

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047043.D
 Acq On : 04 Feb 2022 13:29
 Operator : SY/MD
 Sample : VSTD01056
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:01:25 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	105290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	130425	13.138	ug/L	0.00
7) Chloroethane-d5	1.919	69	101511	13.089	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	49659	12.828	ug/L	0.00
20) 2-Butanone-d5	4.636	46	288395	109.479	ug/L	0.00
24) Chloroform-d	5.067	84	211881	12.415	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	107655	11.793	ug/L	0.00
32) Benzene-d6	5.729	84	430808	12.130	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	129956	12.212	ug/L	0.00
41) Toluene-d8	7.899	98	398714	12.233	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	52053	11.283	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	276478	109.173	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	111931	10.805	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	141484	10.707	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	93661	9.563	ug/L	100
3) Chloromethane	1.527	50	110362	12.473	ug/L	96
5) Vinyl chloride	1.607	62	111949	12.277	ug/L	100
6) Bromomethane	1.861	94	63851	11.546	ug/L	99
8) Chloroethane	1.938	64	68216	12.810	ug/L	96
9) Trichlorofluoromethane	2.144	101	143286	12.665	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	83373	12.419	ug/L	98
12) 1,1-Dichloroethene	2.584	96	76462	12.183	ug/L	98
13) Acetone	2.652	43	146687	101.098	ug/L	98
14) Carbon disulfide	2.800	76	229641	11.387	ug/L	98
15) Methyl Acetate	2.957	43	32506	10.186	ug/L	98
16) Methylene chloride	3.051	84	87617	11.570	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	176299	10.713	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	78777	11.806	ug/L	100
19) 1,1-Dichloroethane	3.874	63	149110	12.899	ug/L	97
21) 2-Butanone	4.716	43	232564	100.784	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	86960	12.302	ug/L	99
23) Bromochloromethane	4.980	128	41293	11.977	ug/L	98
25) Chloroform	5.092	83	154158	8.949	ug/L	99
27) 1,2-Dichloroethane	5.797	62	96518	12.177	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	131959	12.253	ug/L	100
30) Cyclohexane	5.395	56	118489	11.377	ug/L	99
31) Carbon tetrachloride	5.526	117	112037	12.132	ug/L	96
33) Benzene	5.777	78	338299	12.081	ug/L	100
34) Trichloroethene	6.543	95	81936	11.424	ug/L	99
35) Methylcyclohexane	6.768	83	128065	11.027	ug/L	98
37) 1,2-Dichloropropane	6.793	63	88342	12.614	ug/L	99
38) Bromodichloromethane	7.108	83	109623	11.064	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	121460	11.689	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	518122	109.060	ug/L	98
42) Toluene	7.970	91	366689	10.966	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	106660	11.465	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047043.D
 Acq On : 04 Feb 2022 13:29
 Operator : SY/MD
 Sample : VSTD01056
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:01:25 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)

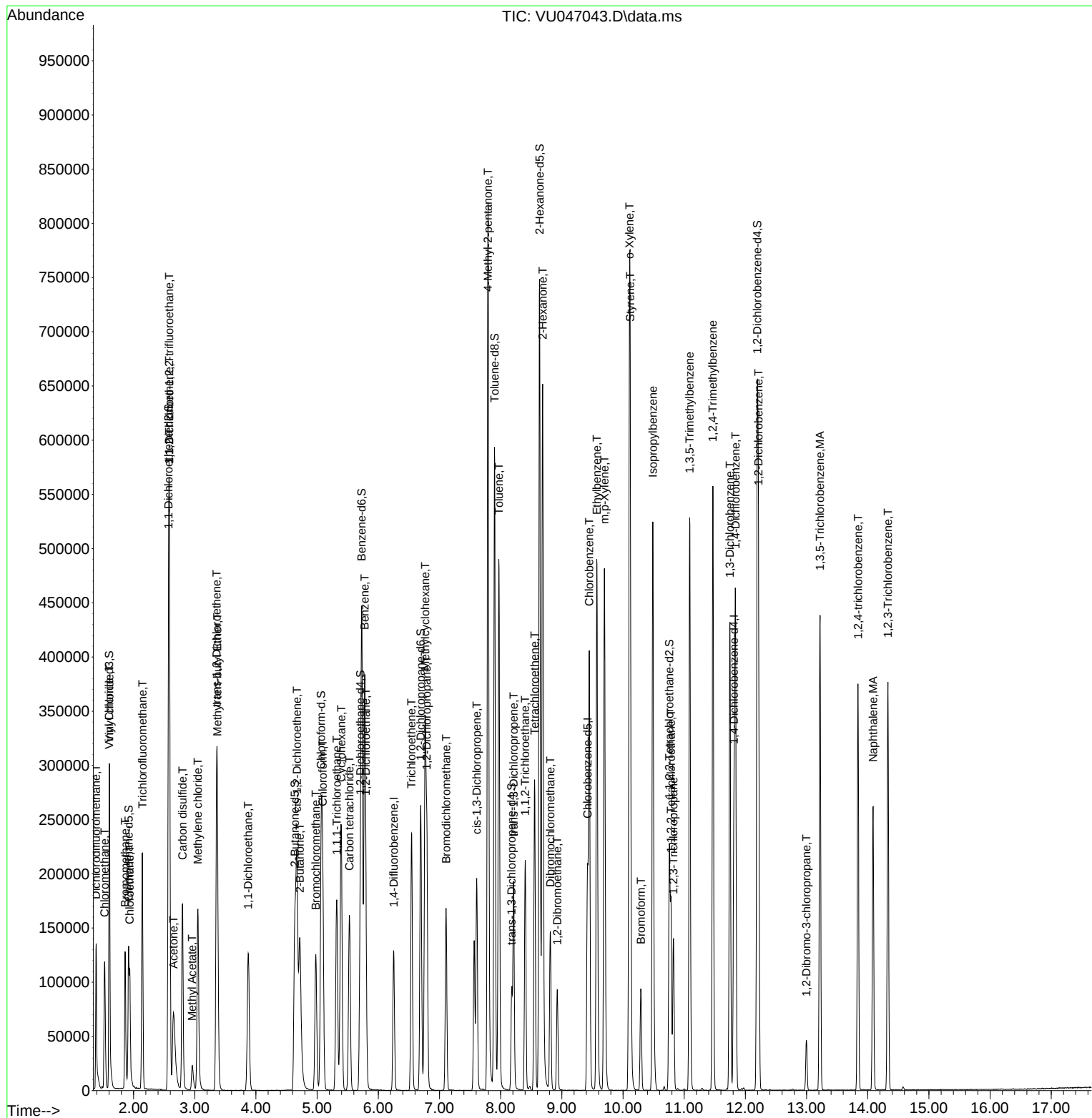
45) 1,1,2-Trichloroethane	8.401	97	66370	11.471	ug/L	97
47) Tetrachloroethene	8.555	164	64332	11.105	ug/L	98
48) 2-Hexanone	8.687	43	401001	110.078	ug/L	98
49) Dibromochloromethane	8.813	129	75565	11.138	ug/L	97
50) 1,2-Dibromoethane	8.925	107	60875	10.670	ug/L	98
51) Chlorobenzene	9.449	112	225233	11.672	ug/L	99
52) Ethylbenzene	9.571	91	370441	11.916	ug/L	99
53) m,p-Xylene	9.697	106	151883	12.296	ug/L	99
54) o-Xylene	10.105	106	142639	11.889	ug/L	97
55) Styrene	10.118	104	257300	12.964	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	84630	11.026	ug/L	98
59) Bromoform	10.292	173	42309	10.150	ug/L	99
60) Isopropylbenzene	10.488	105	373893	11.653	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	61238	10.462	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	294130	11.480	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	306188	11.599	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	182103	11.169	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	183951	11.113	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	174773	11.109	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	12255	10.356	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	133294	10.528	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	111785	10.744	ug/L	98
71) Naphthalene	14.089	128	210975	10.301	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	111691	11.208	ug/L	98

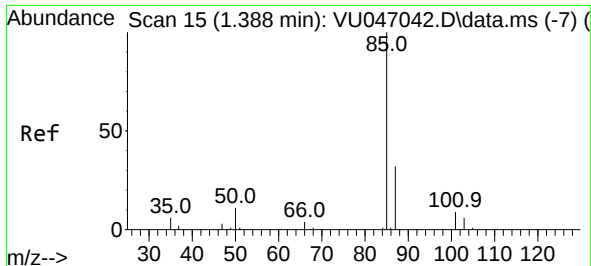
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
Data File : VU047043.D
Acq On : 04 Feb 2022 13:29
Operator : SY/MD
Sample : VSTD01056
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 05 01:01:25 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

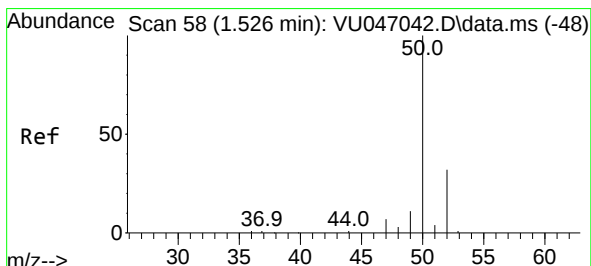
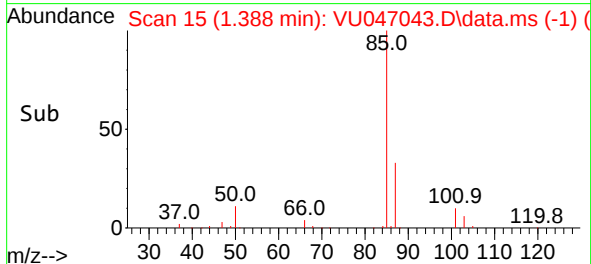
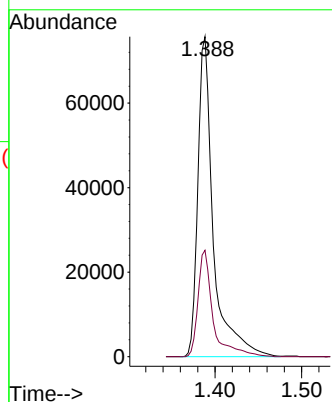
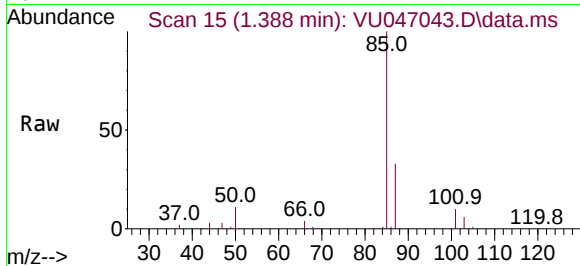




#2
Dichlorodifluoromethane
Concen: 9.563 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

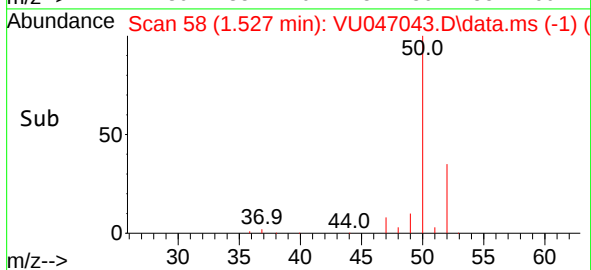
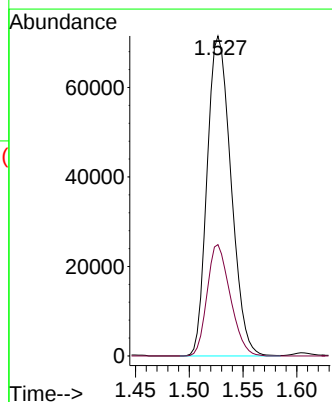
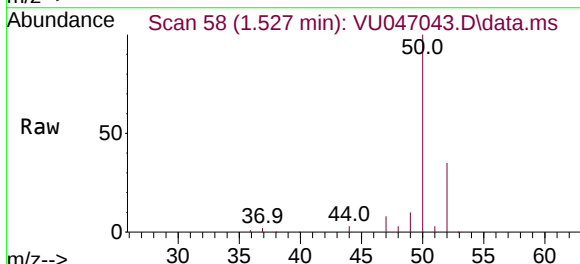
Instrument :
MSVOA_U
ClientSampleId :

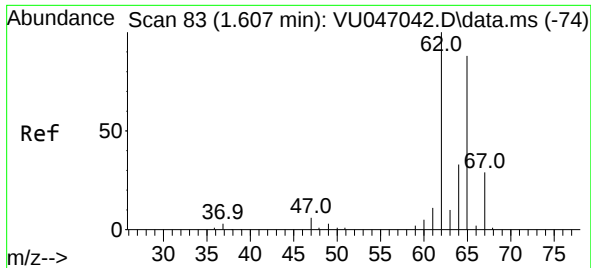
Tgt Ion: 85 Resp: 93661
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 12.473 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

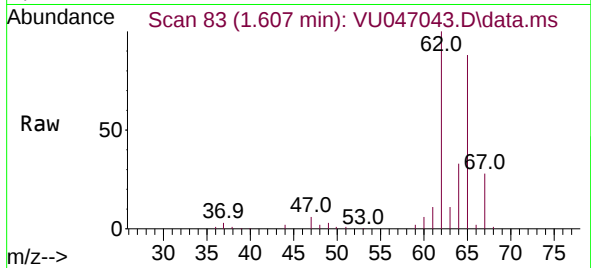
Tgt Ion: 50 Resp: 110362
Ion Ratio Lower Upper
50 100
52 34.8 22.7 42.3



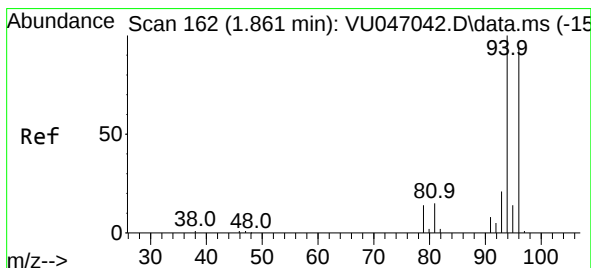
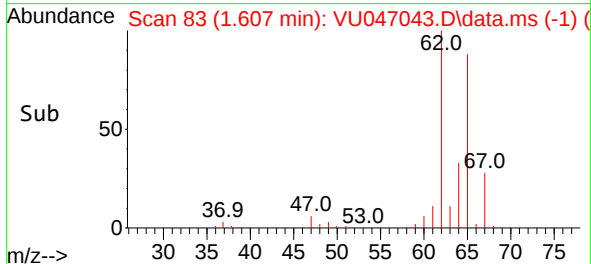
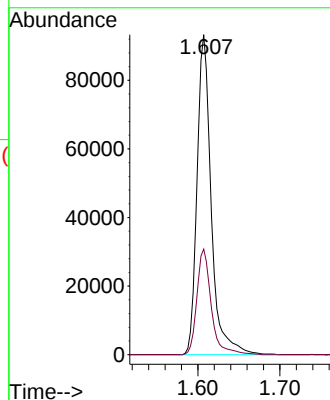


#5
 Vinyl chloride
 Concen: 12.277 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29

Instrument :
 MSVOA_U
 ClientSampleId :

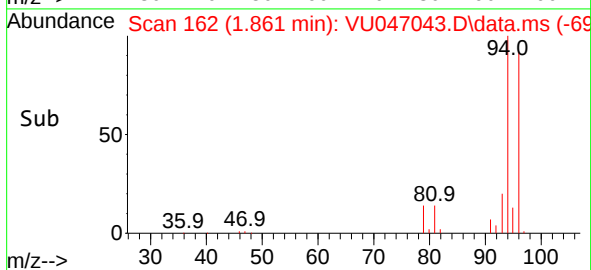
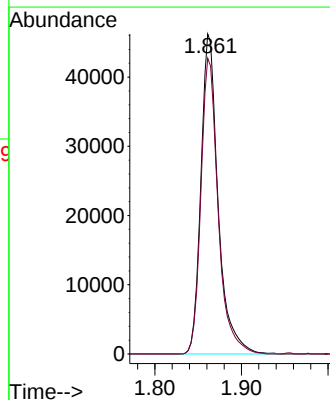
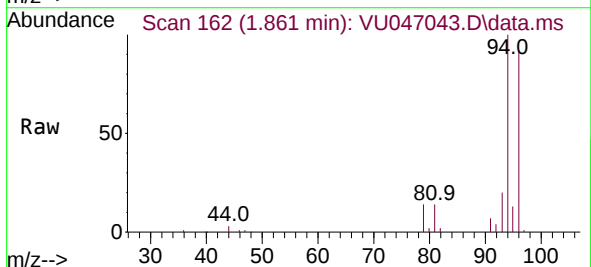


