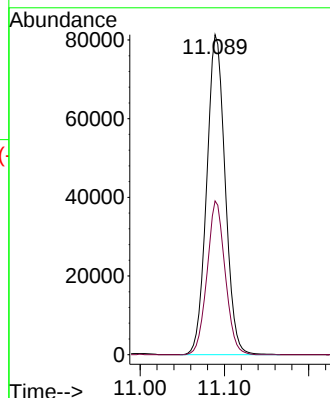
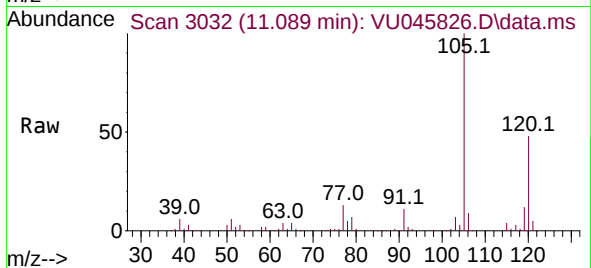
ClientSampleId :

Tgt Ion:105 Resp: 123867

Ion Ratio Lower Upper

105 100

120 47.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.946 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU045826.D

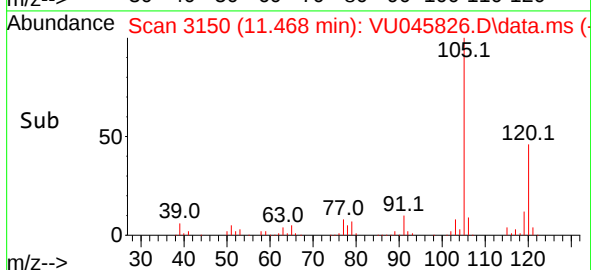
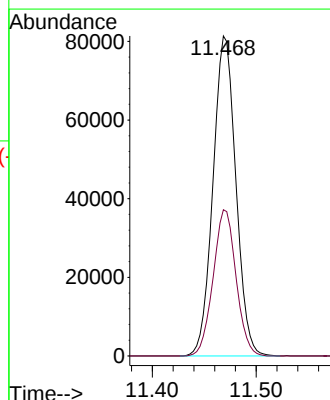
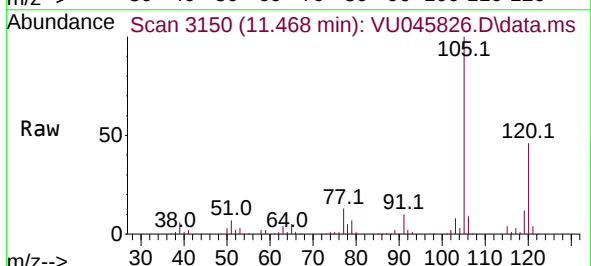
Acq: 16 Nov 2021 22:50

