

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047634.D
 Acq On : 24 Mar 2022 13:27
 Operator : SY/MD
 Sample : VSTD05051
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050051

Quant Time: Mar 24 23:08:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:06:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	265567	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269701	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167094	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100065	46.483	ug/L	0.00
7) Chloroethane-d5	1.919	69	78719	47.291	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	164524	43.172	ug/L	0.00
21) 2-Butanone-d5	4.642	46	170422	98.014	ug/L	0.00
24) Chloroform-d	5.067	84	177034	48.776	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	108297	45.017	ug/L	0.00
32) Benzene-d6	5.729	84	359775	47.380	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	106853	45.567	ug/L	0.00
41) Toluene-d8	7.899	98	350240	50.109	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	53832	47.246	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	124996	108.352	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	180364	49.603	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	146553	46.094	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	100329	36.966	ug/L	100
3) Chloromethane	1.523	50	97883	39.613	ug/L	100
5) Vinyl chloride	1.607	62	98751	39.645	ug/L	100
6) Bromomethane	1.864	94	51640	37.101	ug/L	100
8) Chloroethane	1.938	64	61576	42.314	ug/L	100
9) Trichlorofluoromethane	2.144	101	140639	42.741	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	79715	42.702	ug/L	100
12) 1,1-Dichloroethene	2.584	96	73443	41.584	ug/L	100
13) Acetone	2.655	43	110735	56.132	ug/L	100
14) Carbon disulfide	2.800	76	227727	41.561	ug/L	100
15) Methyl Acetate	2.961	43	99912	40.807	ug/L	100
16) Methylene chloride	3.051	84	84796	40.250	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	78191	41.907	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	220915	38.979	ug/L	100
19) 1,1-Dichloroethane	3.874	63	139555	41.194	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	85233	42.077	ug/L	100
22) 2-Butanone	4.722	43	151389	68.867	ug/L	100
23) Bromochloromethane	4.976	128	48827	46.536	ug/L	100
25) Chloroform	5.092	83	148280	39.551	ug/L	100
27) 1,2-Dichloroethane	5.796	62	112698	40.481	ug/L	100
29) Cyclohexane	5.394	56	111814	38.113	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	127098	40.207	ug/L	100
31) Carbon tetrachloride	5.530	117	116275	42.954	ug/L	100
33) Benzene	5.777	78	329263	42.013	ug/L	100
34) Trichloroethene	6.546	95	84034	40.875	ug/L	100
35) Methylcyclohexane	6.764	83	126710	40.449	ug/L	100
37) 1,2-Dichloropropane	6.793	63	82992	40.632	ug/L	100
38) Bromodichloromethane	7.108	83	113771	41.625	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	125298	40.488	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	255804	85.112	ug/L	100
42) Toluene	7.970	91	364811	43.273	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	126239	41.624	ug/L	100

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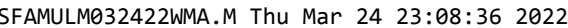
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050051

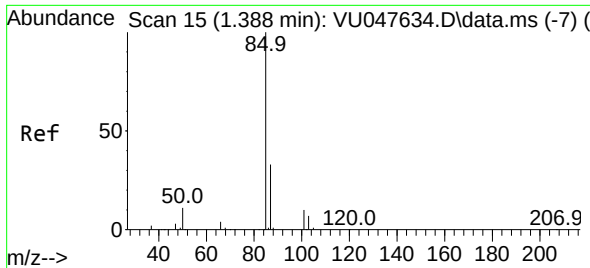
Quant Time: Mar 24 23:08:28 2022
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:06:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	87124	41.986	ug/L	100
46) Tetrachloroethene	8.552	164	75736	48.368	ug/L	100
48) 2-Hexanone	8.687	43	221487	83.271	ug/L	100
49) Dibromochloromethane	8.809	129	99817	45.386	ug/L	100
50) 1,2-Dibromoethane	8.925	107	96629	43.020	ug/L	100
51) Chlorobenzene	9.449	112	232406	42.424	ug/L	100
52) Ethylbenzene	9.571	91	361314	40.530	ug/L	100
53) m,p-Xylene	9.693	106	146004	41.790	ug/L	100
54) o-Xylene	10.102	106	143907	42.239	ug/L	100
55) Styrene	10.115	104	247018	42.651	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	162153	44.844	ug/L	100
59) Bromoform	10.291	173	86073	44.673	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	125329	36.065	ug/L	100
61) Isopropylbenzene	10.484	105	365032	36.172	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	190385	24.076	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	302194	36.176	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	199669	40.456	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	203832	39.916	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	201590	40.438	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	40534	42.568	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	159613	43.758	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	140418	43.420	ug/L	100
71) Naphthalene	14.085	128	418337	38.680	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	142606	43.538	ug/L	100

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

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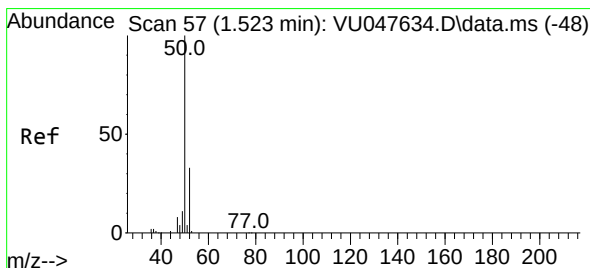
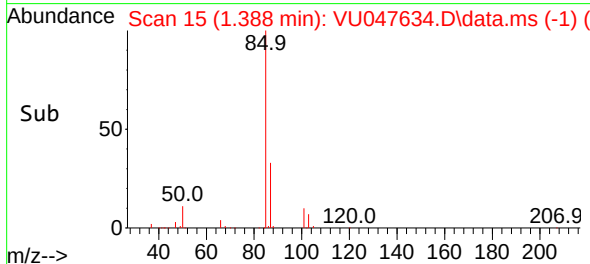
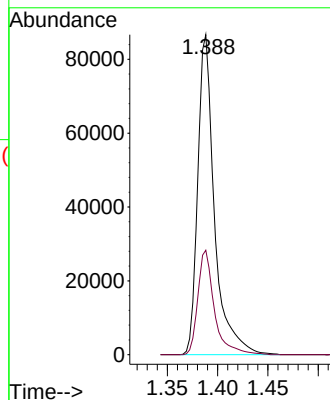
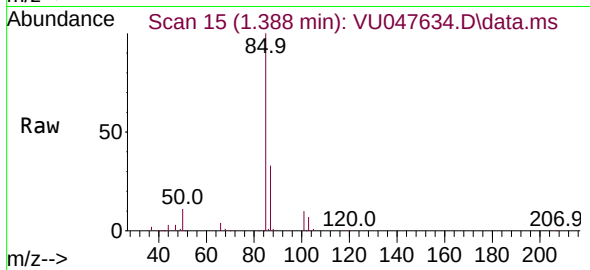




#2
Dichlorodifluoromethane
Concen: 36.966 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

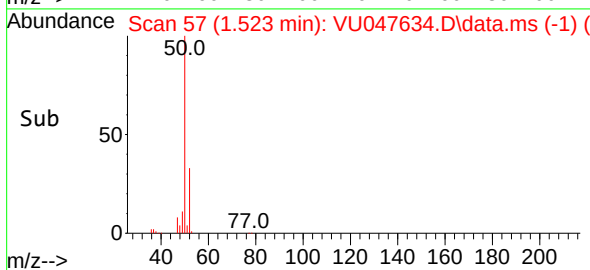
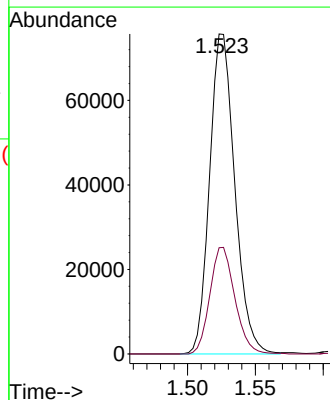
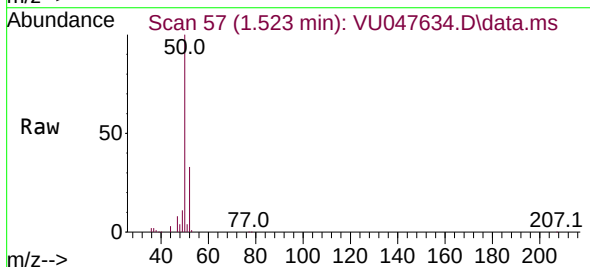
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

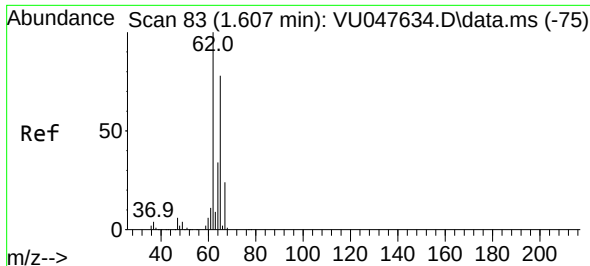
Tgt Ion: 85 Resp: 100329
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 39.613 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 50 Resp: 97883
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