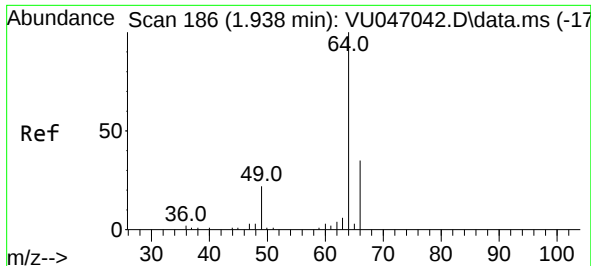
Tgt Ion: 62 Resp: 111949
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 11.546 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29

Tgt Ion: 94 Resp: 63851
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.6 121.8

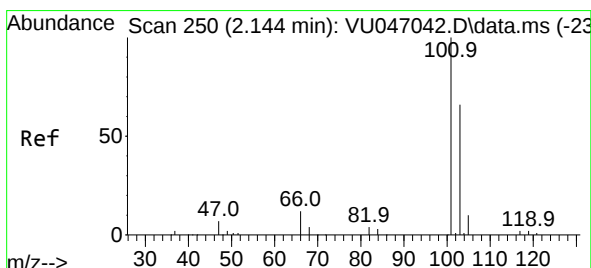
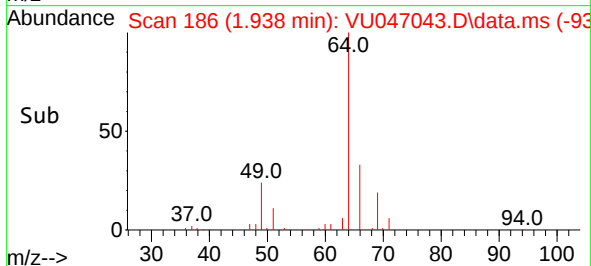
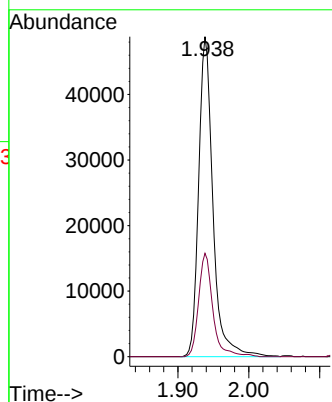
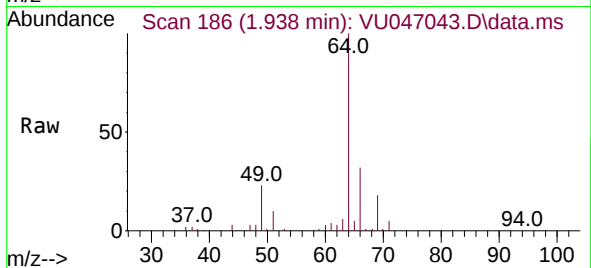




#8
Chloroethane
Concen: 12.810 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

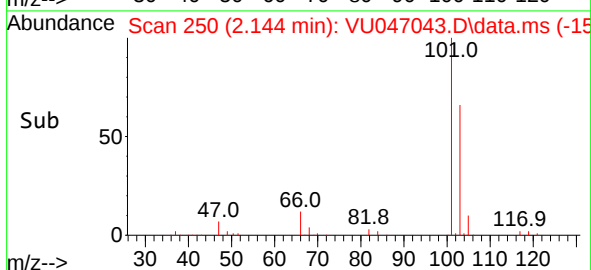
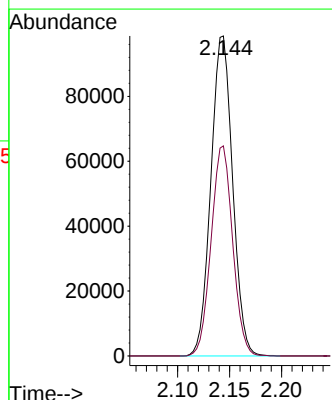
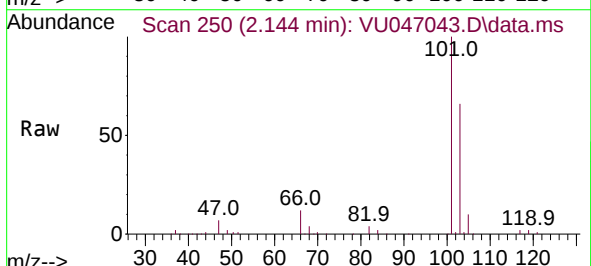
Instrument :
MSVOA_U
ClientSampleId :

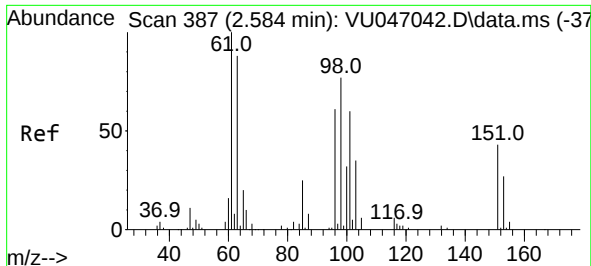
Tgt Ion: 64 Resp: 68216
Ion Ratio Lower Upper
64 100
66 32.3 24.4 45.4



#9
Trichlorofluoromethane
Concen: 12.665 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion:101 Resp: 143286
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

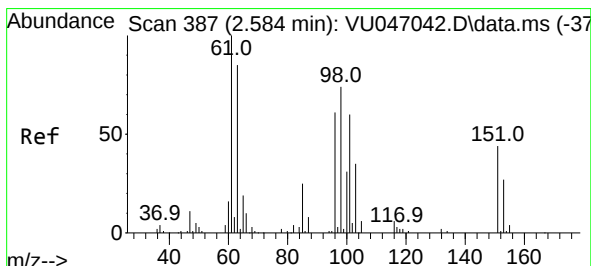
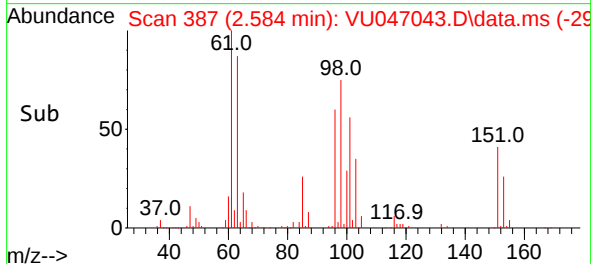
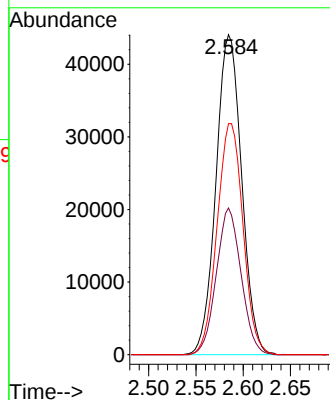
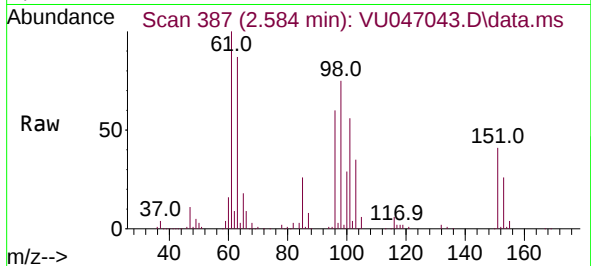




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.419 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29

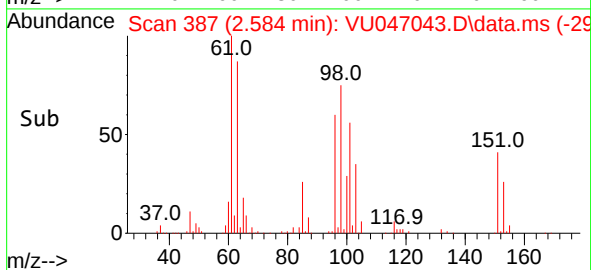
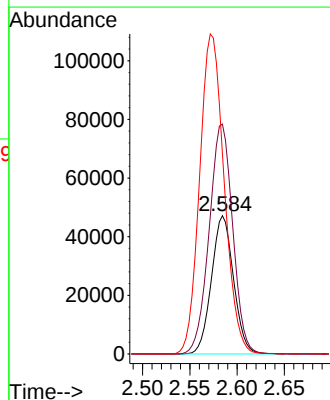
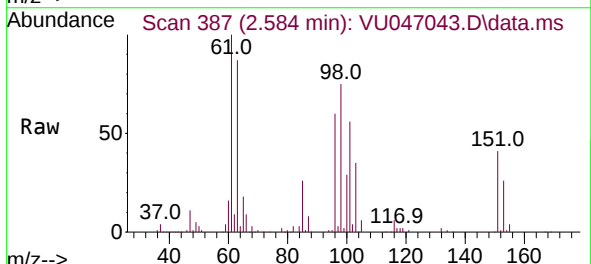
Instrument :
 MSVOA_U
 ClientSampleId :

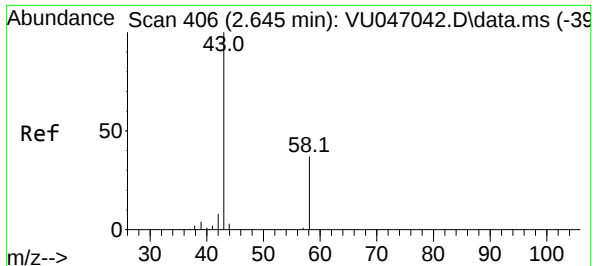
Tgt Ion:101 Resp: 83373
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.8 50.6
 151 72.8 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 12.183 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29

Tgt Ion: 96 Resp: 76462
 Ion Ratio Lower Upper
 96 100
 61 166.4 115.5 214.5
 63 144.8 103.6 192.4





#13

Acetone

Concen: 101.098 ug/L

RT: 2.652 min Scan# 406

Delta R.T. 0.007 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

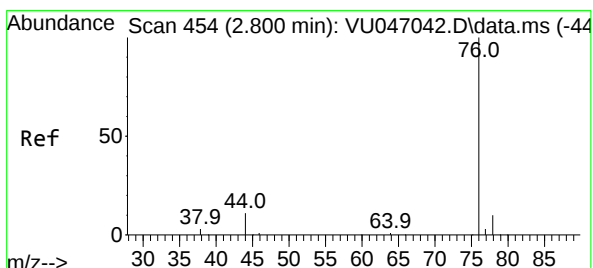
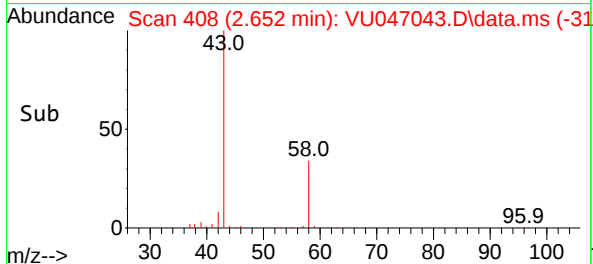
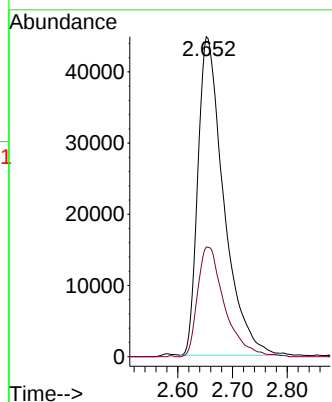
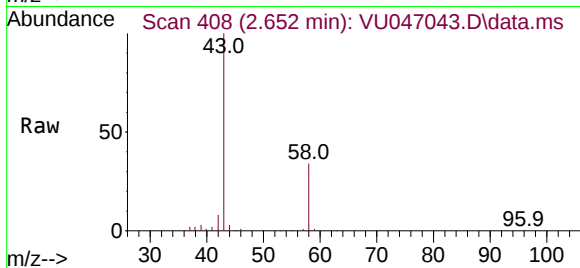
ClientSampleId :

Tgt Ion: 43 Resp: 146687

Ion Ratio Lower Upper

43 100

58 36.0 0.0 74.0



#14

Carbon disulfide

Concen: 11.387 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047043.D

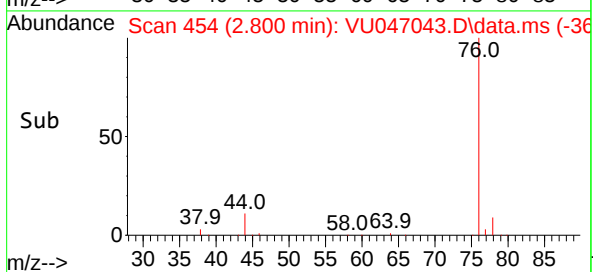
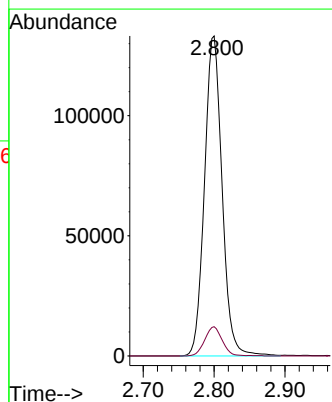
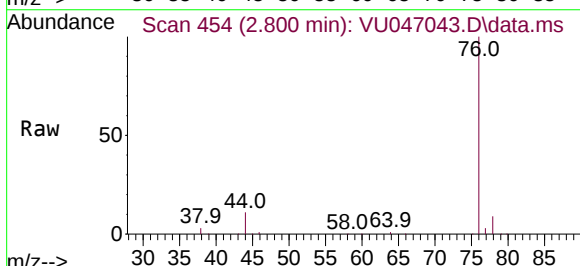
Acq: 04 Feb 2022 13:29

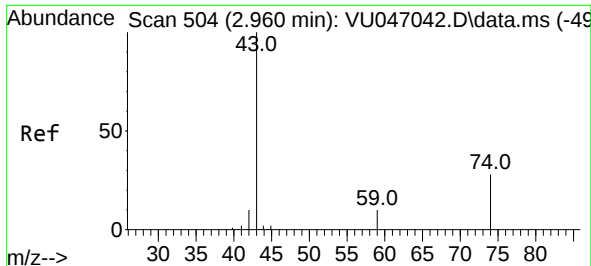
Tgt Ion: 76 Resp: 229641

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.6

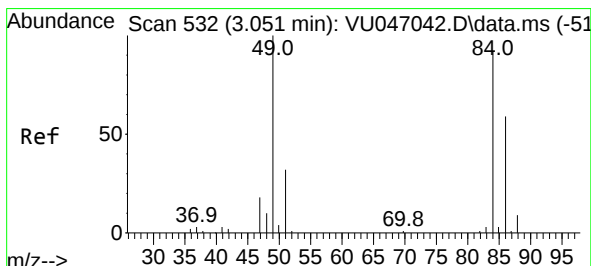
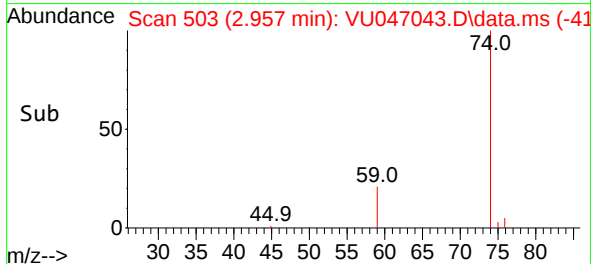
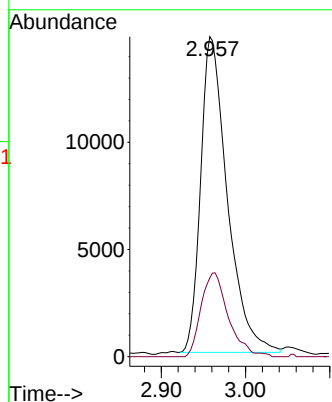
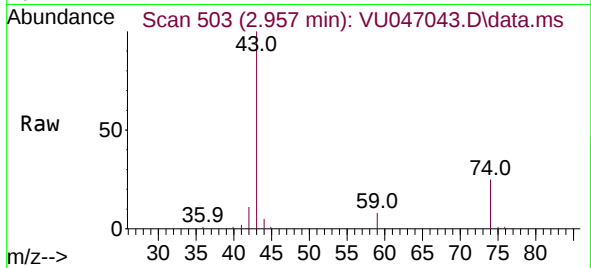




#15
Methyl Acetate
Concen: 10.186 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