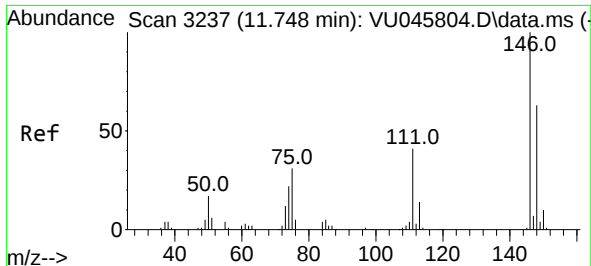
Tgt Ion:105 Resp: 124431

Ion Ratio Lower Upper

105 100

120 45.7 35.8 53.8

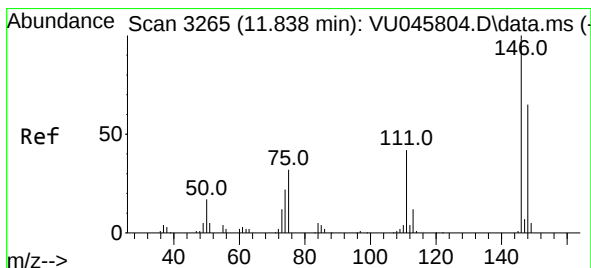
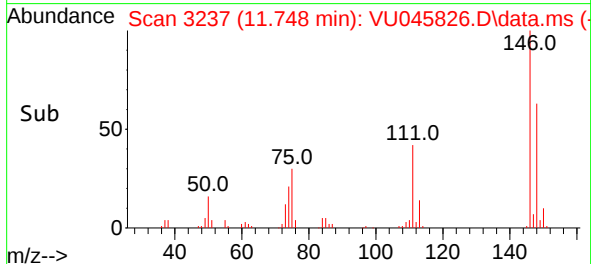
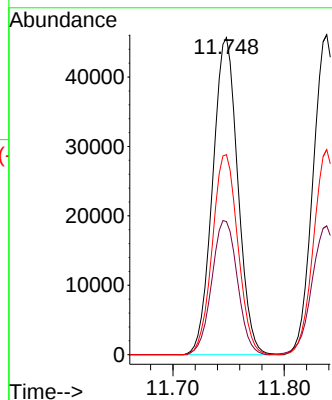
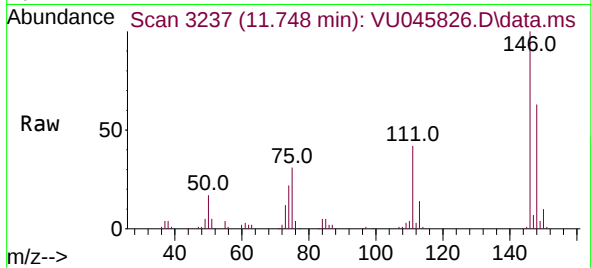




#64
1,3-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

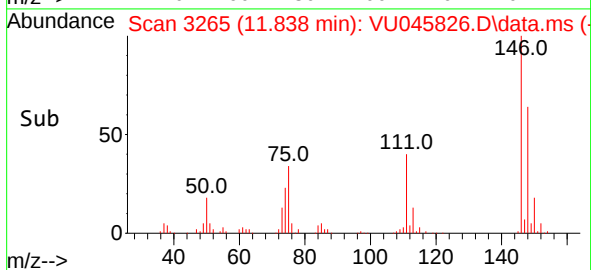
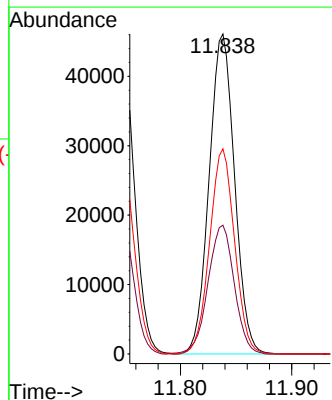
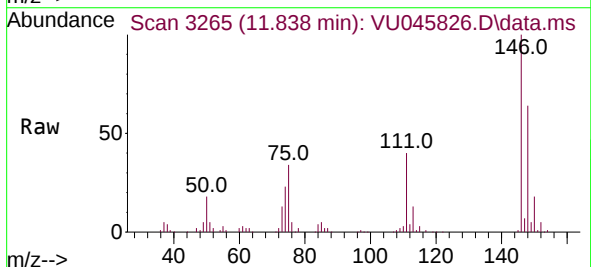
Instrument :
MSVOA_U
ClientSampleId :

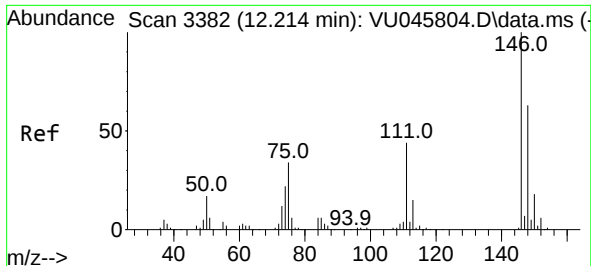
Tgt Ion:146 Resp: 71668
Ion Ratio Lower Upper
146 100
111 42.0 29.9 55.5
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.028 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion:146 Resp: 73175
Ion Ratio Lower Upper
146 100
111 40.3 28.7 53.3
148 64.1 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.113 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