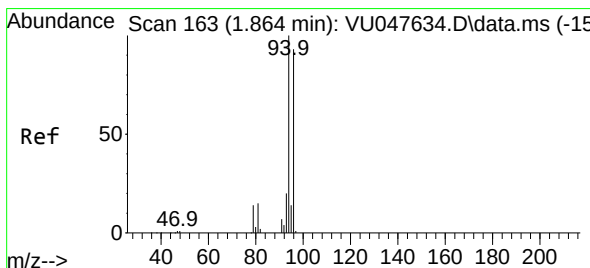
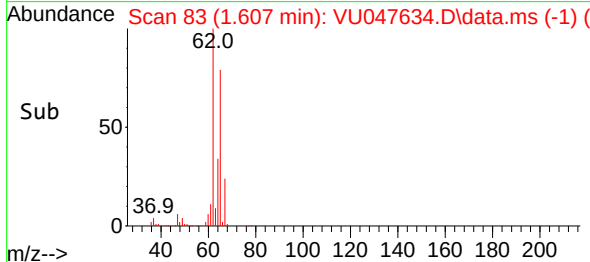
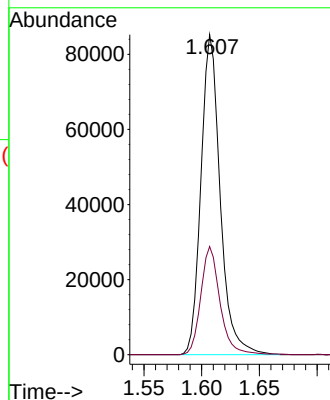
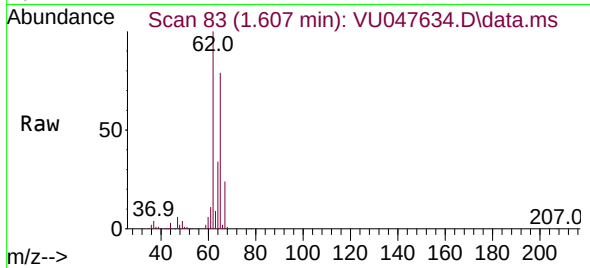




#5
 Vinyl chloride
 Concen: 39.645 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047634.D
 Acq: 24 Mar 2022 13:27

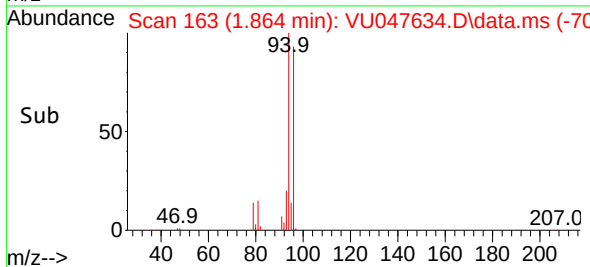
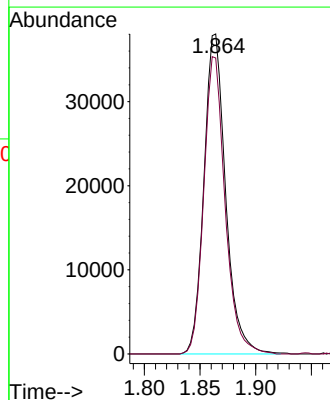
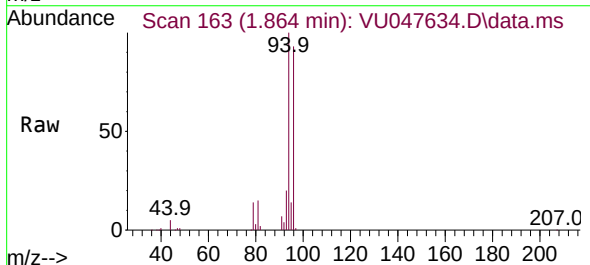
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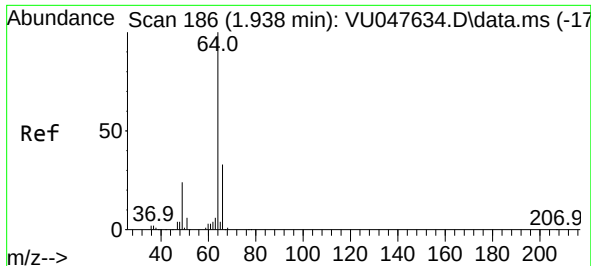
Tgt Ion: 62 Resp: 98751
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.7 43.9



#6
 Bromomethane
 Concen: 37.101 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047634.D
 Acq: 24 Mar 2022 13:27

Tgt Ion: 94 Resp: 51640
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.8 120.3

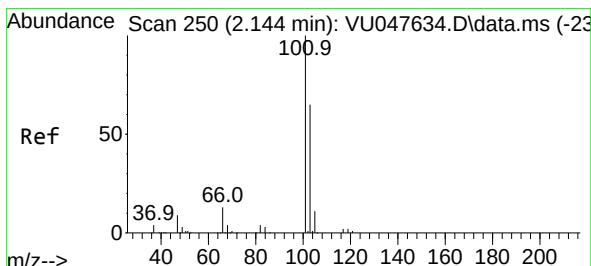
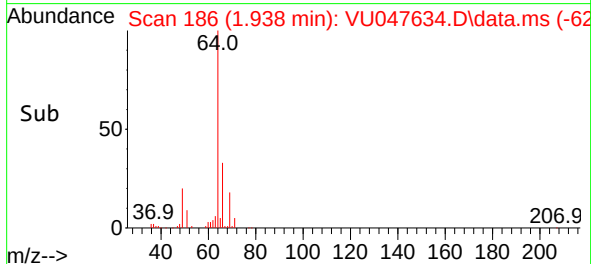
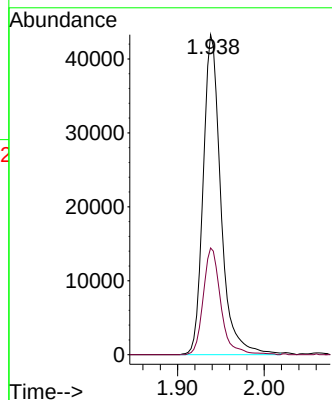
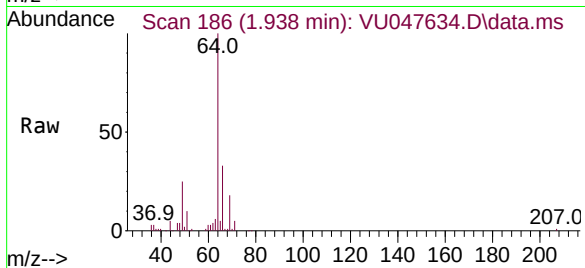




#8
Chloroethane
Concen: 42.314 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

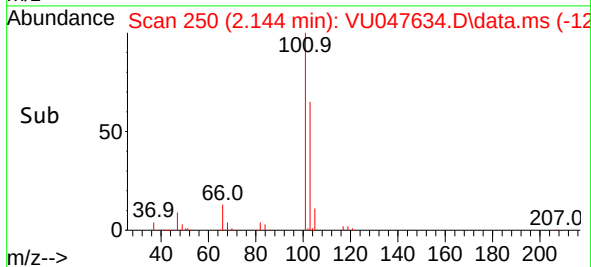
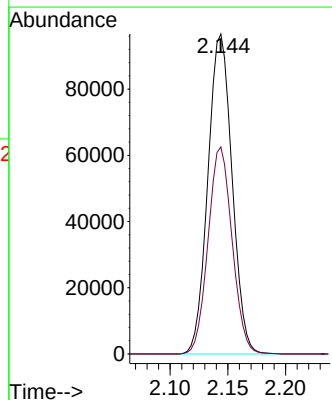
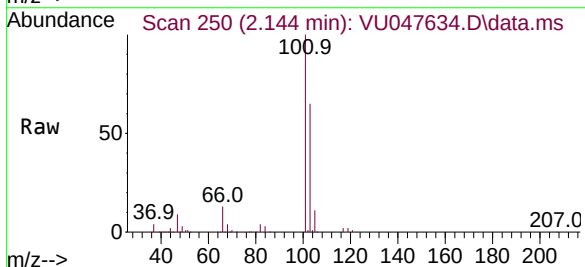
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ClientSampleId :
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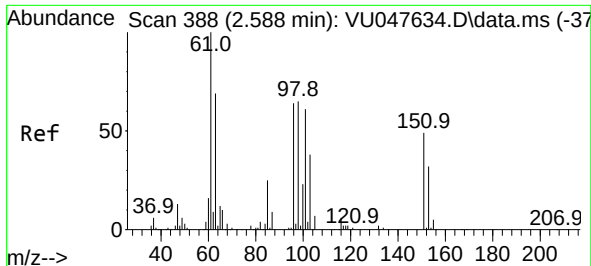
Tgt Ion: 64 Resp: 61576
Ion Ratio Lower Upper
64 100
66 33.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 42.741 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion:101 Resp: 140639
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

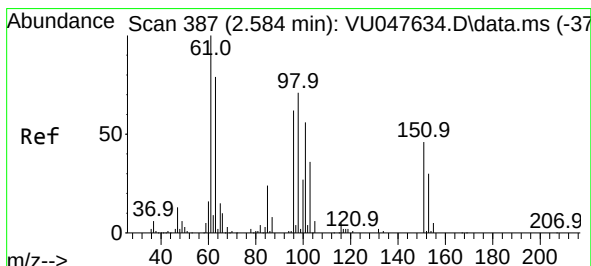
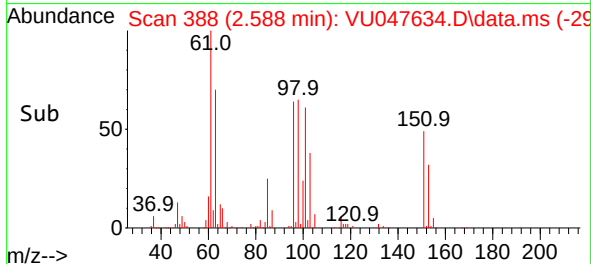
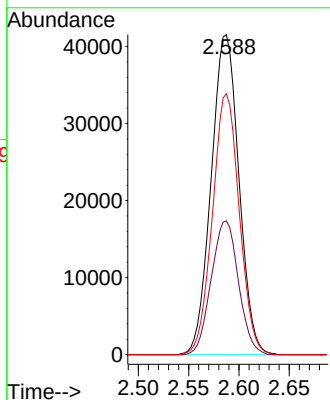
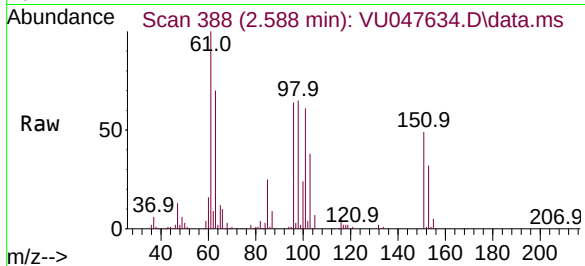