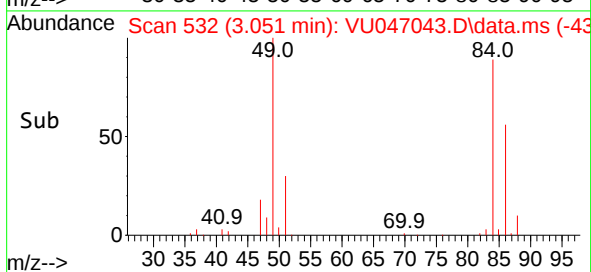
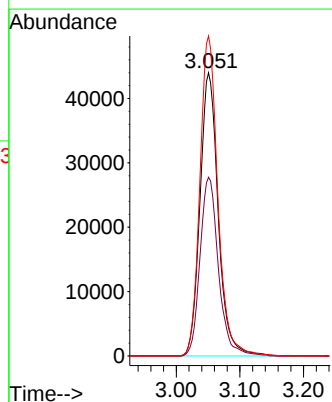
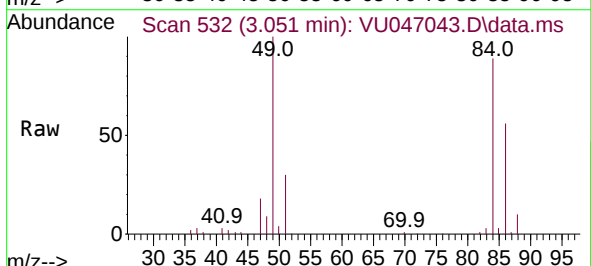
Instrument :
MSVOA_U
ClientSampleId :

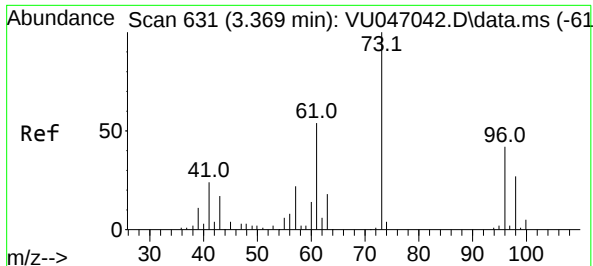
Tgt Ion: 43 Resp: 32506
Ion Ratio Lower Upper
43 100
74 27.0 21.0 31.4



#16
Methylene chloride
Concen: 11.570 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 84 Resp: 87617
Ion Ratio Lower Upper
84 100
86 63.1 45.1 83.7
49 113.0 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 10.713 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

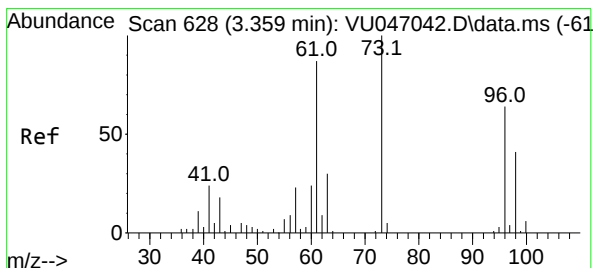
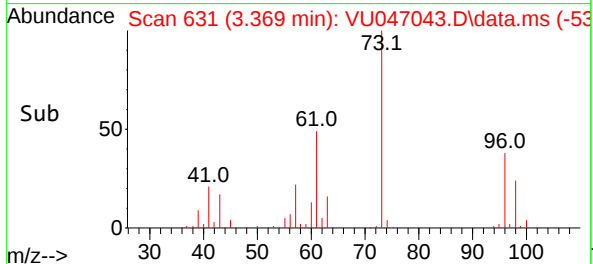
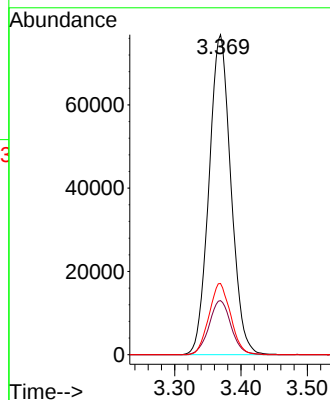
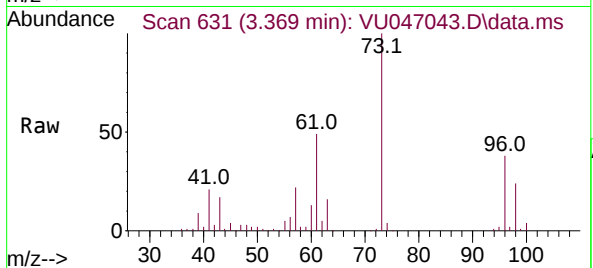
Tgt Ion: 73 Resp: 176299

Ion Ratio Lower Upper

73 100

43 17.1 13.9 20.9

57 22.0 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 11.806 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

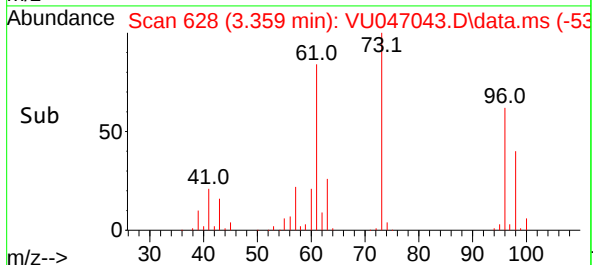
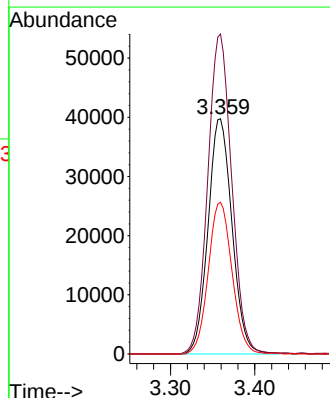
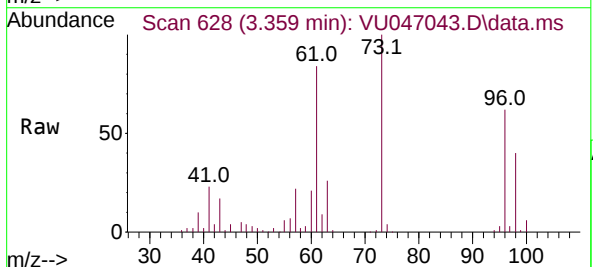
Tgt Ion: 96 Resp: 78777

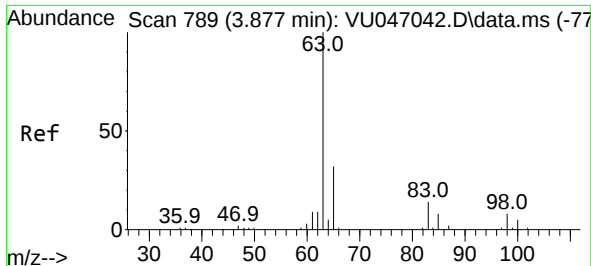
Ion Ratio Lower Upper

96 100

61 136.1 95.1 176.7

98 64.5 44.8 83.2





#19

1,1-Dichloroethane

Concen: 12.899 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

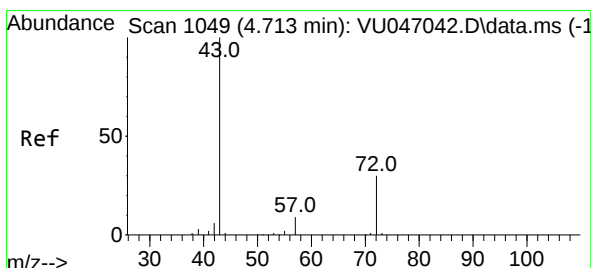
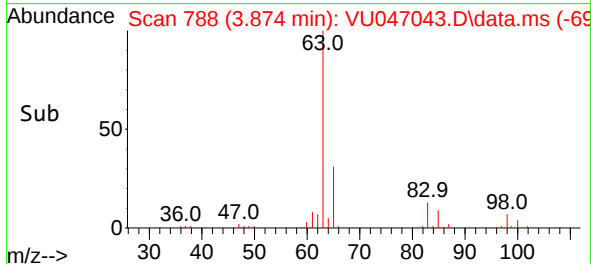
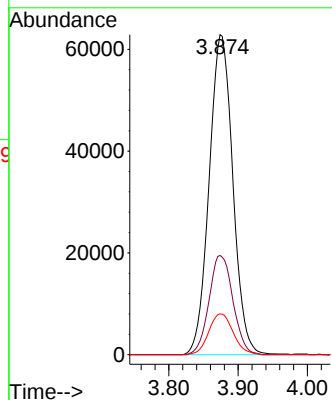
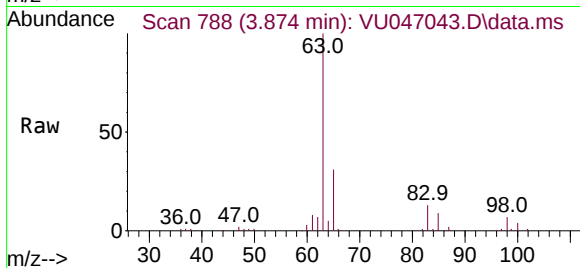
Tgt Ion: 63 Resp: 149110

Ion Ratio Lower Upper

63 100

65 31.0 22.7 42.1

83 12.8 9.7 17.9



#21

2-Butanone

Concen: 100.784 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU047043.D

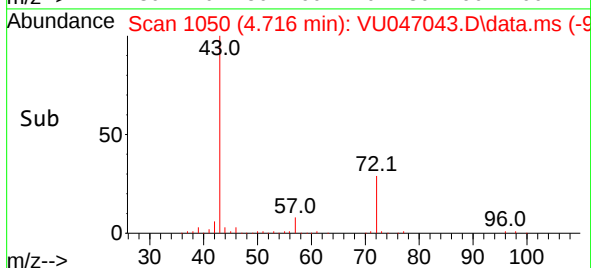
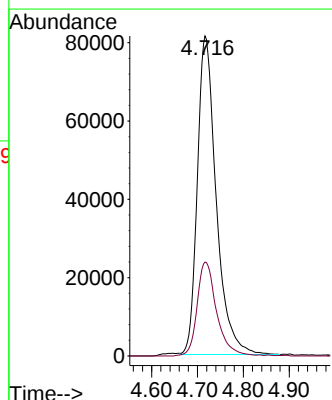
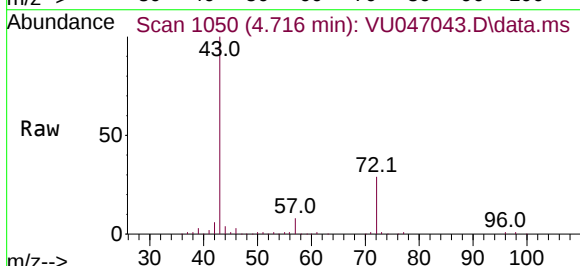
Acq: 04 Feb 2022 13:29

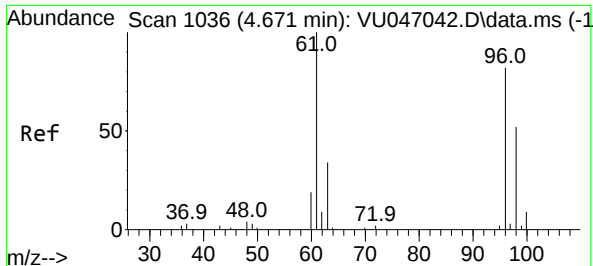
Tgt Ion: 43 Resp: 232564

Ion Ratio Lower Upper

43 100

72 30.3 15.0 45.0





#22

cis-1,2-Dichloroethene

Concen: 12.302 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

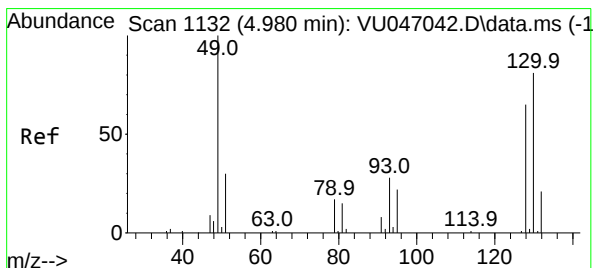
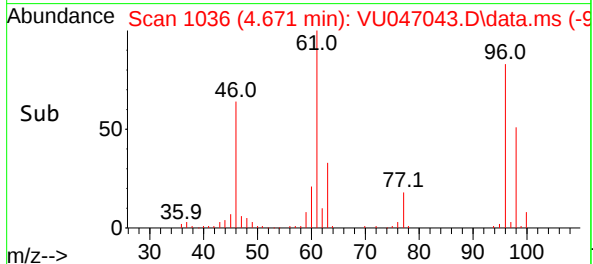
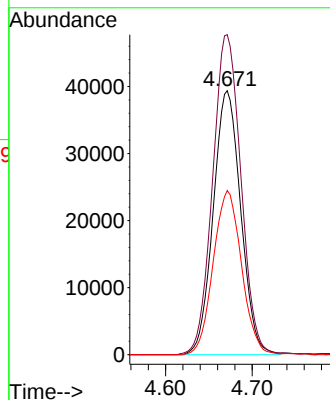
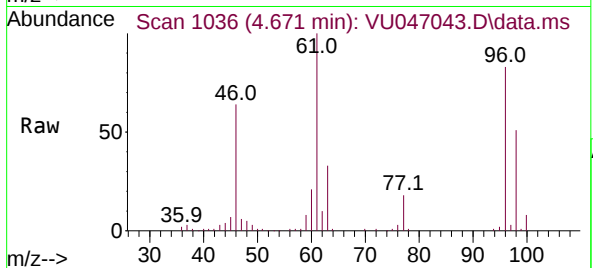
Tgt Ion: 96 Resp: 86960

Ion Ratio Lower Upper

96 100

61 121.2 85.6 159.0

98 62.2 44.7 83.1



#23

Bromochloromethane

Concen: 11.977 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Tgt Ion: 128 Resp: 41293

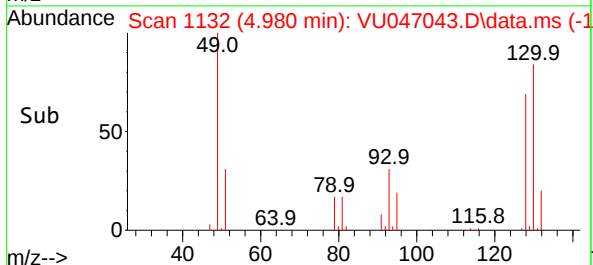
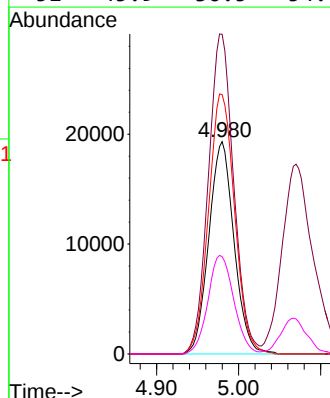
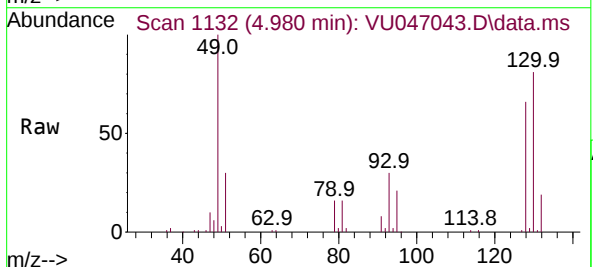
Ion Ratio Lower Upper