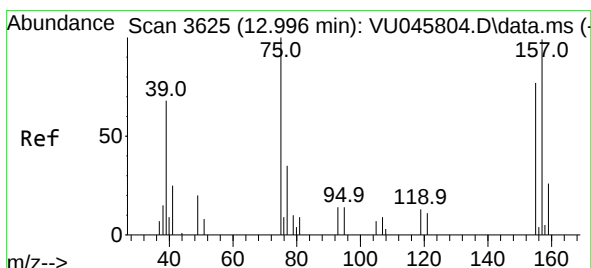
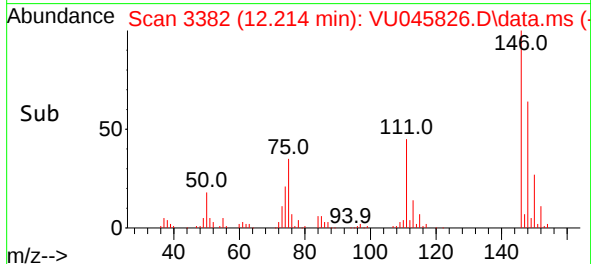
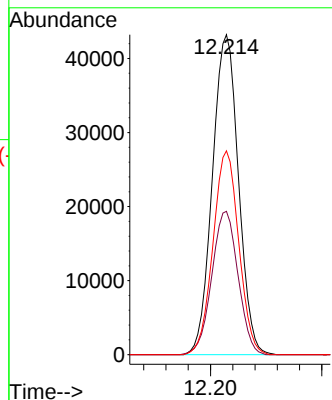
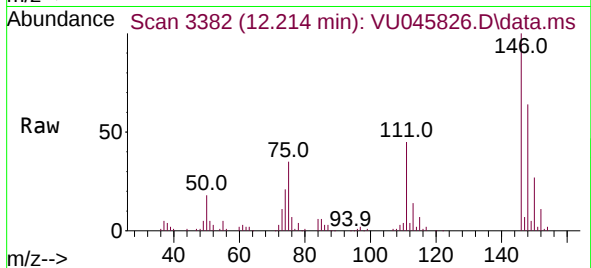
Tgt Ion:146 Resp: 70224

Ion Ratio Lower Upper

146 100

111 44.8 35.4 53.0

148 63.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.187 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU045826.D

Acq: 16 Nov 2021 22:50

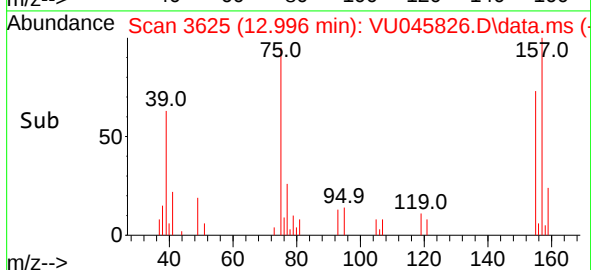
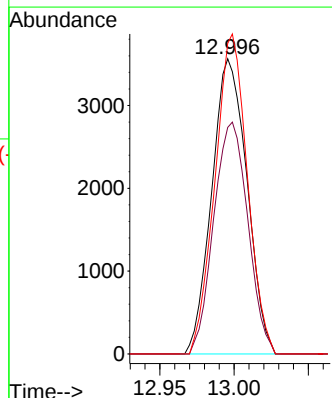
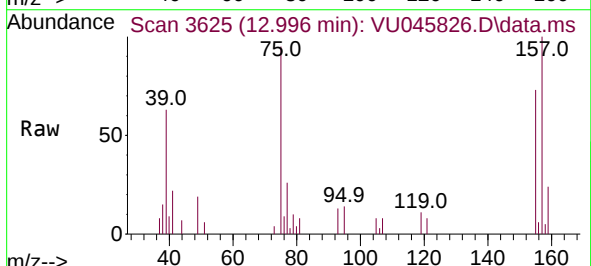
Tgt Ion: 75 Resp: 5860