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.702 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

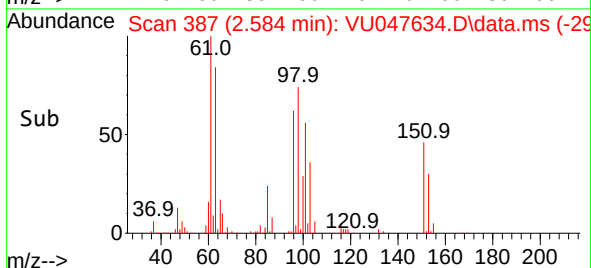
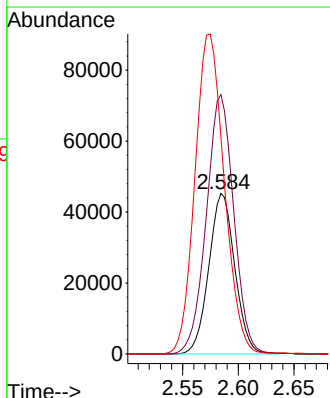
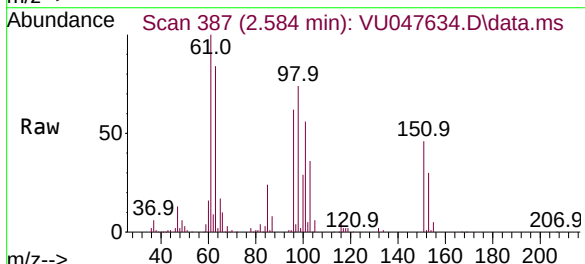
Instrument :
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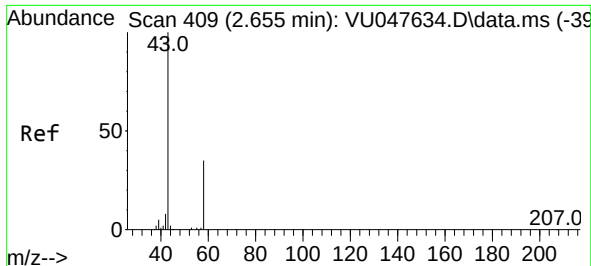
Tgt Ion:101 Resp: 79715
Ion Ratio Lower Upper
101 100
85 41.0 32.8 49.2
151 78.8 63.0 94.6



#12
1,1-Dichloroethene
Concen: 41.584 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 96 Resp: 73443
Ion Ratio Lower Upper
96 100
61 161.6 113.1 210.1
63 135.4 94.8 176.0





#13

Acetone

Concen: 56.132 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

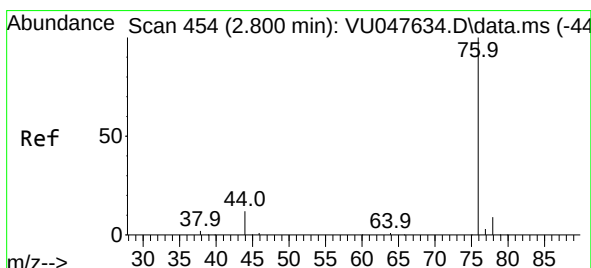
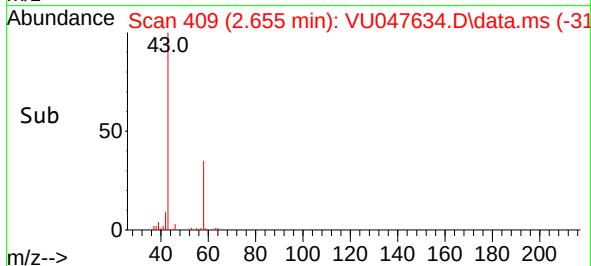
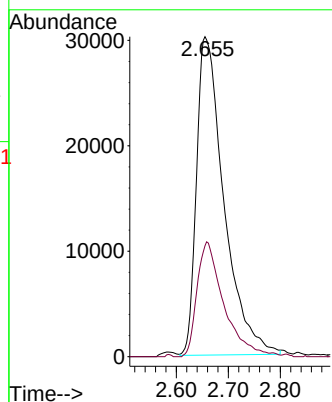
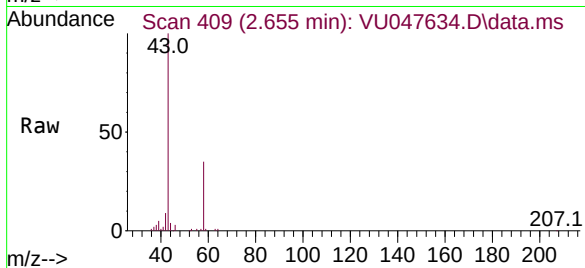
VSTD050051

Tgt Ion: 43 Resp: 110735

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.0



#14

Carbon disulfide

Concen: 41.561 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047634.D

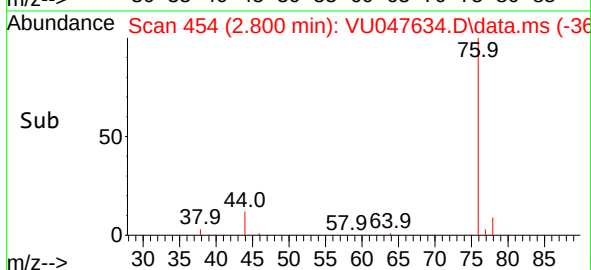
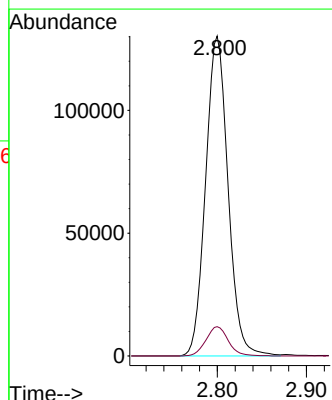
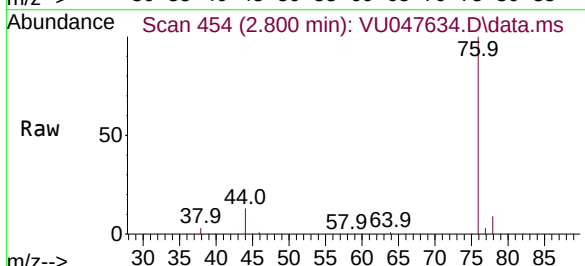
Acq: 24 Mar 2022 13:27

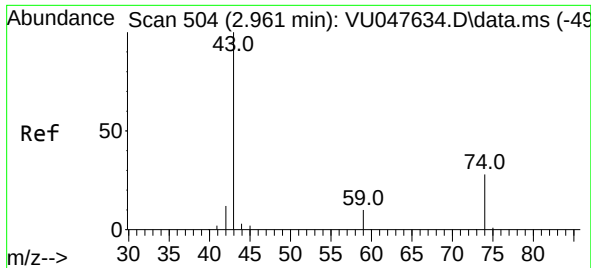
Tgt Ion: 76 Resp: 227727

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

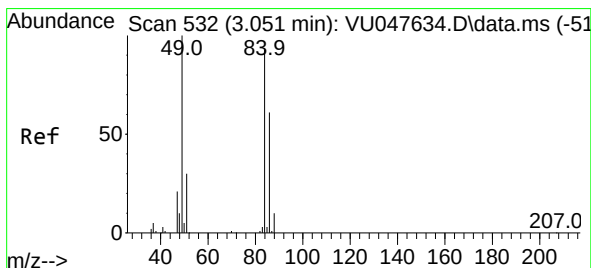
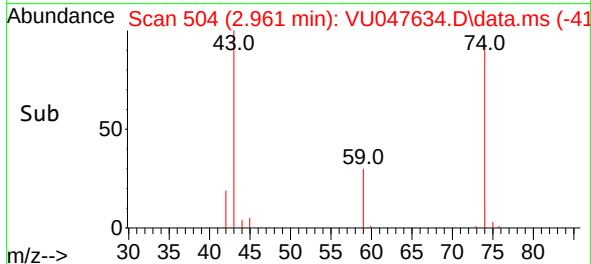
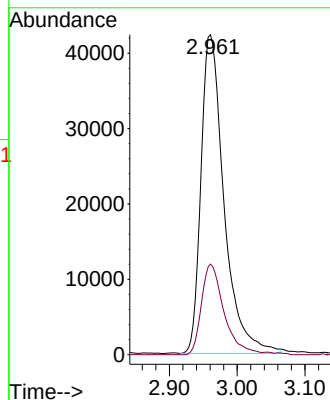
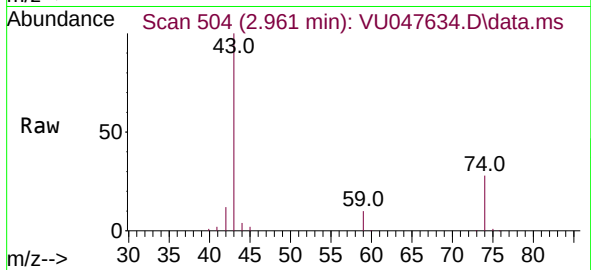




#15
Methyl Acetate
Concen: 40.807 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