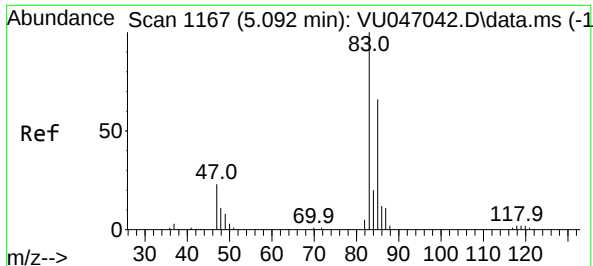
128 100

49 150.6 107.4 199.6

130 122.2 87.3 162.1

51 45.9 36.5 54.7





#25

Chloroform

Concen: 8.949 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

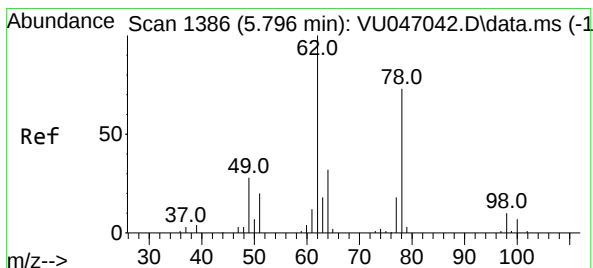
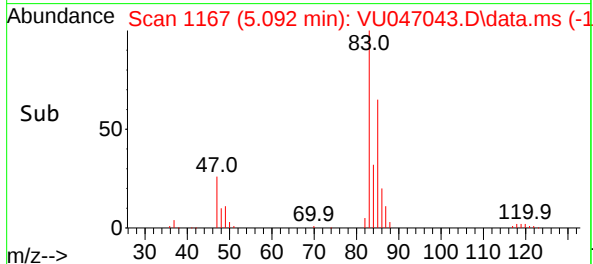
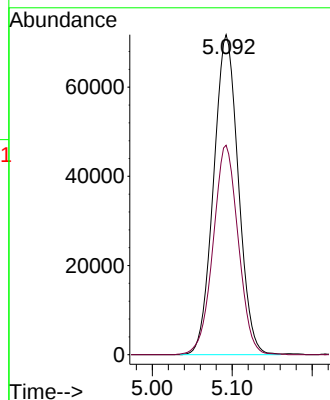
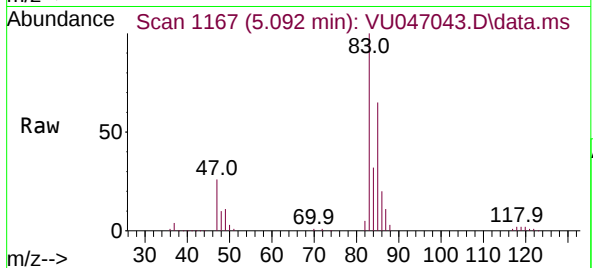
ClientSampleId :

Tgt Ion: 83 Resp: 154158

Ion Ratio Lower Upper

83 100

85 65.4 46.2 85.8



#27

1,2-Dichloroethane

Concen: 12.177 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047043.D

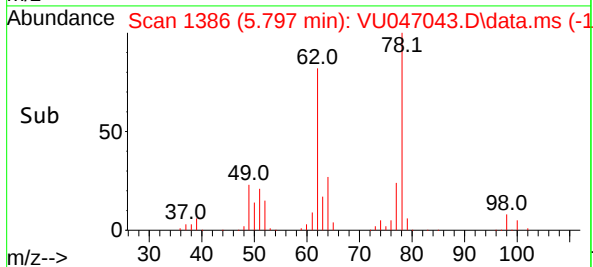
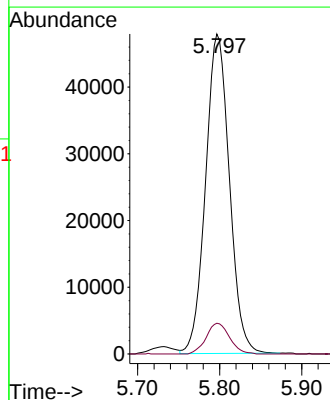
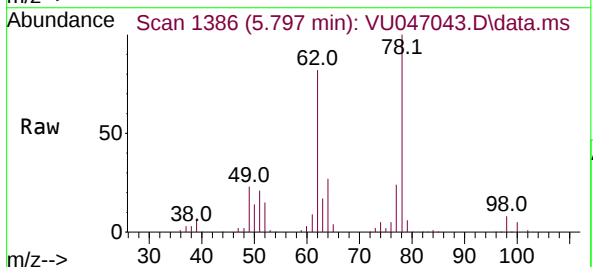
Acq: 04 Feb 2022 13:29

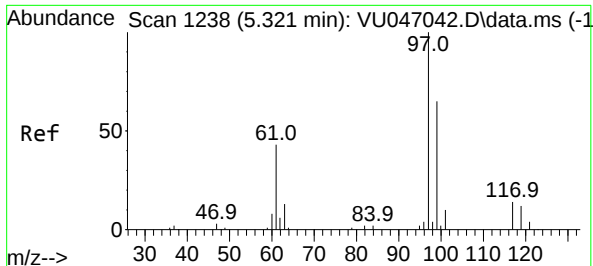
Tgt Ion: 62 Resp: 96518

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 12.253 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

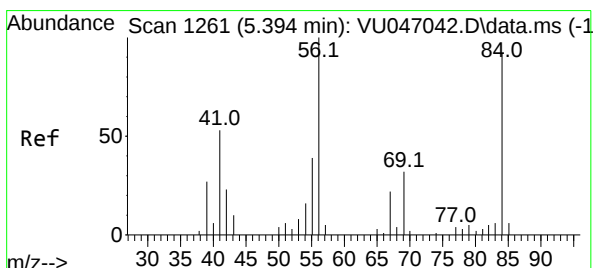
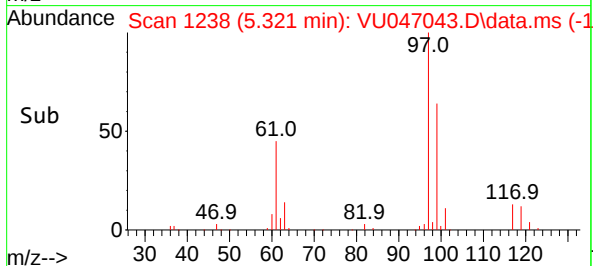
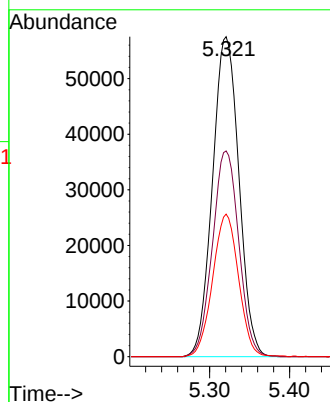
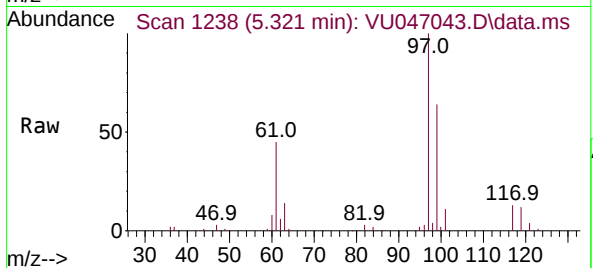
Tgt Ion: 97 Resp: 131959

Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 43.7 34.6 52.0



#30

Cyclohexane

Concen: 11.377 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

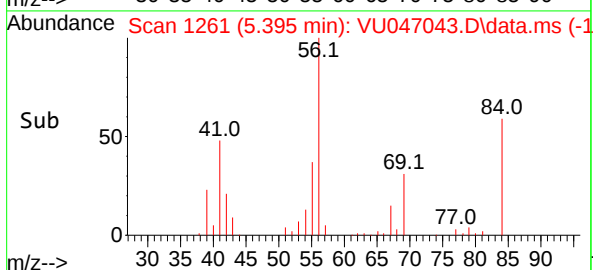
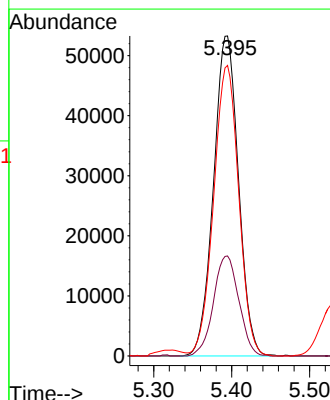
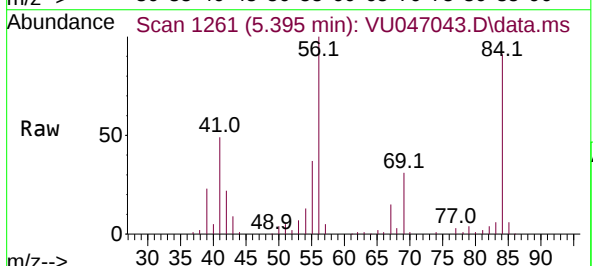
Tgt Ion: 56 Resp: 118489

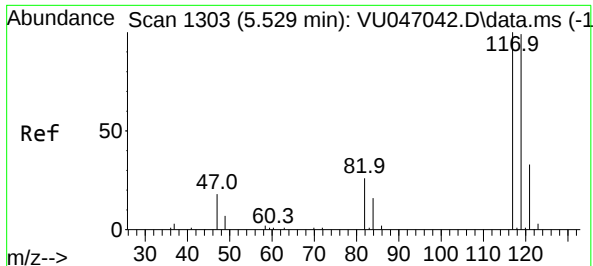
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 91.5 73.0 109.6

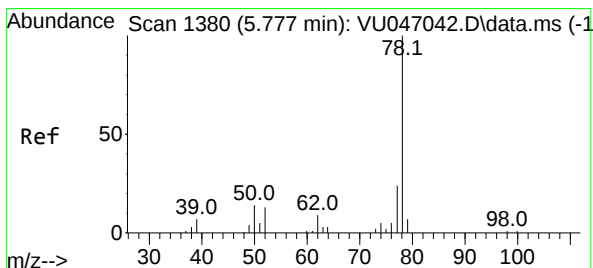
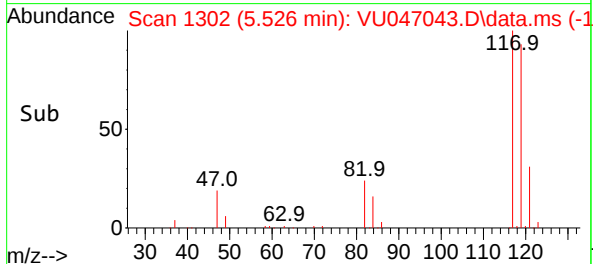
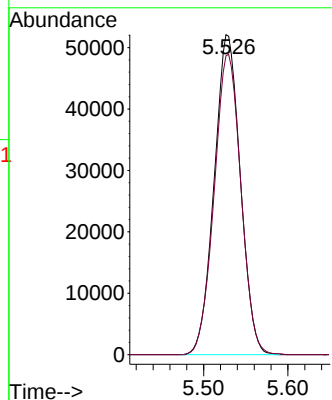
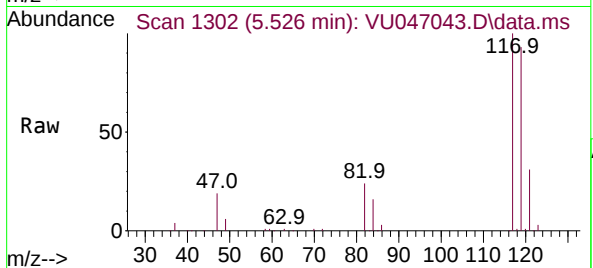




#31
Carbon tetrachloride
Concen: 12.132 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

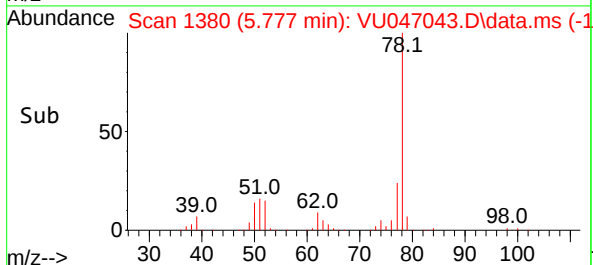
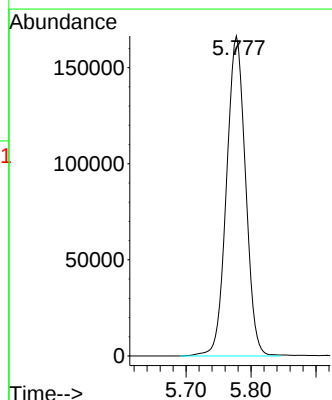
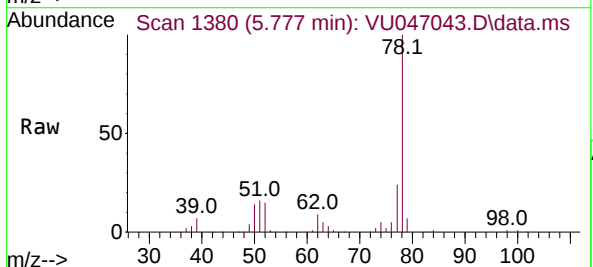
Instrument :
MSVOA_U
ClientSampleId :

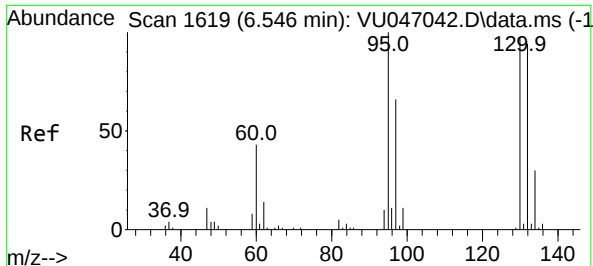
Tgt Ion:117 Resp: 112037
Ion Ratio Lower Upper
117 100
119 96.0 79.8 119.8



#33
Benzene
Concen: 12.081 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 78 Resp: 338299

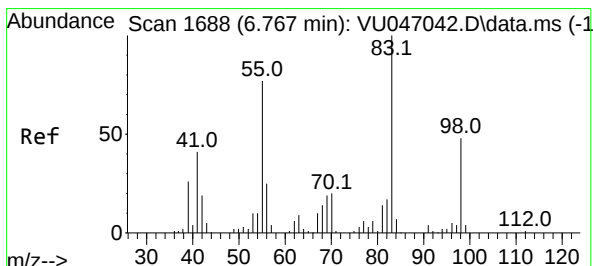
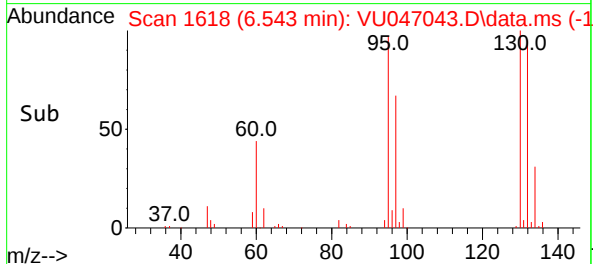
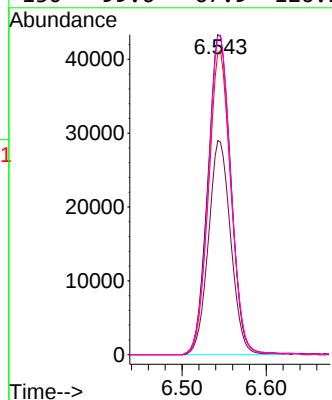
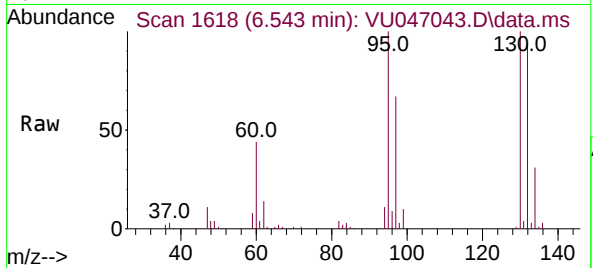




#34
Trichloroethene
Concen: 11.424 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

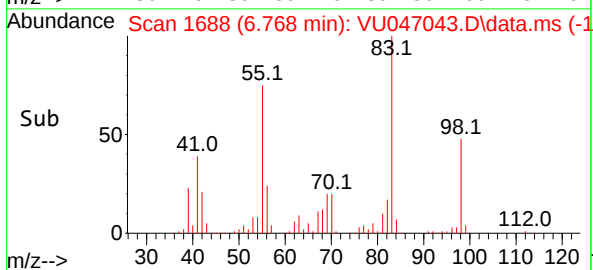
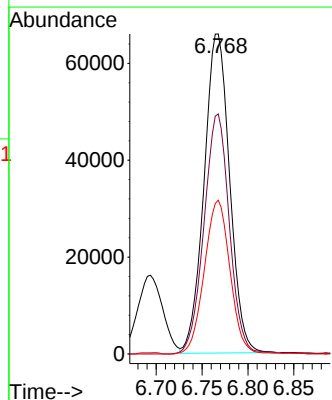
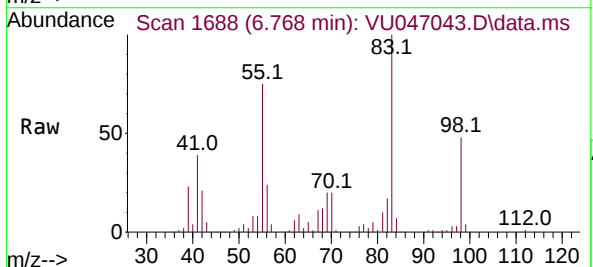
Instrument :
MSVOA_U
ClientSampleId :