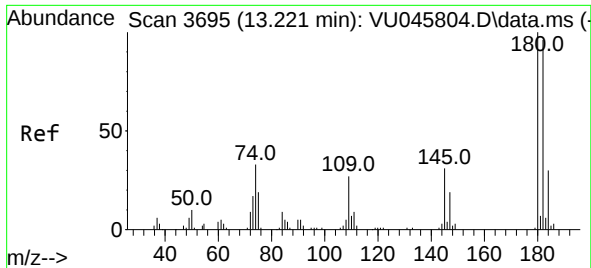
Ion Ratio Lower Upper

75 100

155 76.7 59.2 88.8

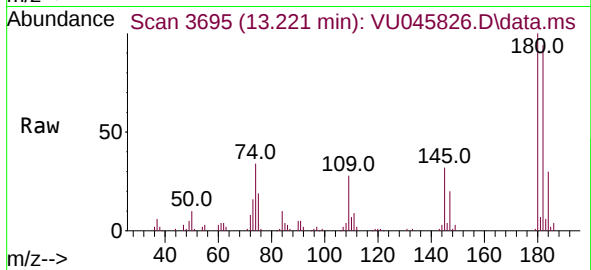
157 105.2 76.5 114.7



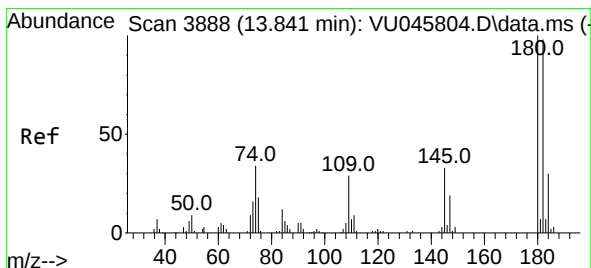
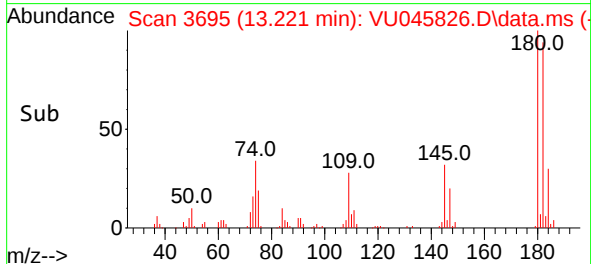
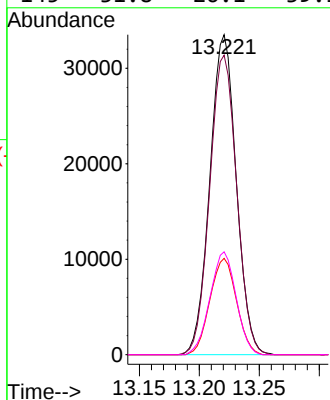


#69
 1,3,5-Trichlorobenzene
 Concen: 4.779 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045826.D
 Acq: 16 Nov 2021 22:50

Instrument :
 MSVOA_U
 ClientSampleId :

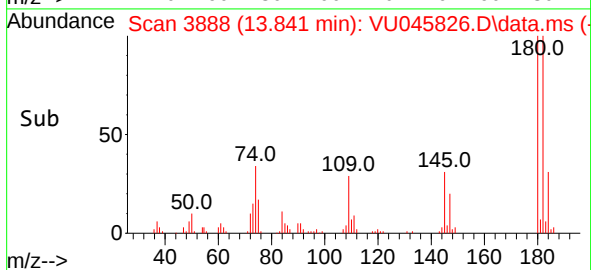
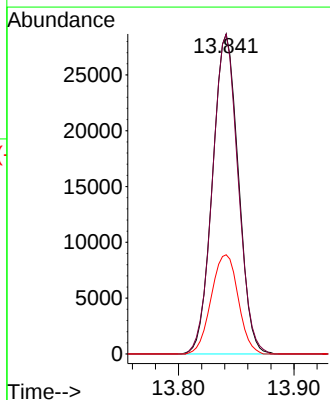
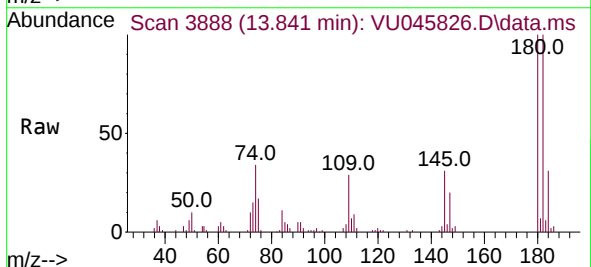