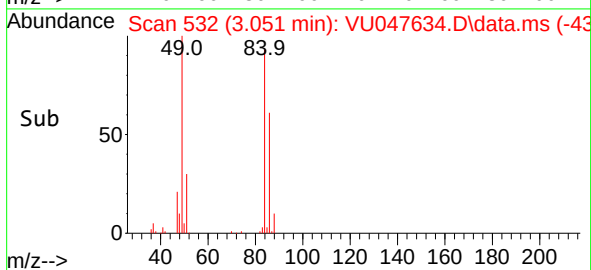
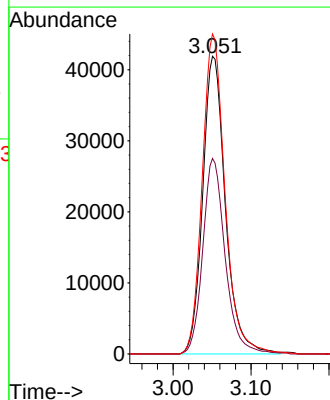
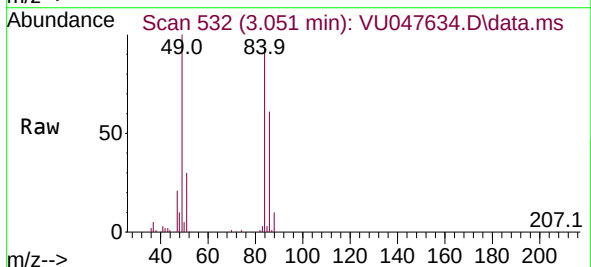
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MSVOA_U
ClientSampleId :
VSTD050051

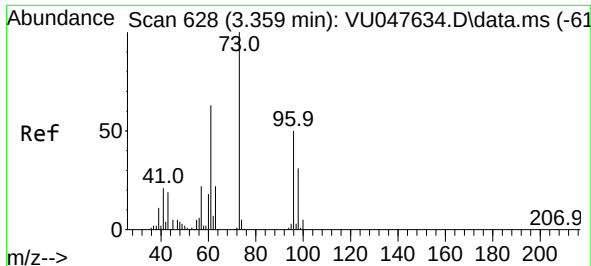
Tgt Ion: 43 Resp: 99912
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.2



#16
Methylene chloride
Concen: 40.250 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 84 Resp: 84796
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 107.5 75.3 139.8

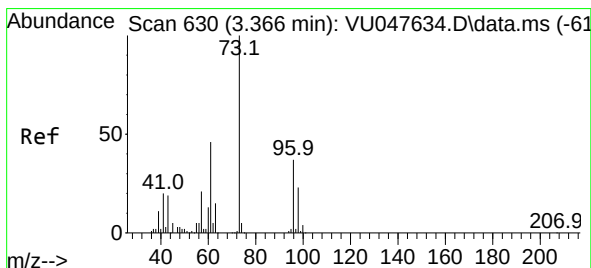
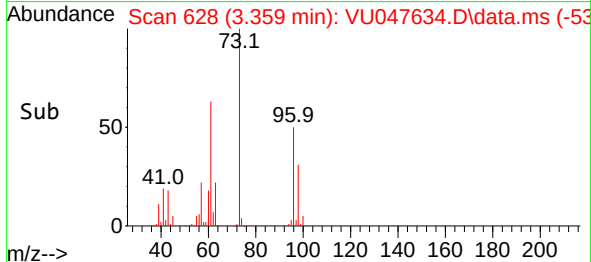
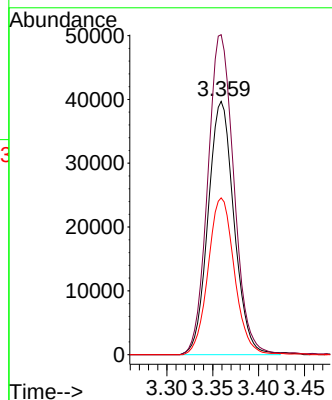
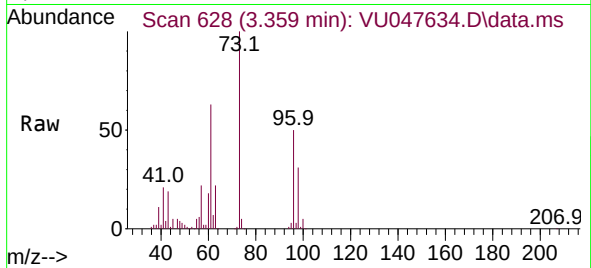




#17
trans-1,2-Dichloroethene
Concen: 41.907 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

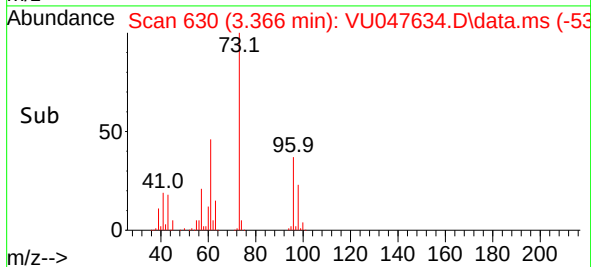
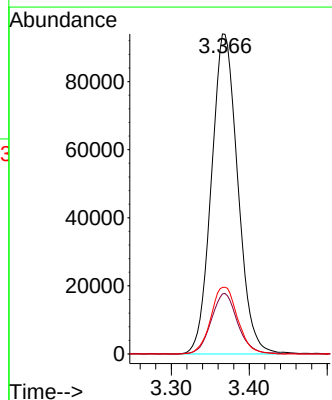
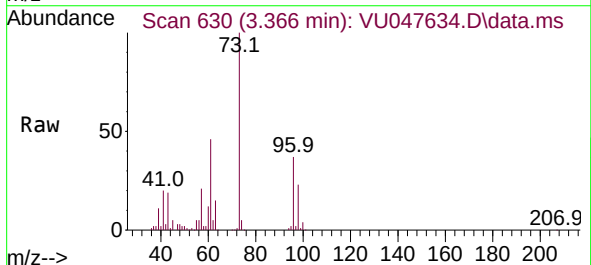
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

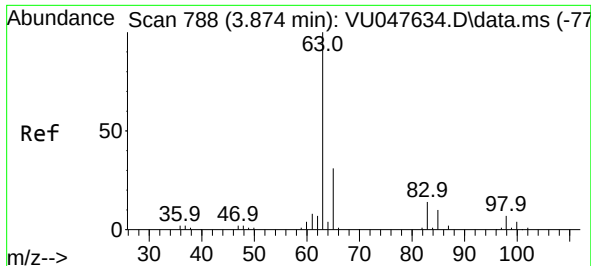
Tgt Ion: 96 Resp: 78191
Ion Ratio Lower Upper
96 100
61 126.3 88.4 164.2
98 61.9 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 38.979 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 73 Resp: 220915
Ion Ratio Lower Upper
73 100
43 19.1 15.3 22.9
57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 41.194 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

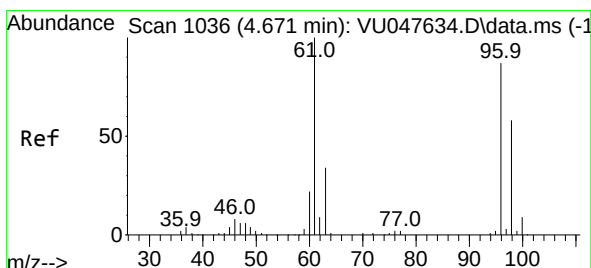
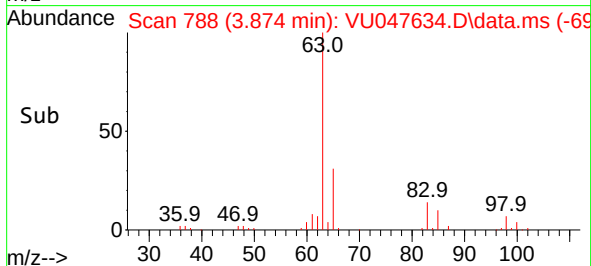
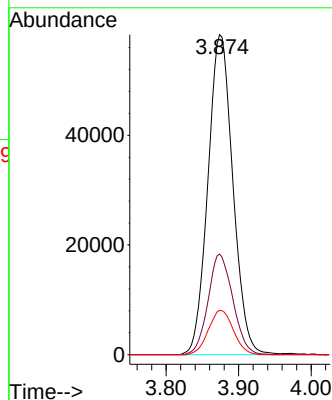
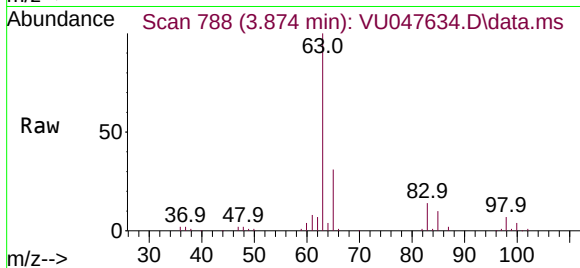
Tgt Ion: 63 Resp: 139555

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.9 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 42.077 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

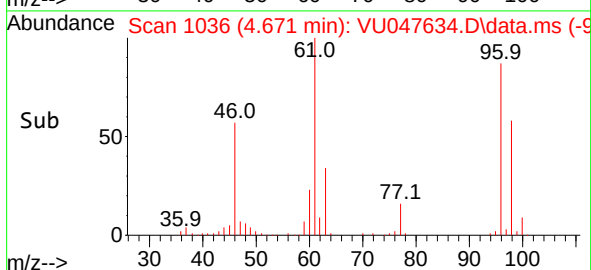
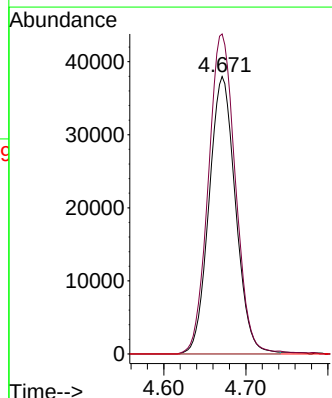
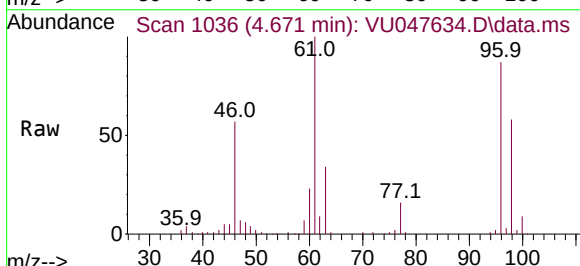
Tgt Ion: 96 Resp: 85233