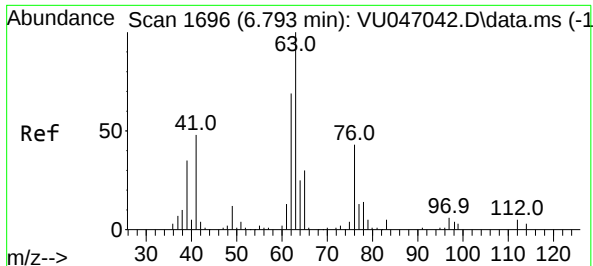
Tgt Ion: 95 Resp: 81936
Ion Ratio Lower Upper
95 100
97 66.9 46.1 85.5
132 94.4 65.9 122.5
130 99.6 67.9 126.1



#35
Methylcyclohexane
Concen: 11.027 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 83 Resp: 128065
Ion Ratio Lower Upper
83 100
55 74.8 61.2 91.8
98 48.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 12.614 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

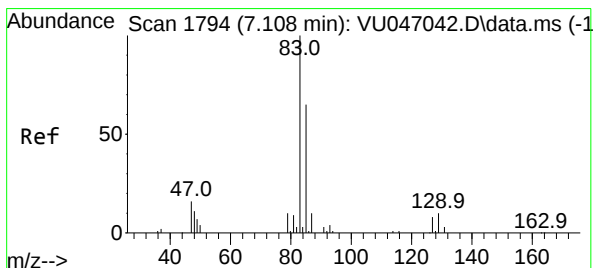
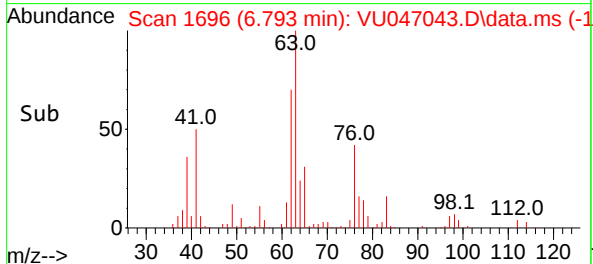
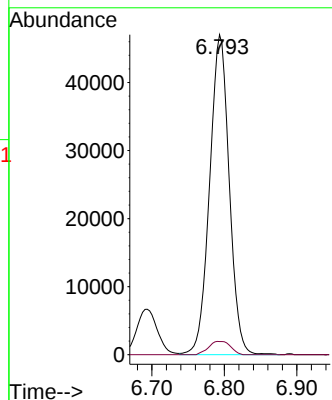
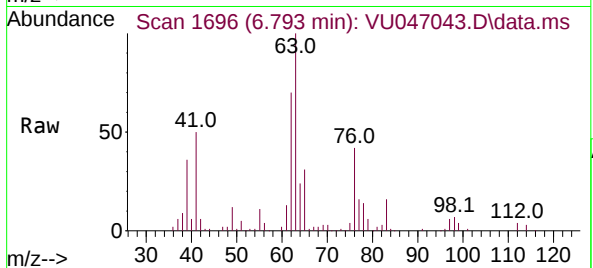
ClientSampleId :

Tgt Ion: 63 Resp: 88342

Ion Ratio Lower Upper

63 100

112 4.6 4.0 6.0



#38

Bromodichloromethane

Concen: 11.064 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

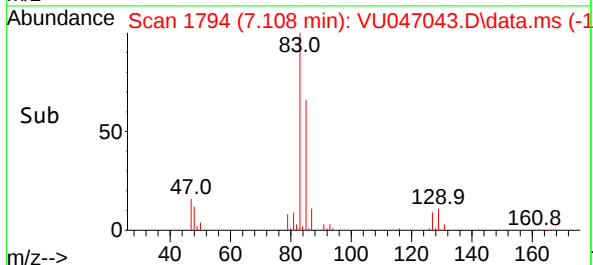
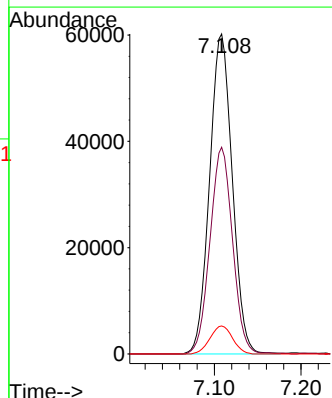
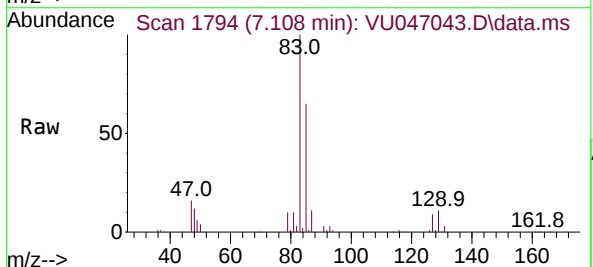
Tgt Ion: 83 Resp: 109623

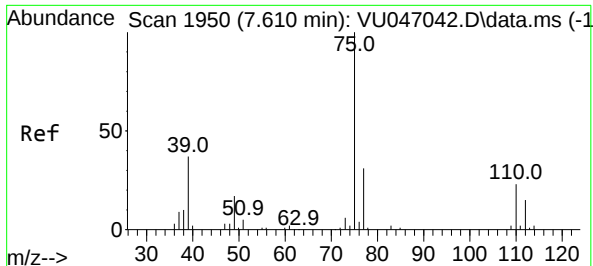
Ion Ratio Lower Upper

83 100

85 64.6 45.3 84.1

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 11.689 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

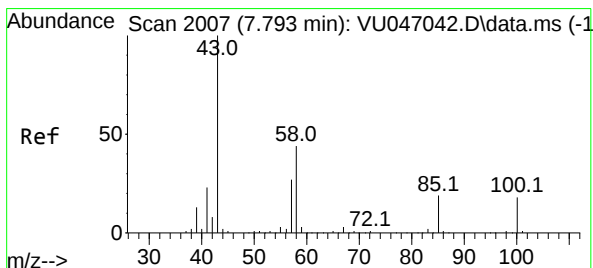
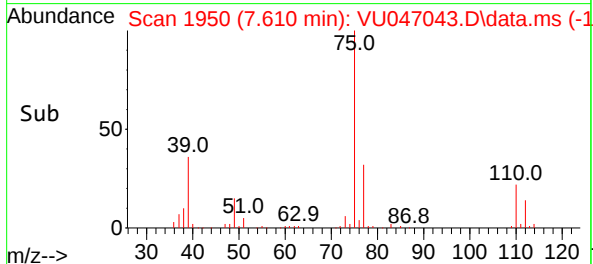
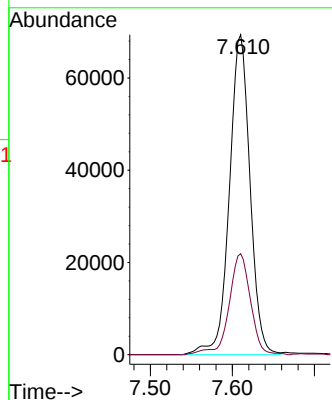
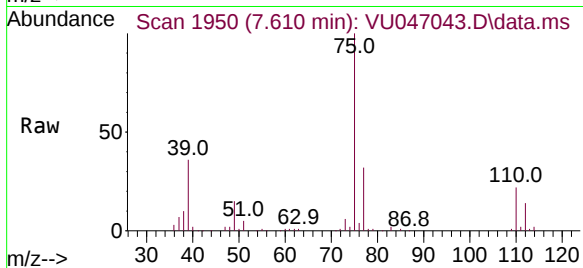
ClientSampleId :

Tgt Ion: 75 Resp: 121460

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 109.060 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

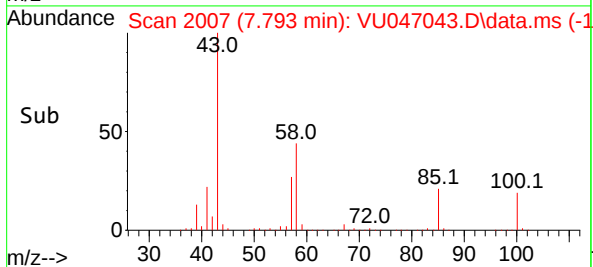
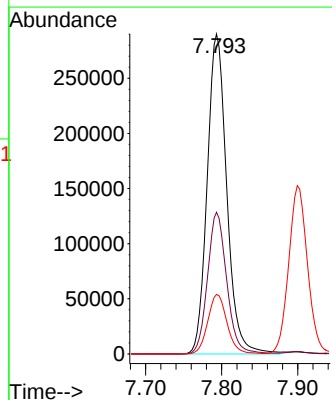
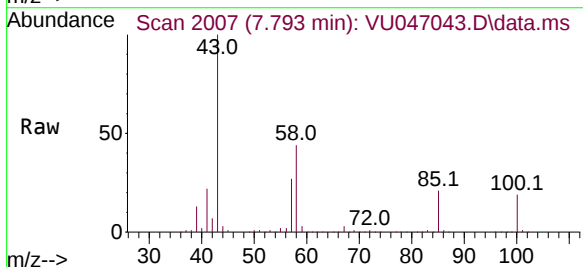
Tgt Ion: 43 Resp: 518122

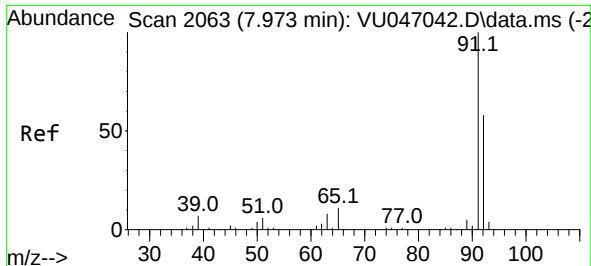
Ion Ratio Lower Upper

43 100

58 43.5 34.0 51.0

100 18.4 14.1 21.1





#42

Toluene

Concen: 10.966 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

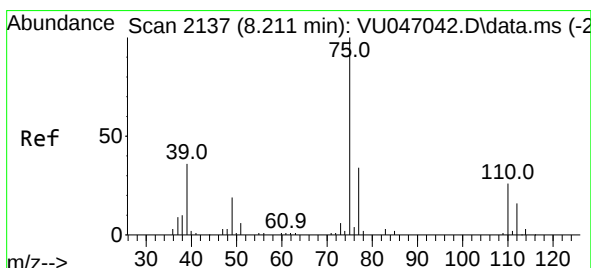
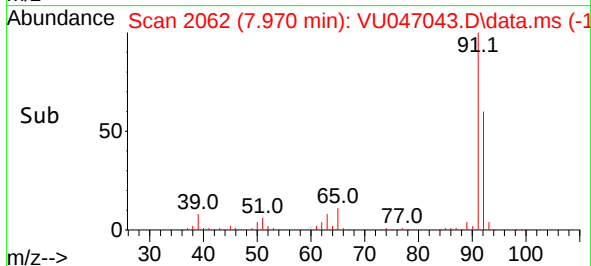
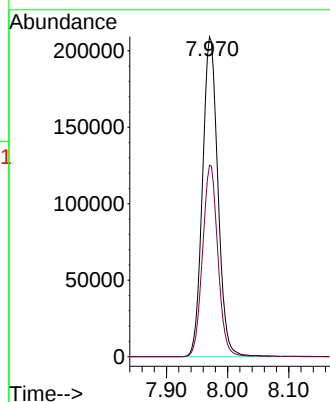
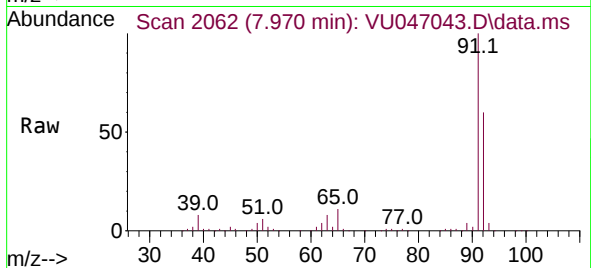
ClientSampleId :

Tgt Ion: 91 Resp: 366689

Ion Ratio Lower Upper

91 100

92 59.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 11.465 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047043.D

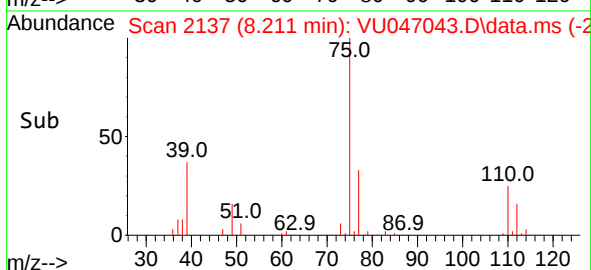
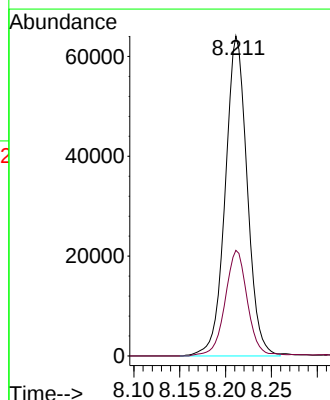
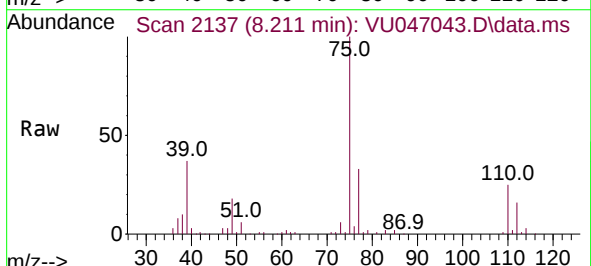
Acq: 04 Feb 2022 13:29

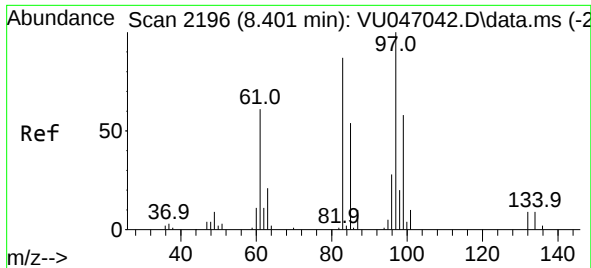
Tgt Ion: 75 Resp: 106660

Ion Ratio Lower Upper

75 100

77 33.0 23.7 43.9



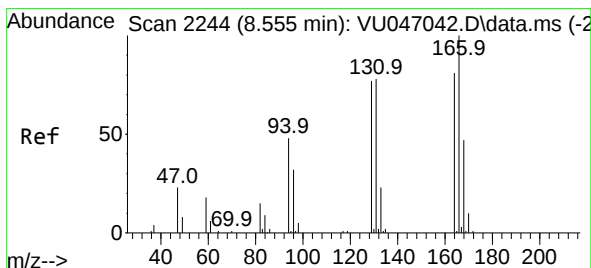
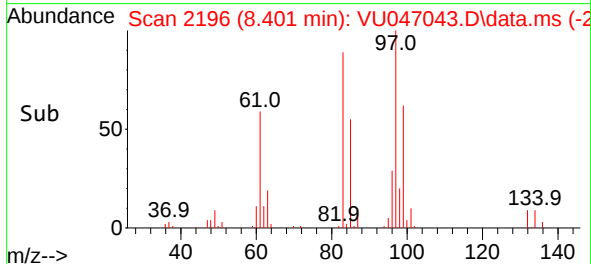
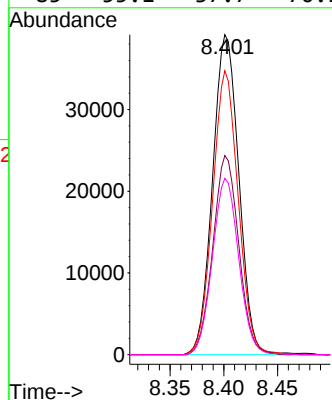
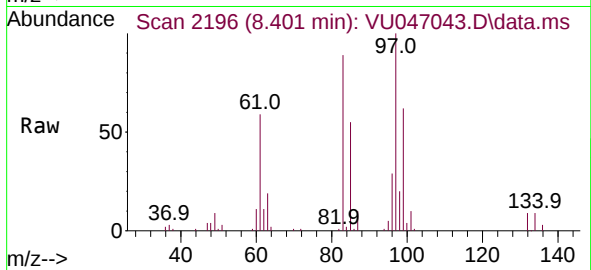


#45
1,1,2-Trichloroethane
Concen: 11.471 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 66370