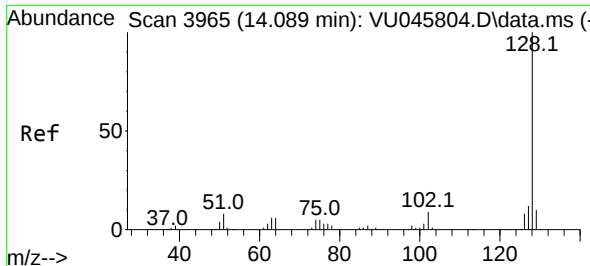
Tgt Ion:180 Resp: 51215
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.1 114.1
 184 30.3 25.0 37.4
 145 31.8 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.898 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045826.D
 Acq: 16 Nov 2021 22:50

Tgt Ion:180 Resp: 44417
 Ion Ratio Lower Upper
 180 100
 182 99.4 76.4 114.6
 145 32.5 25.6 38.4

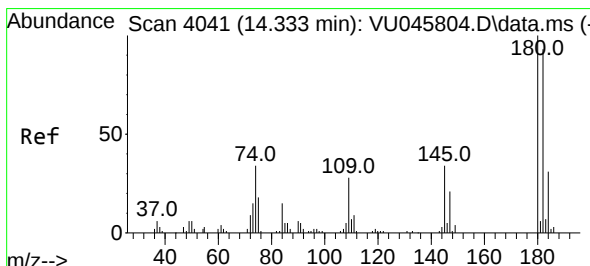
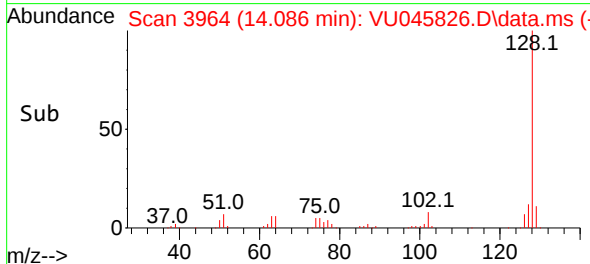
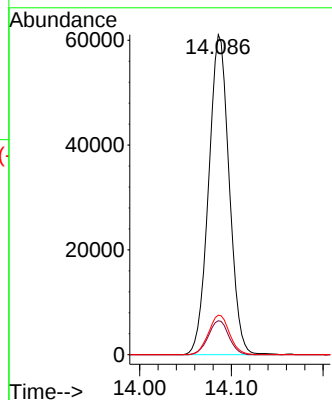
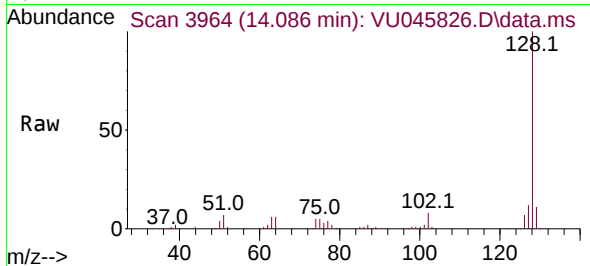




#71
Naphthalene
Concen: 5.096 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 94938
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.922 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045826.D
Acq: 16 Nov 2021 22:50

Tgt Ion:180 Resp: 44410
Ion Ratio Lower Upper
180 100
182 97.7 76.2 114.4
145 35.0 28.4 42.6