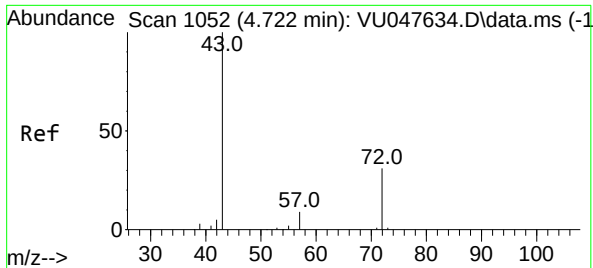
Ion Ratio Lower Upper

96 100

61 115.3 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 68.867 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

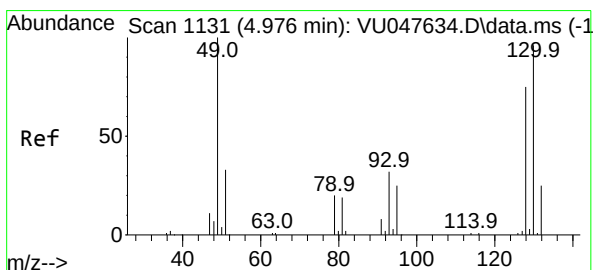
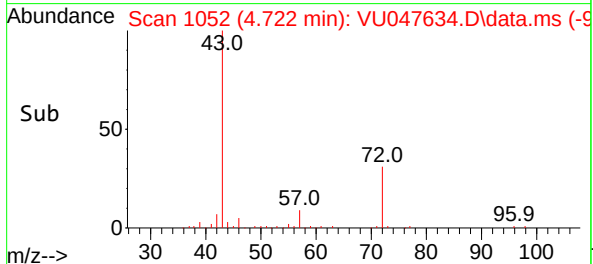
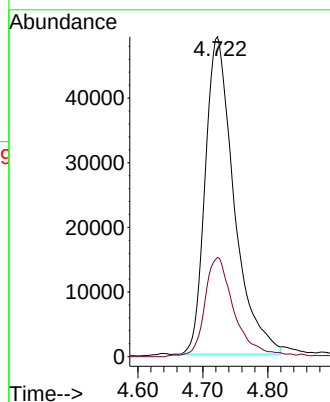
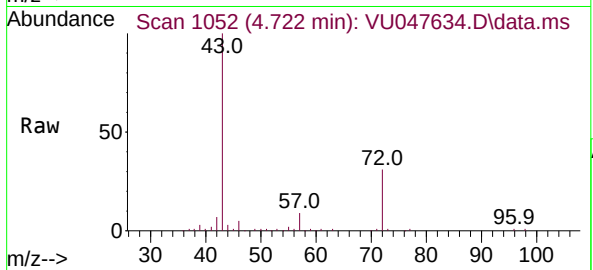
VSTD050051

Tgt Ion: 43 Resp: 151389

Ion Ratio Lower Upper

43 100

72 31.9 16.0 47.9



#23

Bromochloromethane

Concen: 46.536 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Tgt Ion: 128 Resp: 48827

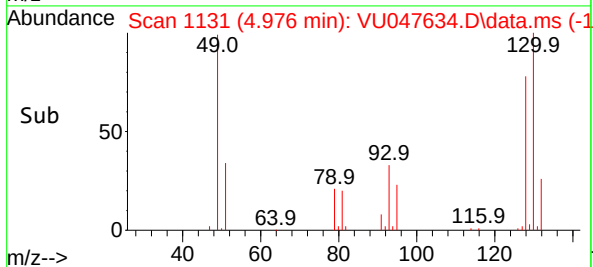
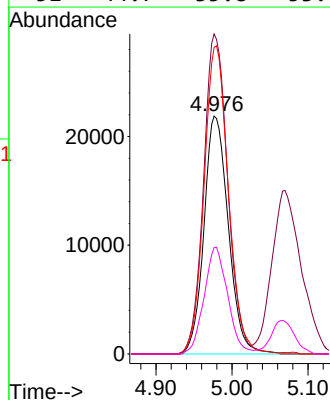
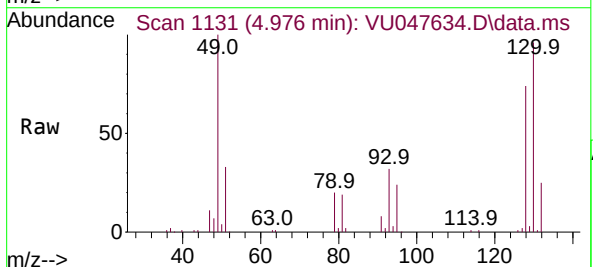
Ion Ratio Lower Upper

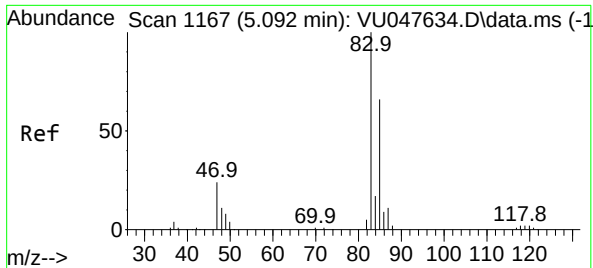
128 100

49 134.5 94.1 174.8

130 128.8 90.2 167.4

51 44.7 35.8 53.6

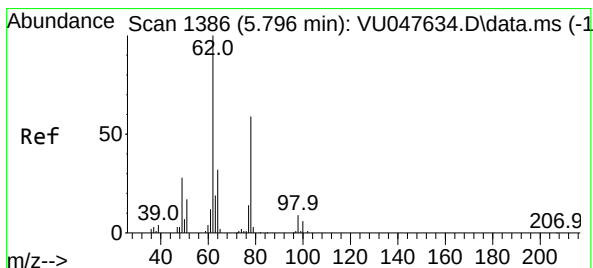
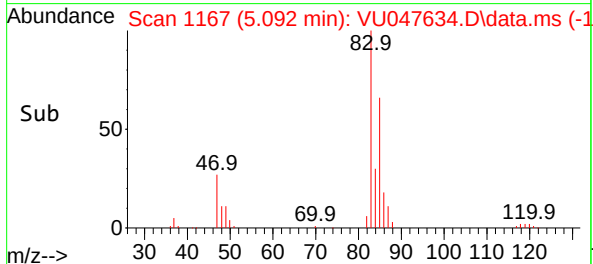
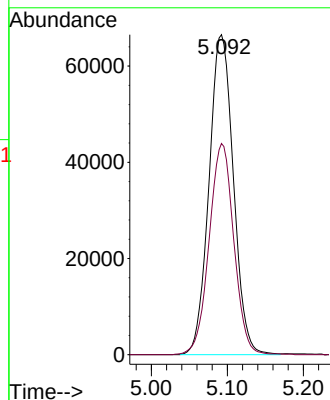
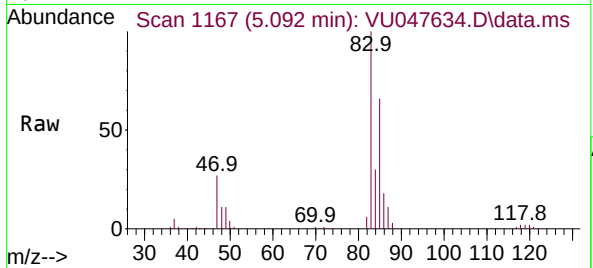




#25
Chloroform
Concen: 39.551 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

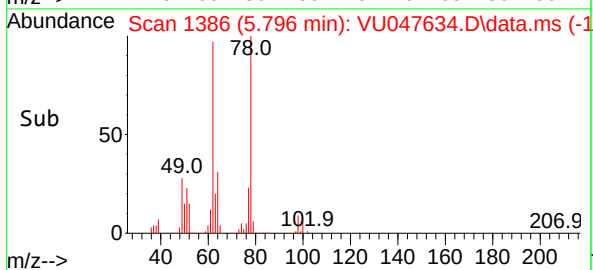
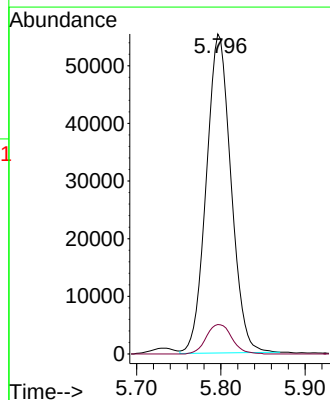
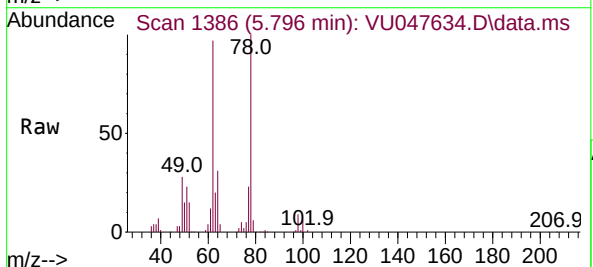
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

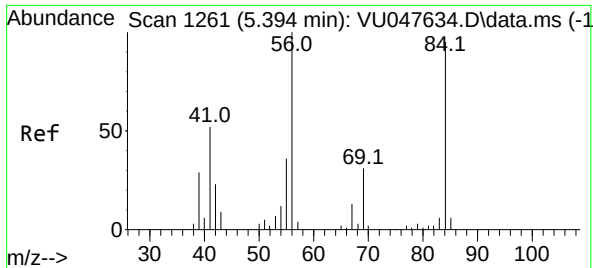
Tgt Ion: 83 Resp: 148280
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 40.481 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 62 Resp: 112698
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 38.113 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