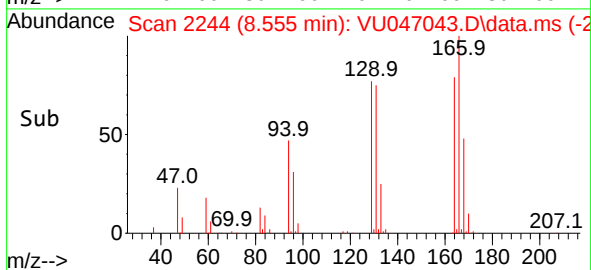
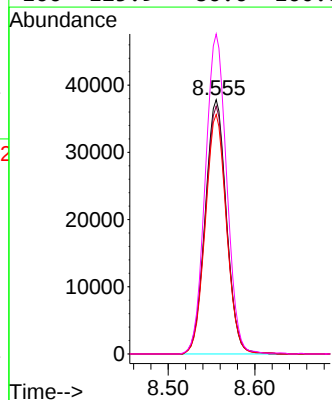
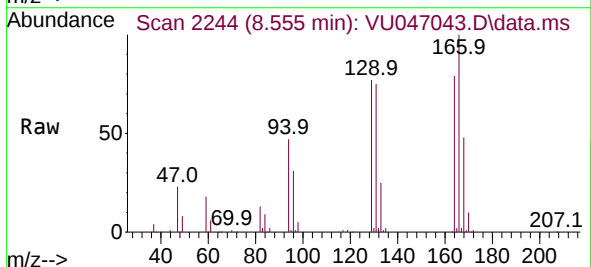
Ion	Ratio	Lower	Upper
97	100		
99	62.3	40.4	75.0
83	88.7	60.6	112.6
85	55.1	37.7	70.1

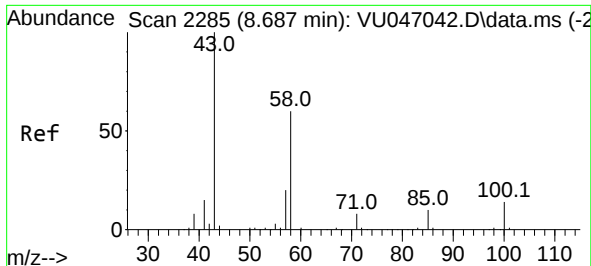


#47
Tetrachloroethene
Concen: 11.105 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 164 Resp: 64332

Ion	Ratio	Lower	Upper
164	100		
129	97.5	66.5	123.5
131	94.2	67.5	125.4
166	125.9	86.6	160.8

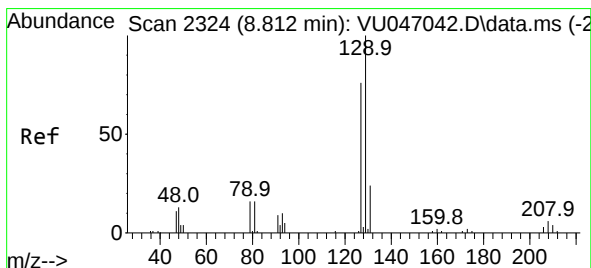
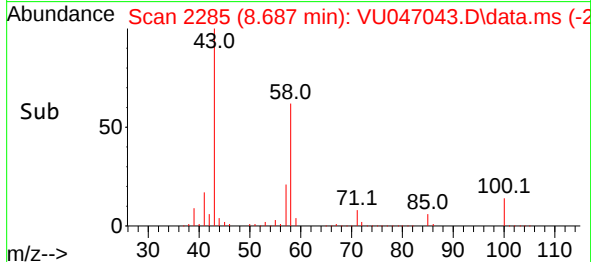
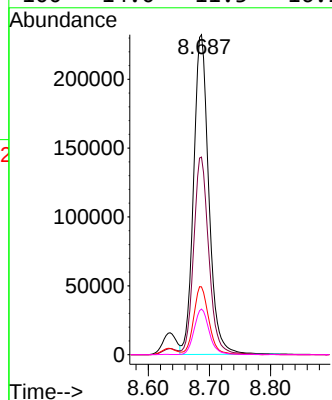
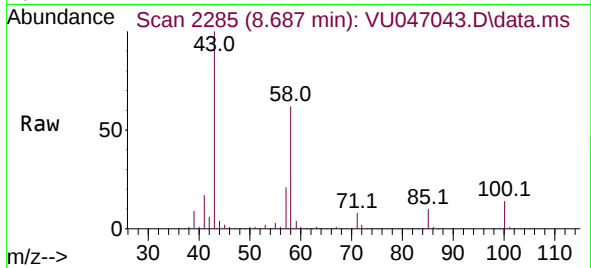




#48
2-Hexanone
Concen: 110.078 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

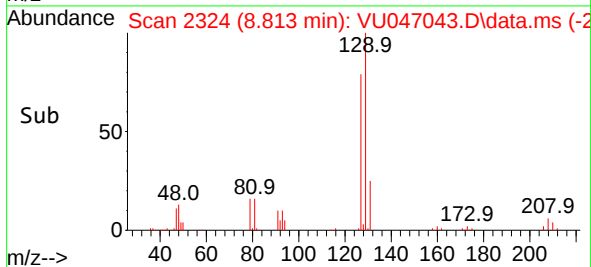
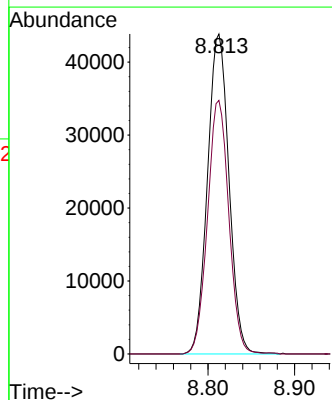
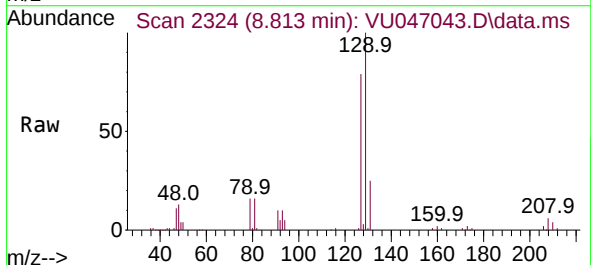
Instrument :
MSVOA_U
ClientSampleId :

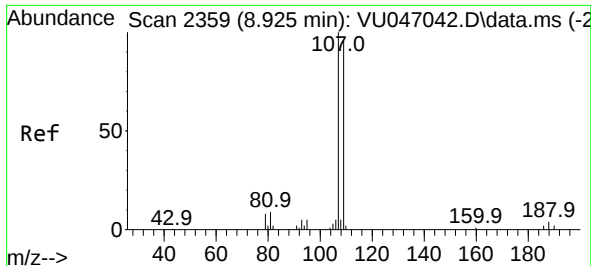
Tgt Ion:	43	Resp:	401001
Ion	Ratio	Lower	Upper
43	100		
58	61.2	47.8	71.6
57	21.3	16.2	24.4
100	14.0	11.3	16.9



#49
Dibromochloromethane
Concen: 11.138 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion:	129	Resp:	75565
Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.4	99.2





#50

1,2-Dibromoethane

Concen: 10.670 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

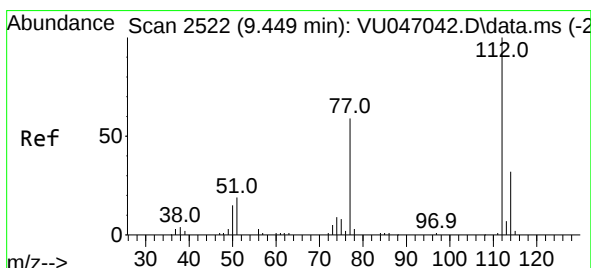
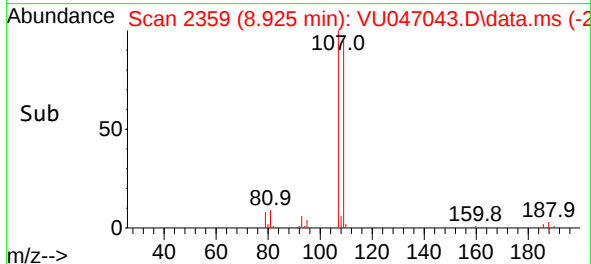
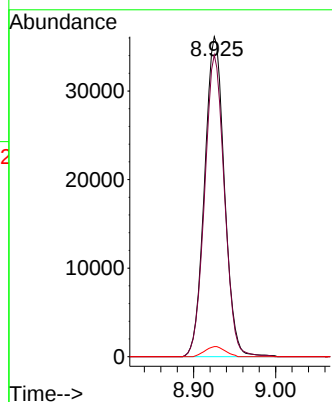
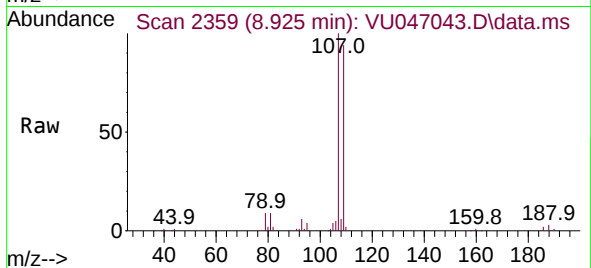
Tgt Ion:107 Resp: 60875

Ion Ratio Lower Upper

107 100

109 94.3 67.4 125.2

188 3.1 3.0 4.6



#51

Chlorobenzene

Concen: 11.672 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

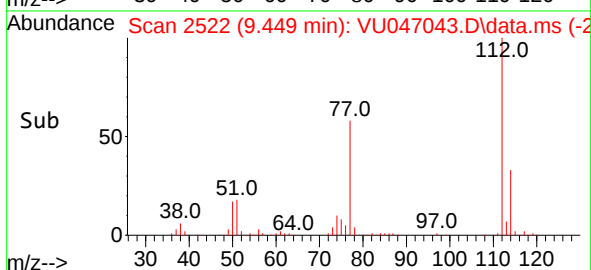
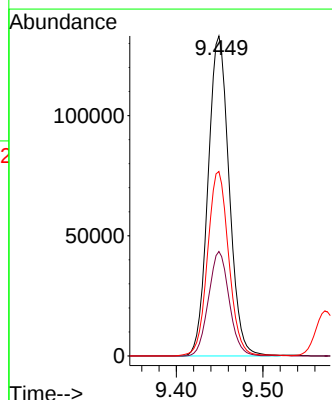
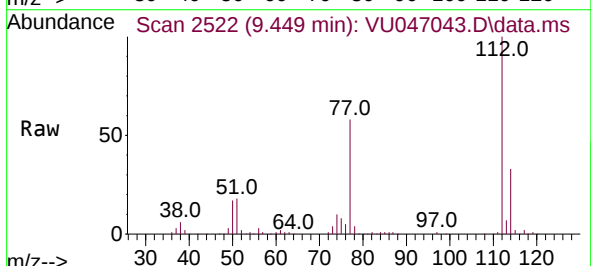
Tgt Ion:112 Resp: 225233

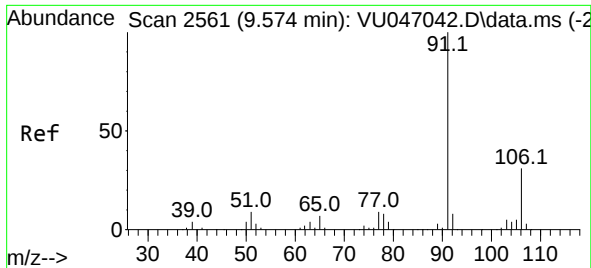
Ion Ratio Lower Upper

112 100

114 32.7 22.6 42.0

77 57.7 47.3 70.9

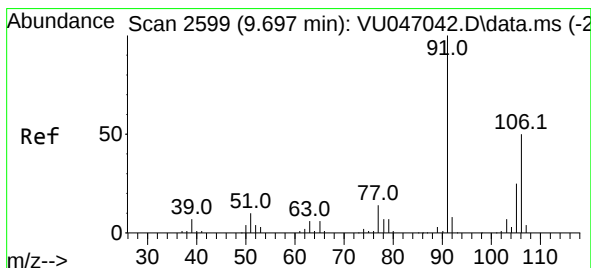
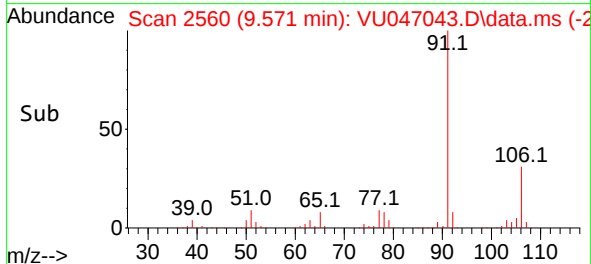
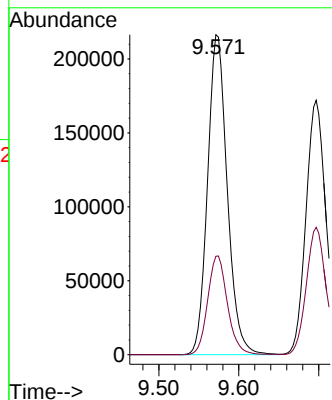
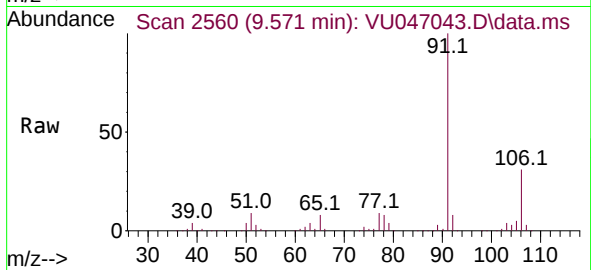




#52
Ethylbenzene
Concen: 11.916 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

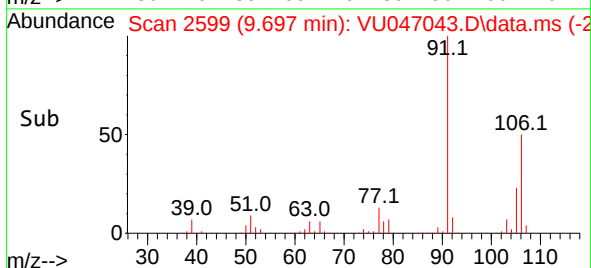
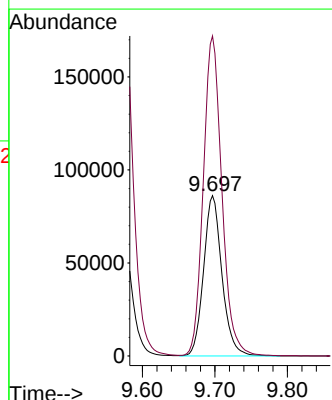
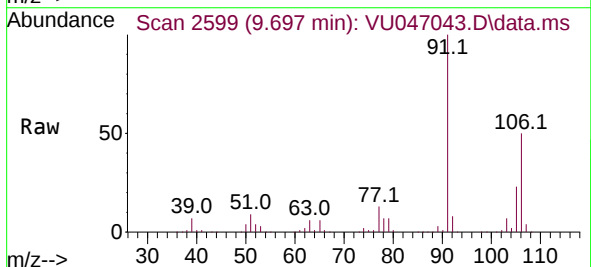
Instrument :
MSVOA_U
ClientSampleId :

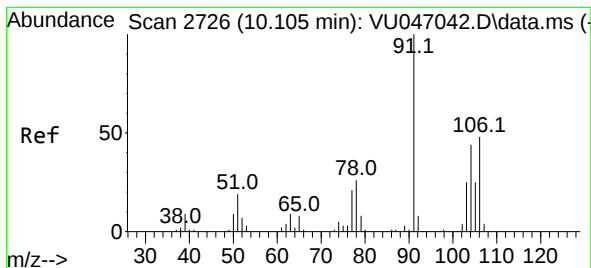
Tgt Ion: 91 Resp: 370441
Ion Ratio Lower Upper
91 100
106 30.7 22.0 40.8



#53
m,p-Xylene
Concen: 12.296 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 106 Resp: 151883
Ion Ratio Lower Upper
106 100
91 199.6 140.3 260.5





#54

o-Xylene

Concen: 11.889 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

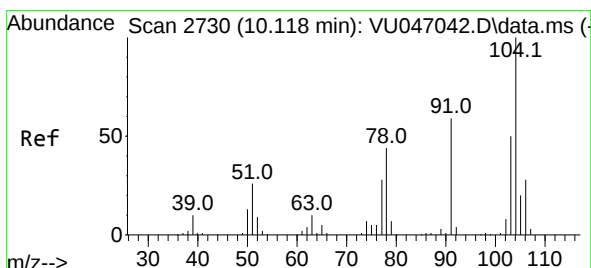
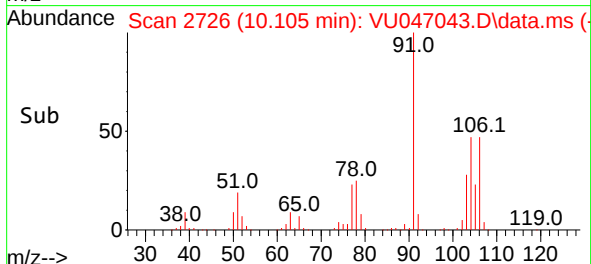
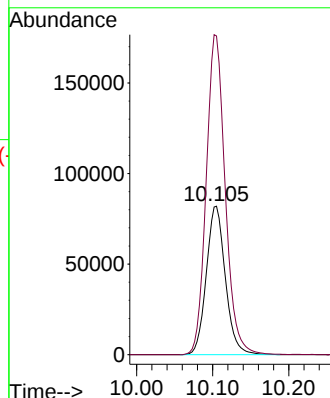
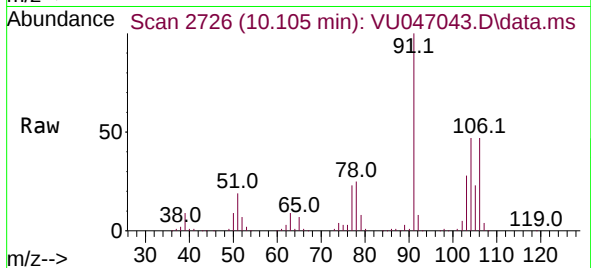
ClientSampleId :

Tgt Ion:106 Resp: 142639

Ion Ratio Lower Upper

106 100

91 214.6 146.5 272.1



#55

Styrene

Concen: 12.964 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU047043.D

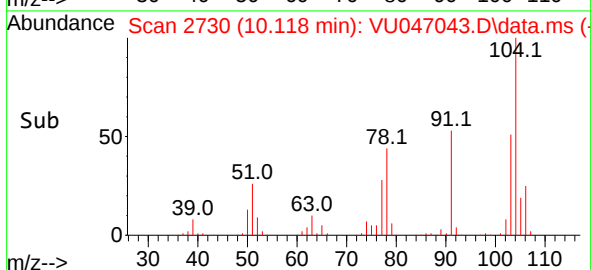
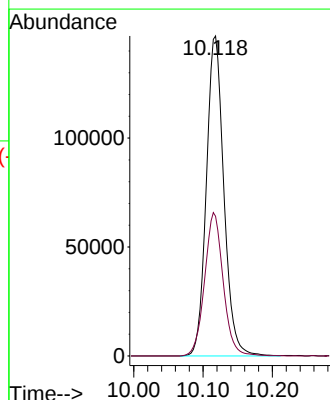
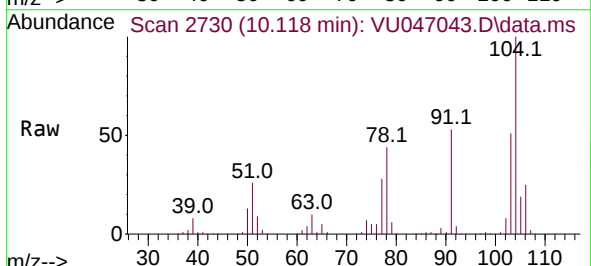
Acq: 04 Feb 2022 13:29

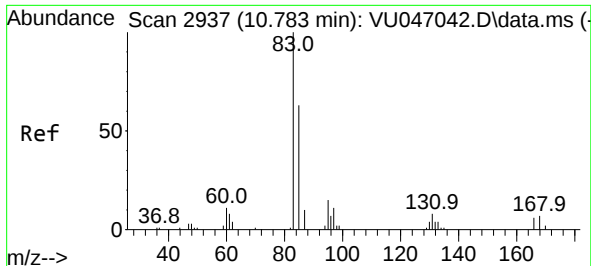
Tgt Ion:104 Resp: 257300

Ion Ratio Lower Upper

104 100

78 43.7 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 11.026 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

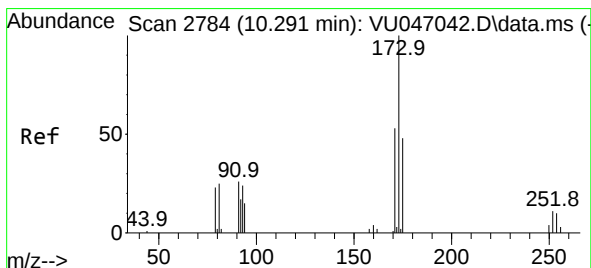
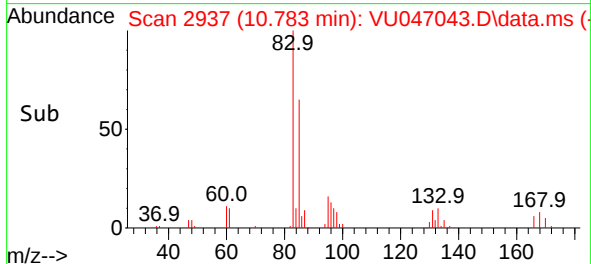
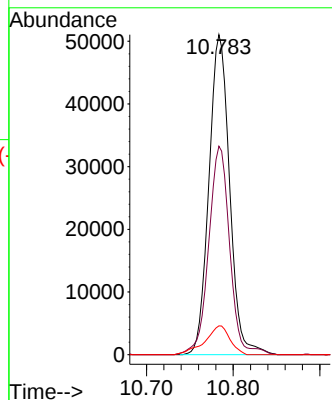
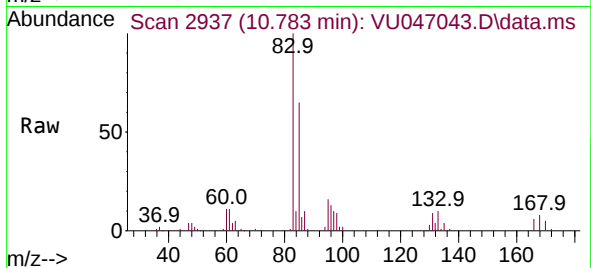
Tgt Ion: 83 Resp: 84630

Ion Ratio Lower Upper

83 100

85 65.2 44.6 82.8

131 9.0 7.4 11.0



#59

Bromoform

Concen: 10.150 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

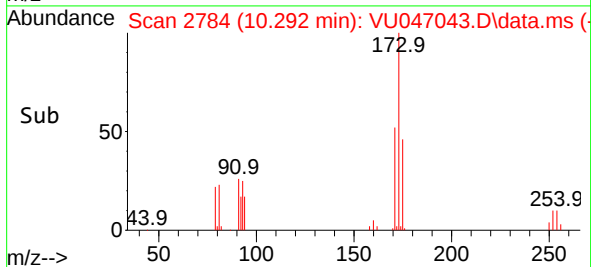
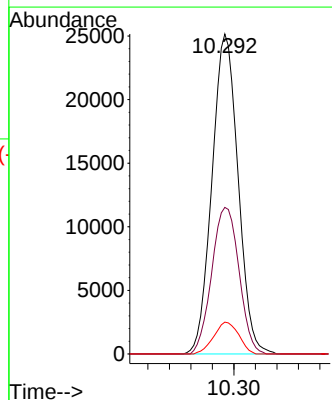
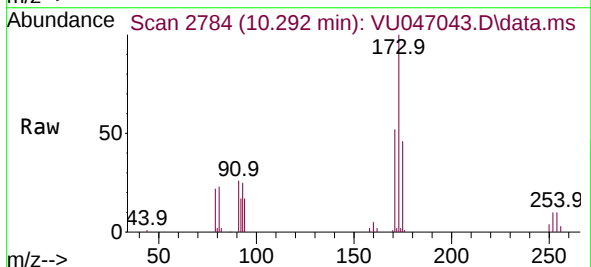
Tgt Ion: 173 Resp: 42309

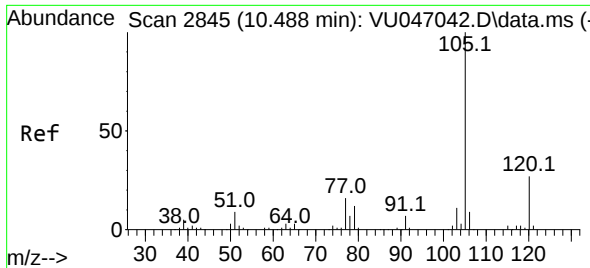
Ion Ratio Lower Upper

173 100

175 47.8 38.8 58.2

254 9.5 7.2 10.8

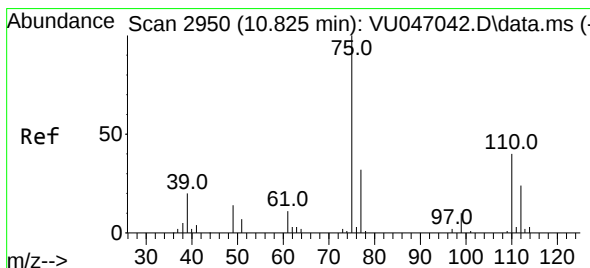
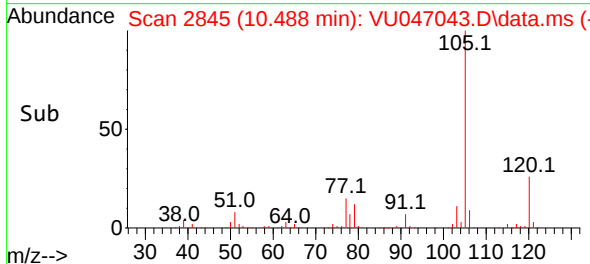
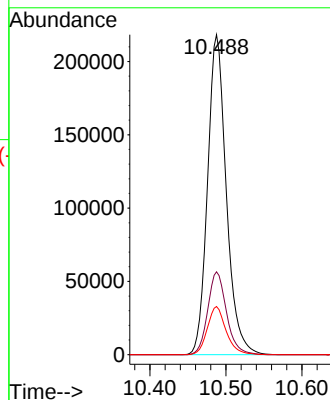
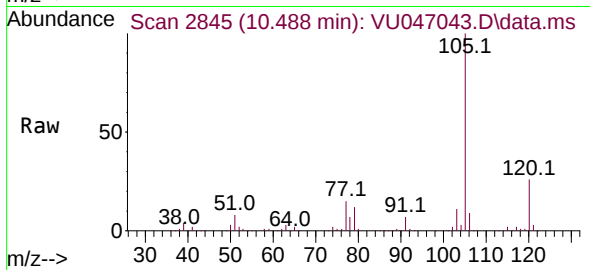




#60
Isopropylbenzene
Concen: 11.653 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

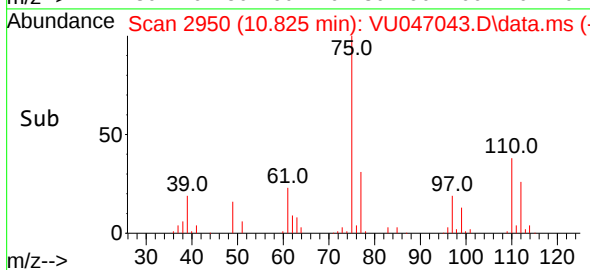
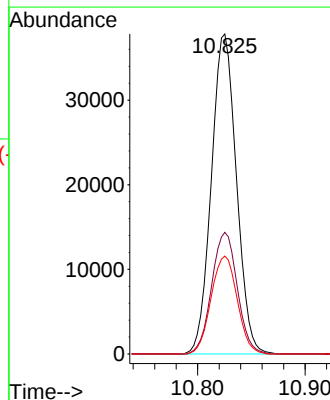
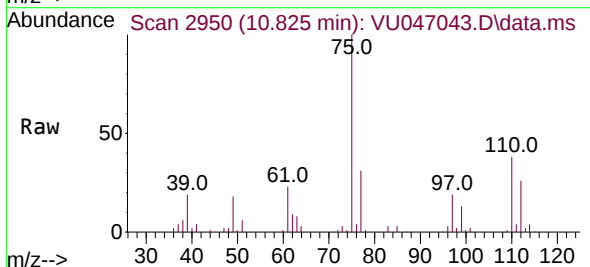
Instrument :
MSVOA_U
ClientSampleId :

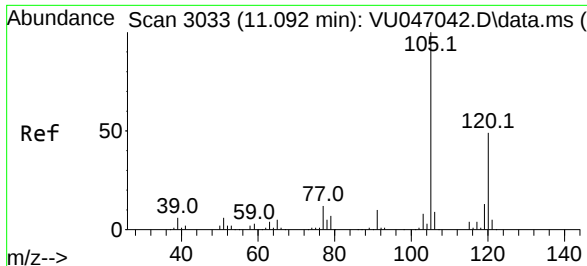
Tgt Ion:105 Resp: 373893
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 10.462 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 75 Resp: 61238
Ion Ratio Lower Upper
75 100
110 38.9 31.7 47.5
77 31.9 26.1 39.1

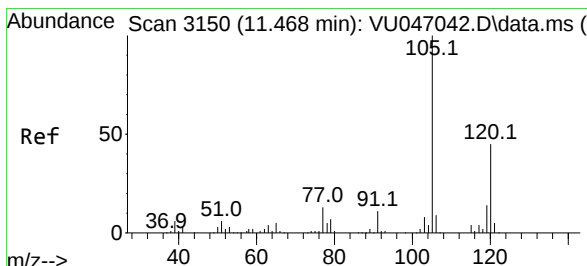
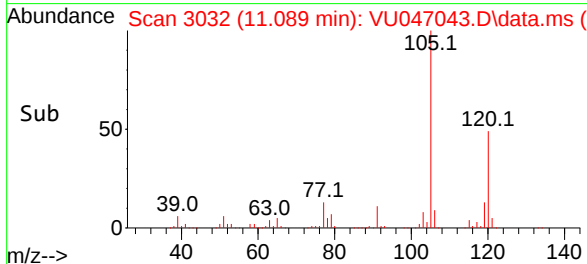
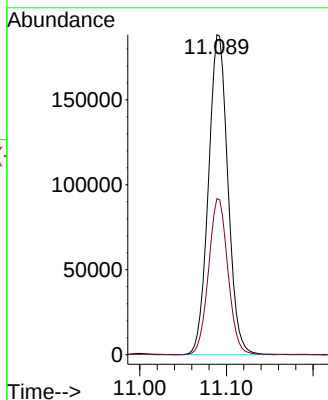
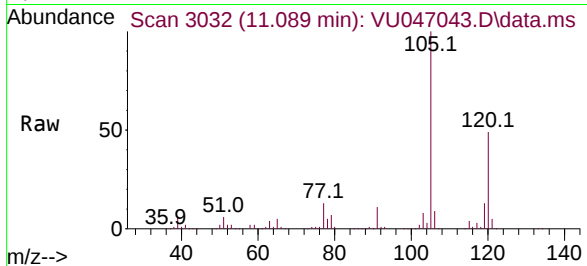




#62
 1,3,5-Trimethylbenzene
 Concen: 11.480 ug/L
 RT: 11.089 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29

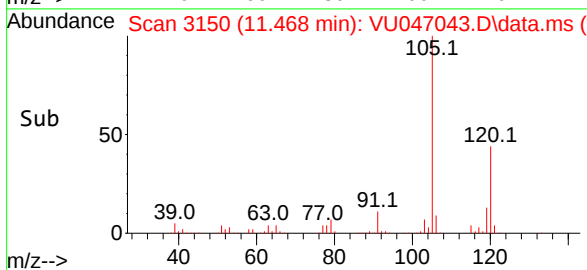
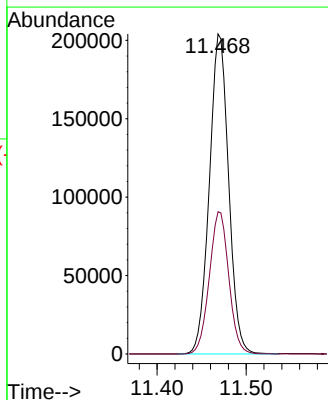
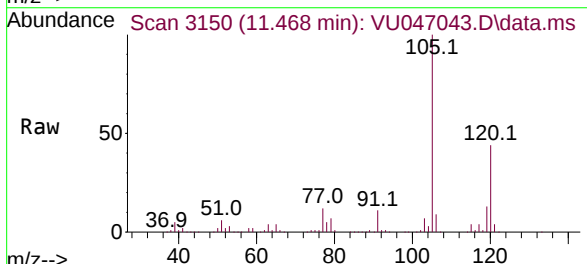
Instrument :
 MSVOA_U
 ClientSampleId :