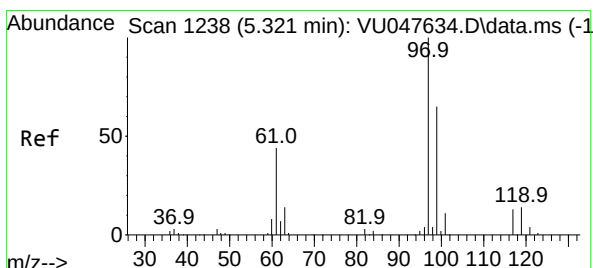
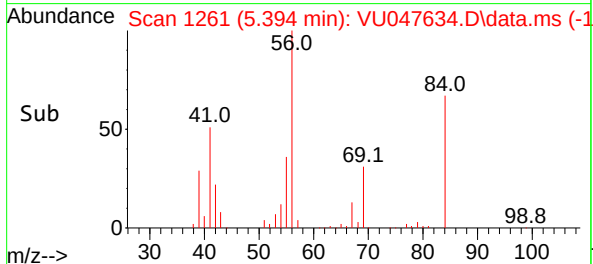
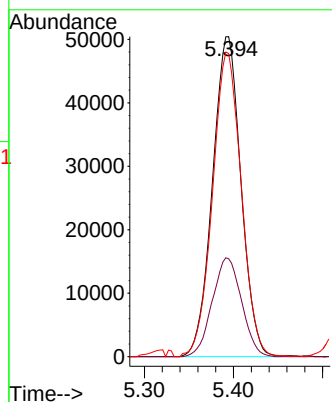
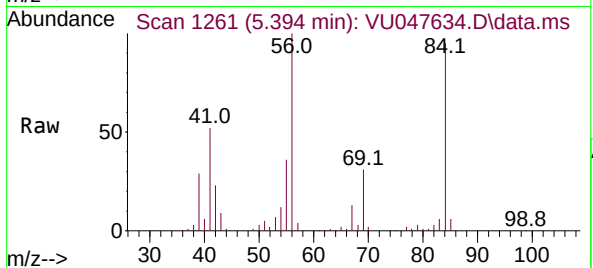
Tgt Ion: 56 Resp: 111814

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 96.3 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 40.207 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

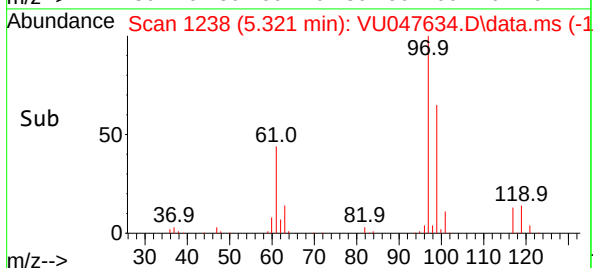
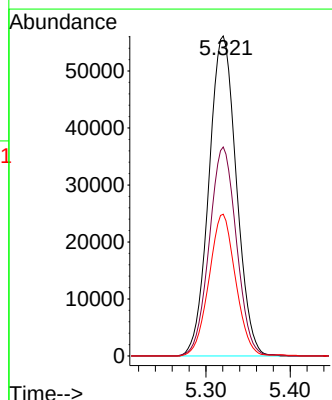
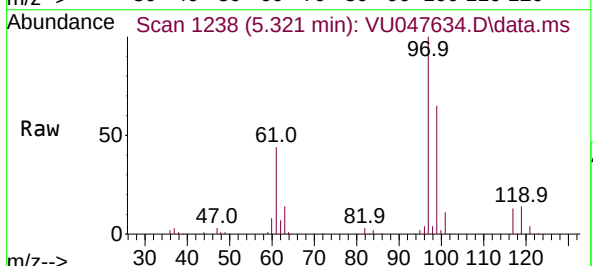
Tgt Ion: 97 Resp: 127098

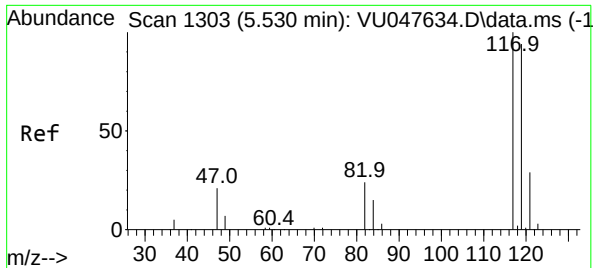
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 42.8 34.2 51.4

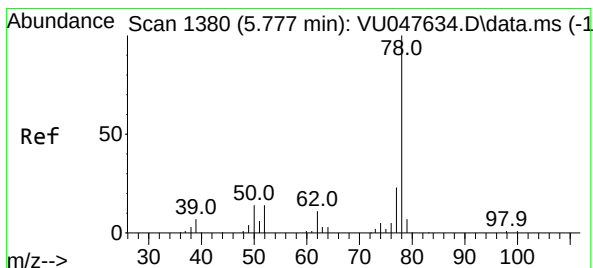
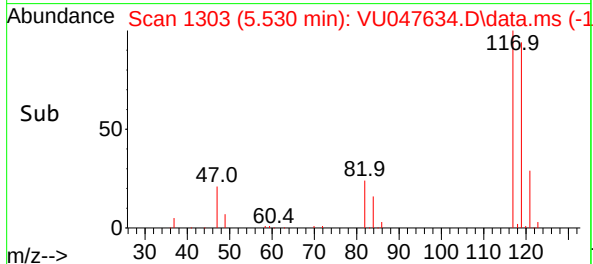
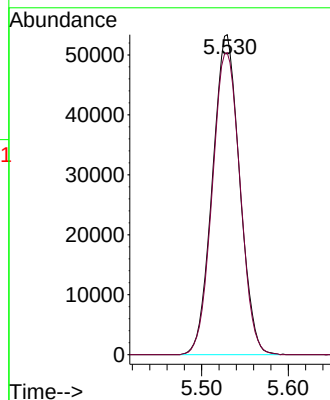
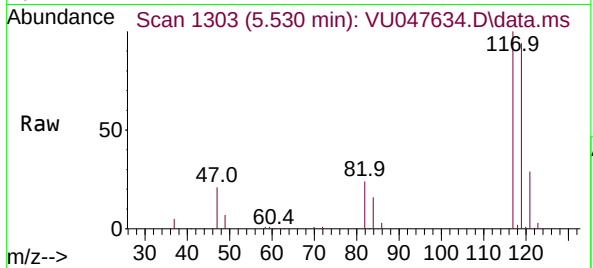




#31
Carbon tetrachloride
Concen: 42.954 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

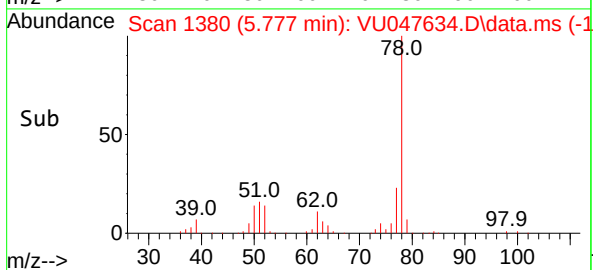
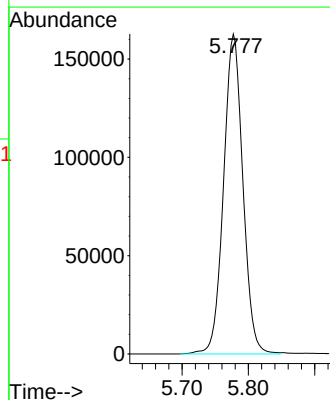
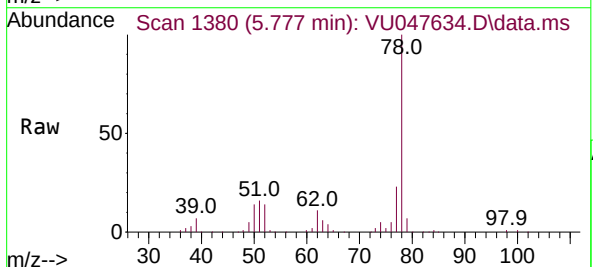
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

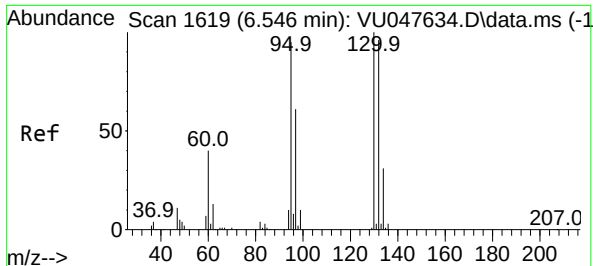
Tgt Ion:117 Resp: 116275
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 42.013 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 78 Resp: 329263





#34

Trichloroethene

Concen: 40.875 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

Tgt Ion: 95 Resp: 84034

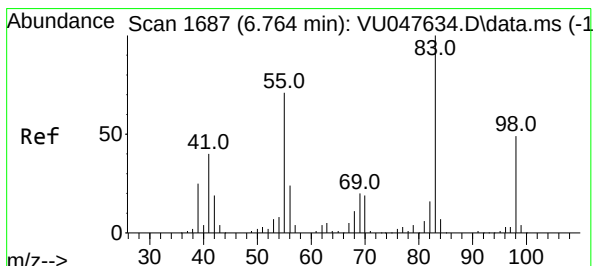
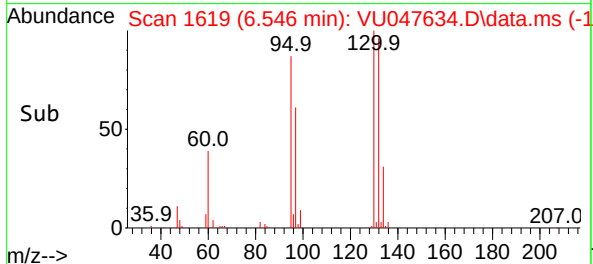
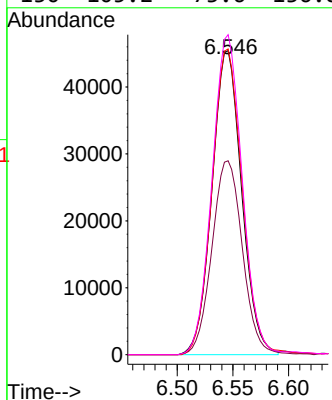
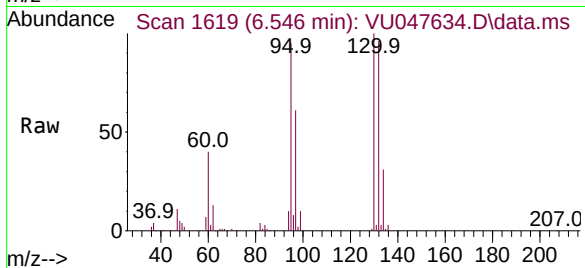
Ion Ratio Lower Upper

95 100

97 63.8 44.7 82.9

132 100.6 70.4 130.8

130 105.2 73.6 136.8



#35

Methylcyclohexane

Concen: 40.449 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

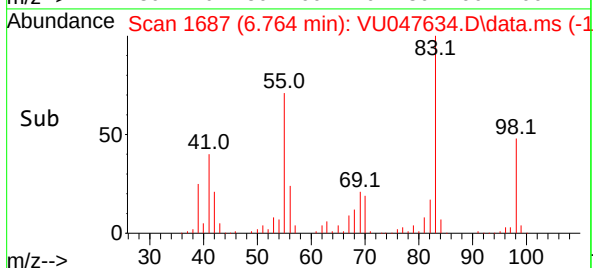
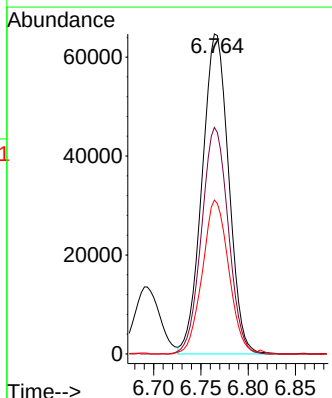
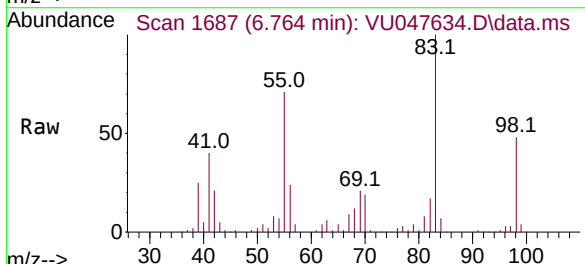
Tgt Ion: 83 Resp: 126710

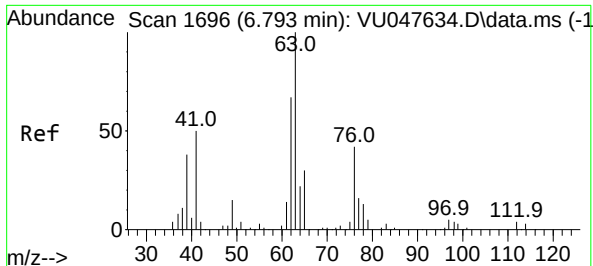
Ion Ratio Lower Upper

83 100

55 71.0 56.8 85.2

98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 40.632 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

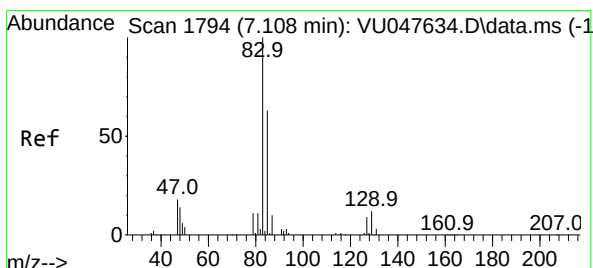
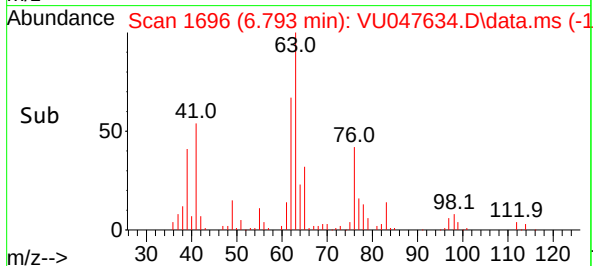
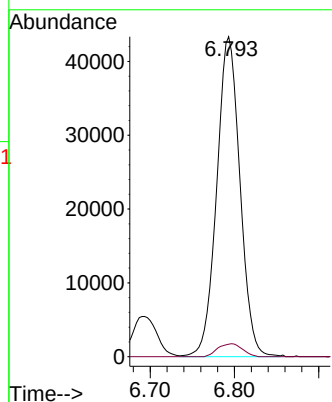
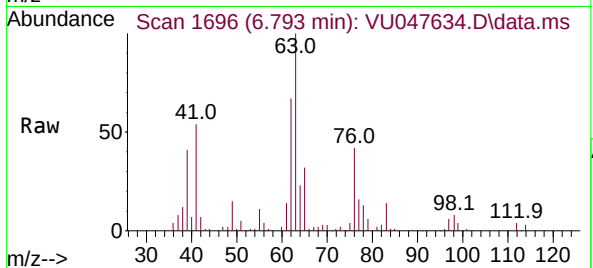
VSTD050051

Tgt Ion: 63 Resp: 82992

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 41.625 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

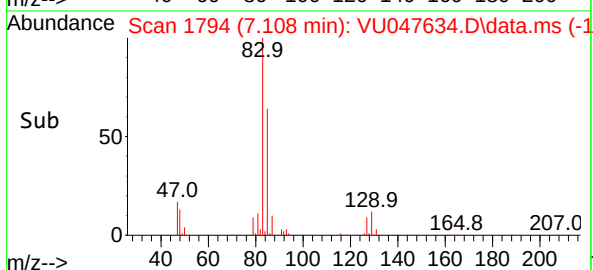
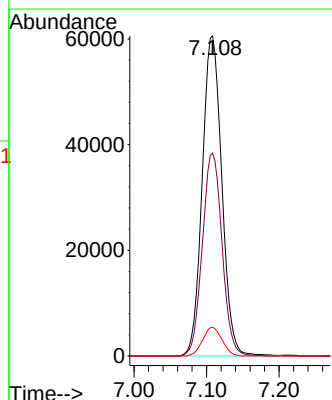
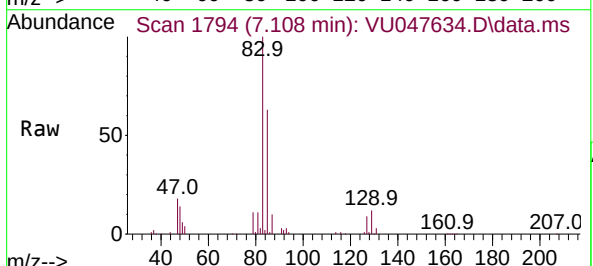
Tgt Ion: 83 Resp: 113771

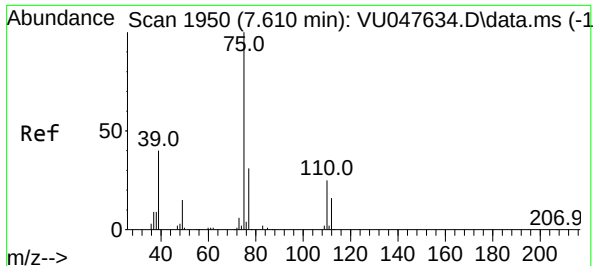
Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 40.488 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

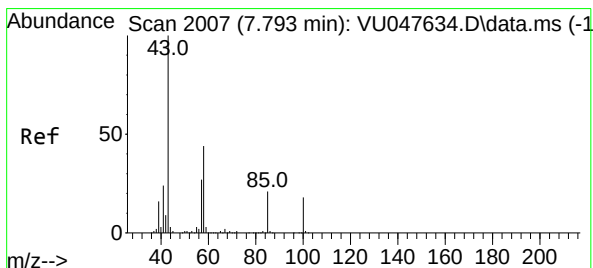
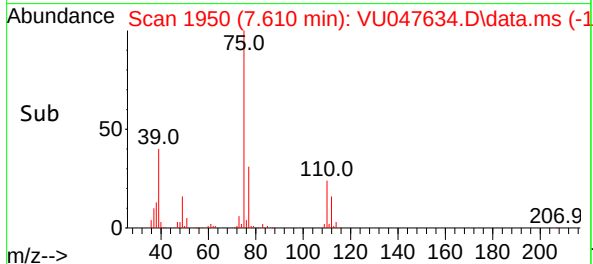
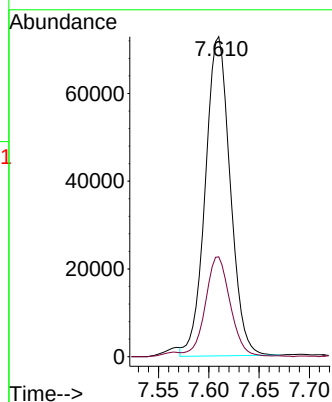
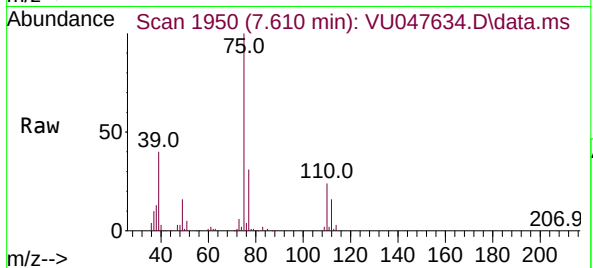
VSTD050051