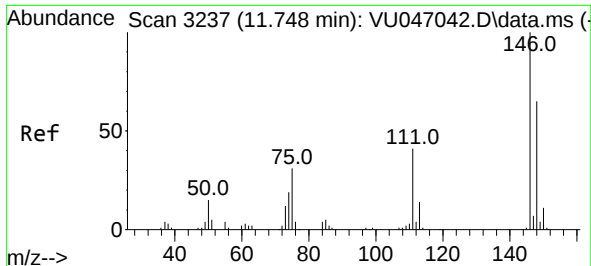
Tgt Ion:105 Resp: 294130
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 11.599 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29

Tgt Ion:105 Resp: 306188
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.1 54.1

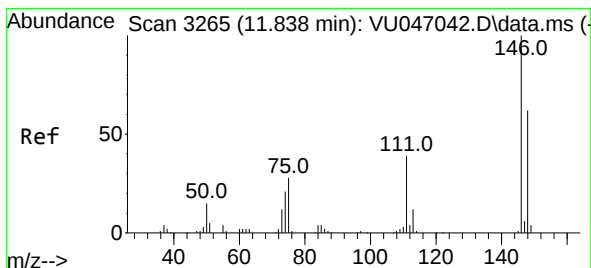
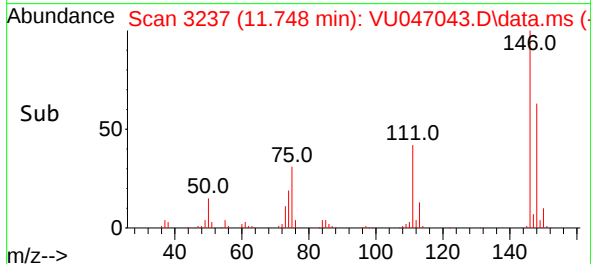
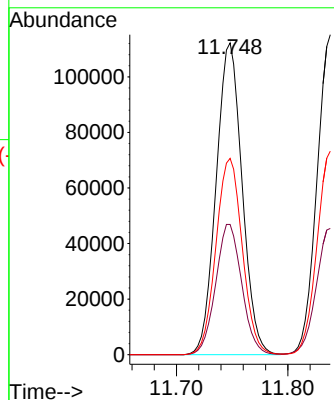
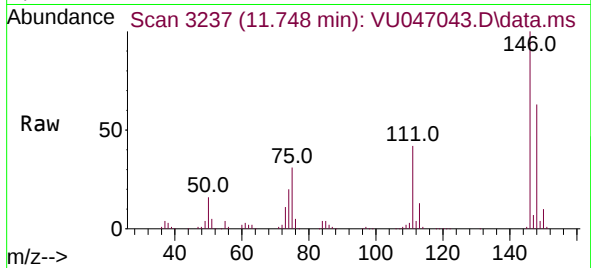




#64
1,3-Dichlorobenzene
Concen: 11.169 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

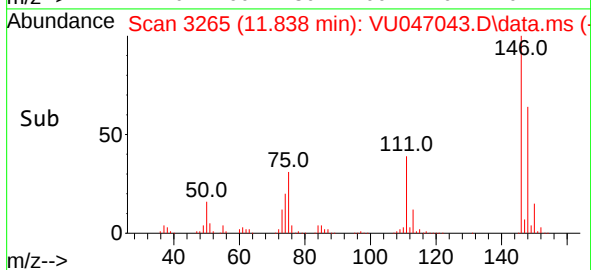
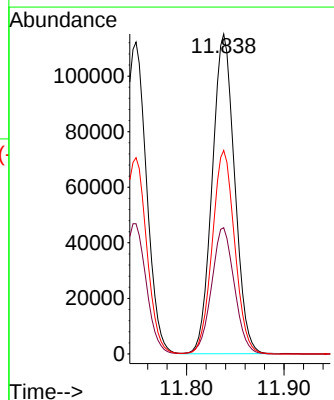
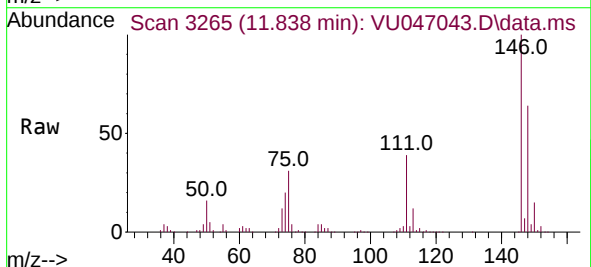
Instrument :
MSVOA_U
ClientSampleId :

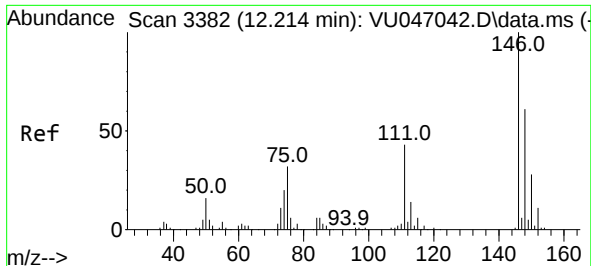
Tgt Ion:146 Resp: 182103
Ion Ratio Lower Upper
146 100
111 41.8 28.6 53.0
148 63.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 11.113 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion:146 Resp: 183951
Ion Ratio Lower Upper
146 100
111 39.5 27.5 51.1
148 63.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 11.109 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

Instrument :

MSVOA_U

ClientSampleId :

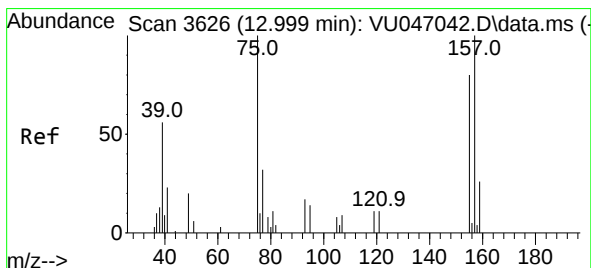
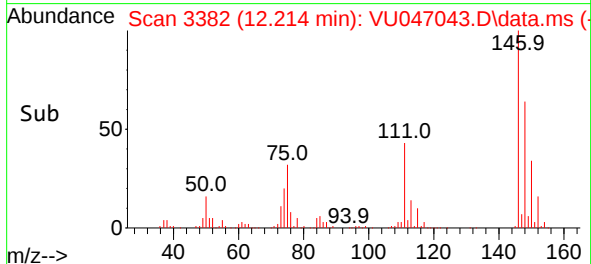
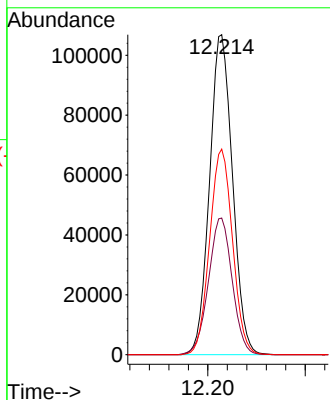
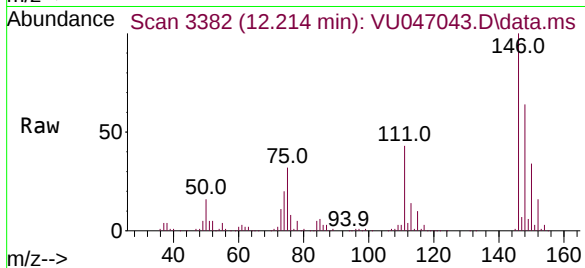
Tgt Ion:146 Resp: 174773

Ion Ratio Lower Upper

146 100

111 42.7 34.1 51.1

148 64.2 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 10.356 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047043.D

Acq: 04 Feb 2022 13:29

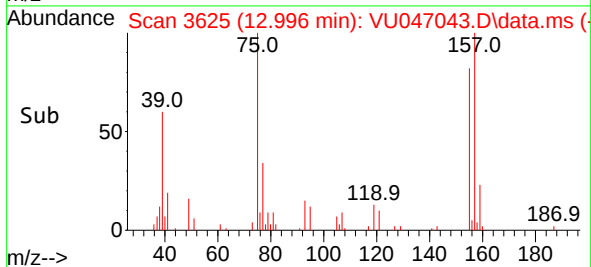
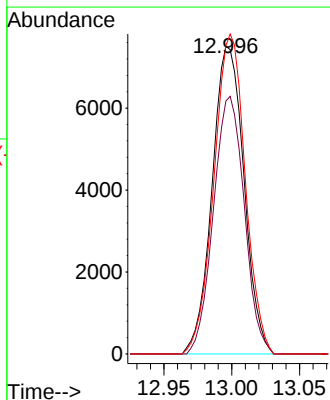
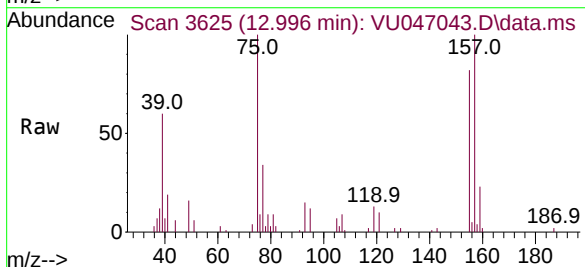
Tgt Ion: 75 Resp: 12255

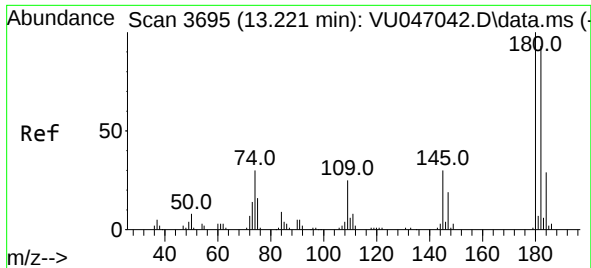
Ion Ratio Lower Upper

75 100

155 82.2 63.9 95.9

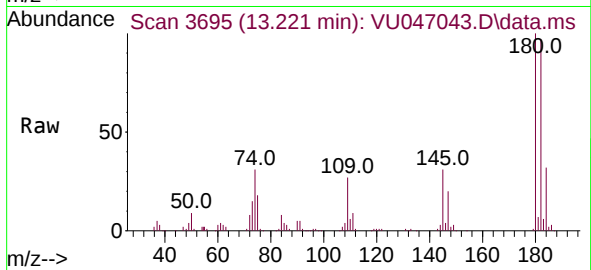
157 100.2 79.9 119.9





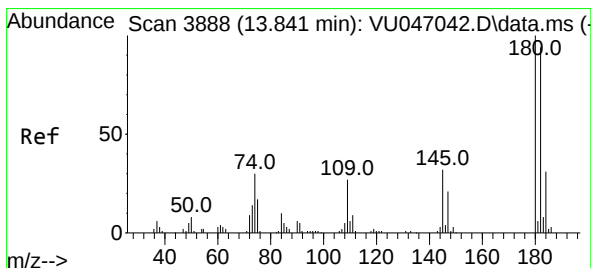
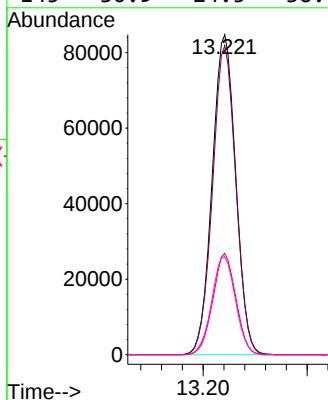
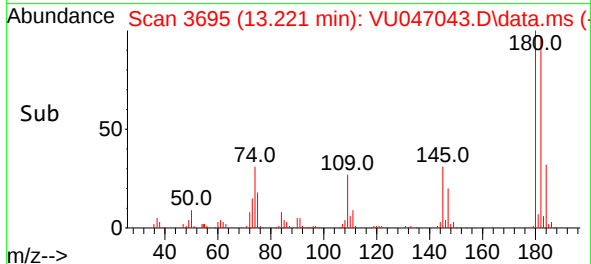
#69
 1,3,5-Trichlorobenzene
 Concen: 10.528 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29

Instrument :
 MSVOA_U
 ClientSampleId :

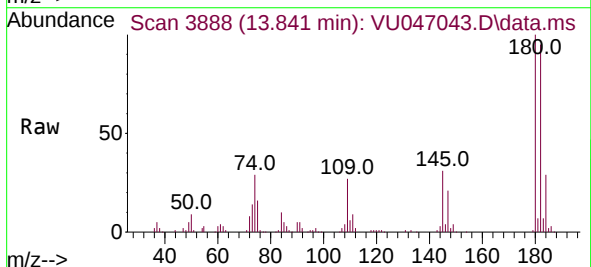


Tgt Ion:180 Resp: 133294

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.1	112.7
184	30.9	23.3	34.9
145	30.9	24.5	36.7

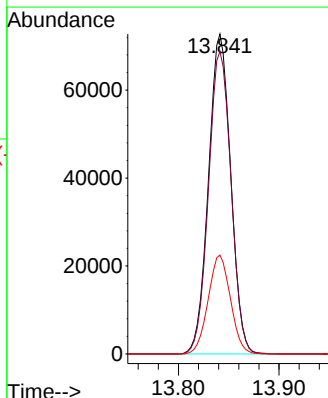
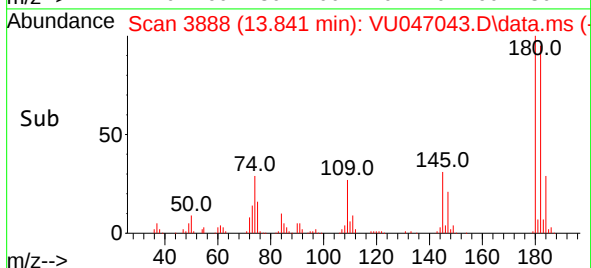


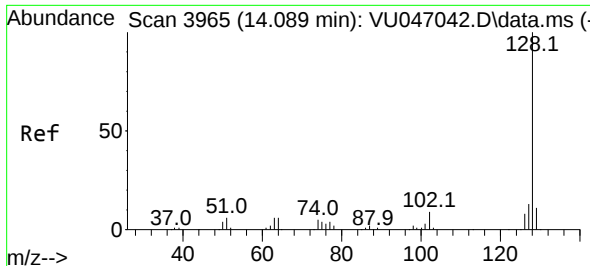
#70
 1,2,4-trichlorobenzene
 Concen: 10.744 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047043.D
 Acq: 04 Feb 2022 13:29



Tgt Ion:180 Resp: 111785

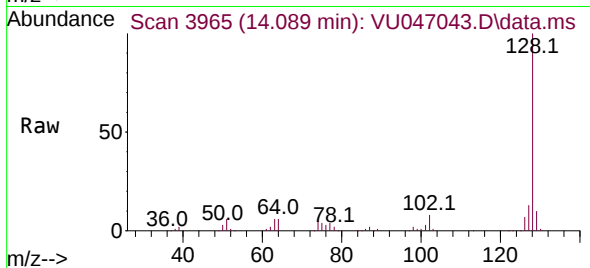
Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.2	111.4
145	31.0	24.6	36.8



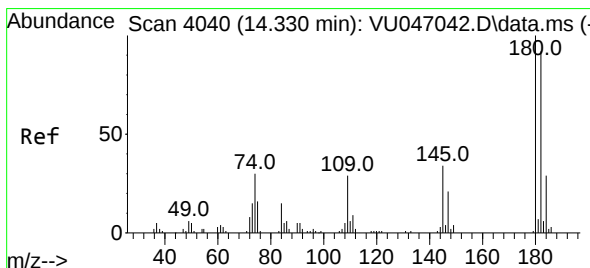
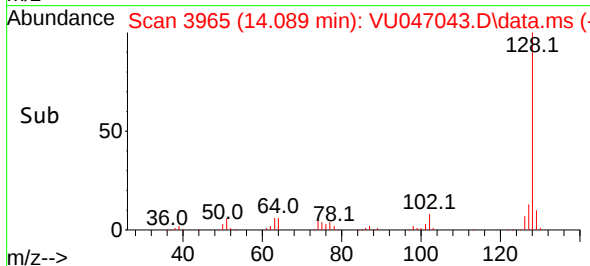
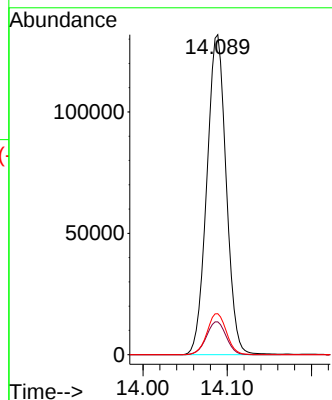


#71
Naphthalene
Concen: 10.301 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 210975
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 11.208 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047043.D
Acq: 04 Feb 2022 13:29

Tgt Ion:180 Resp: 111691
Ion Ratio Lower Upper
180 100
182 94.9 74.0 111.0
145 33.3 27.1 40.7