Tgt Ion: 75 Resp: 125298

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 85.112 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

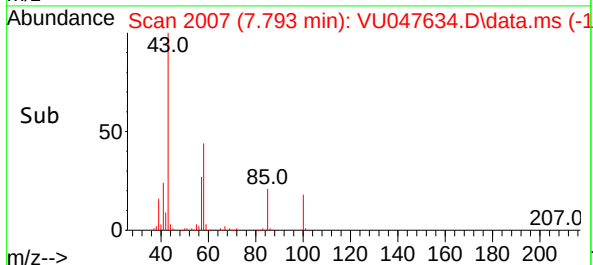
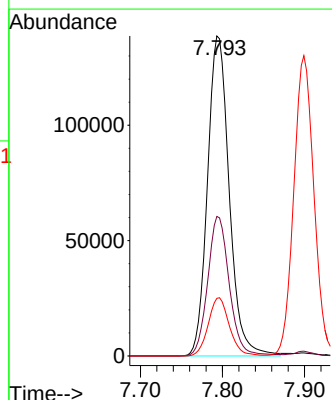
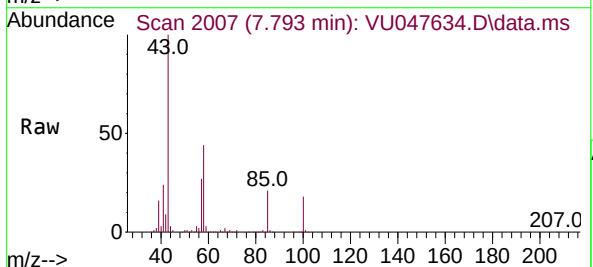
Tgt Ion: 43 Resp: 255804

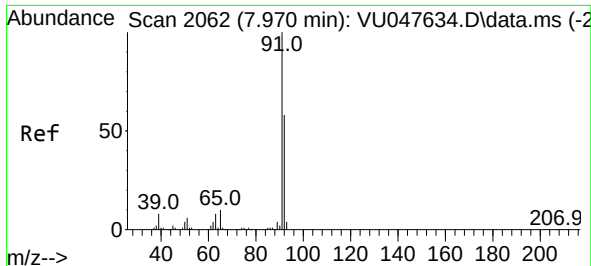
Ion Ratio Lower Upper

43 100

58 43.4 34.7 52.1

100 17.7 14.2 21.2





#42

Toluene

Concen: 43.273 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

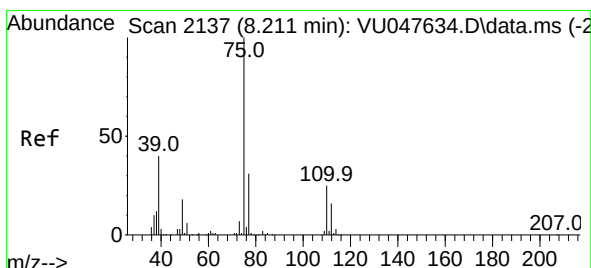
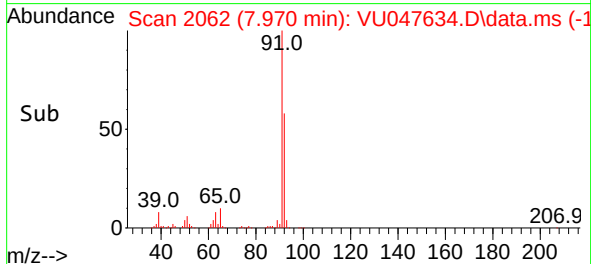
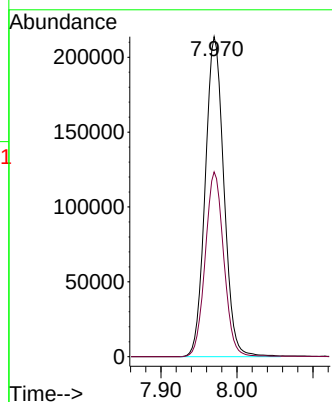
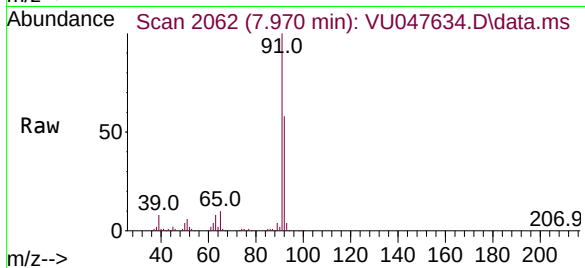
VSTD050051

Tgt Ion: 91 Resp: 364811

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 41.624 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047634.D

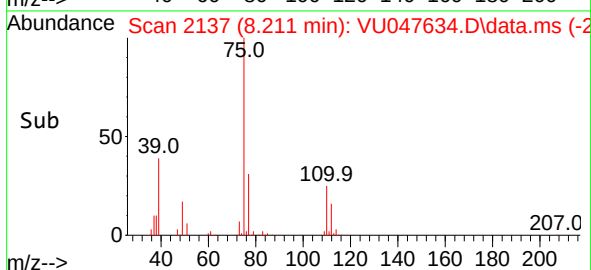
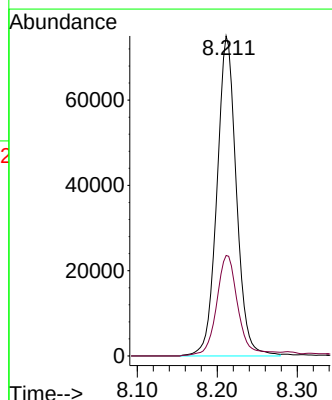
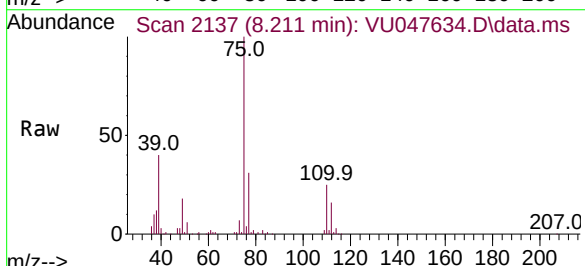
Acq: 24 Mar 2022 13:27

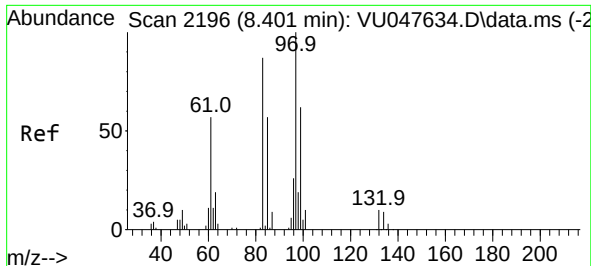
Tgt Ion: 75 Resp: 126239

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

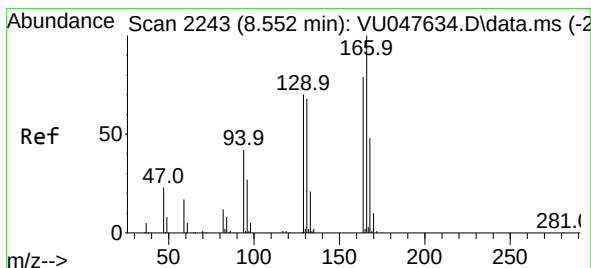
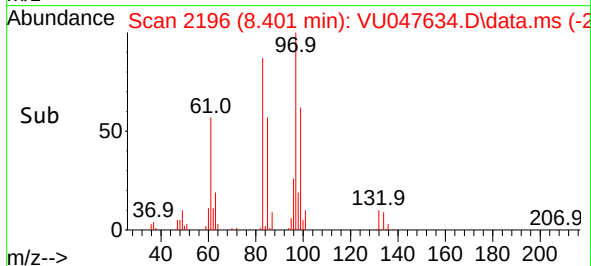
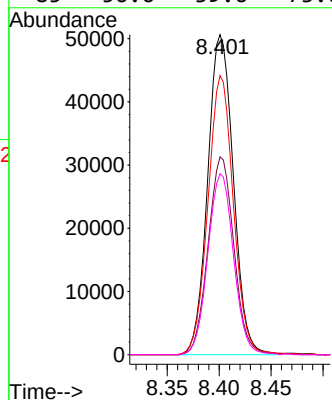
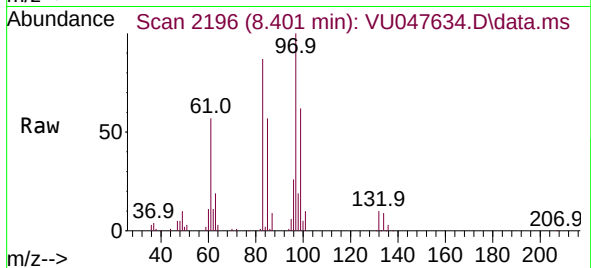




#45
1,1,2-Trichloroethane
Concen: 41.986 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

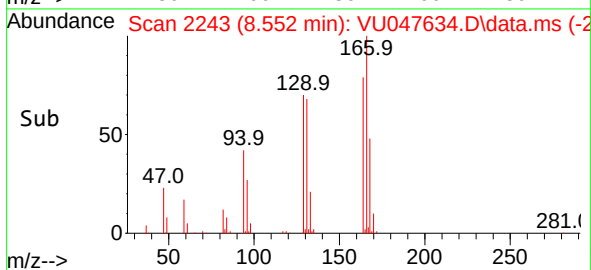
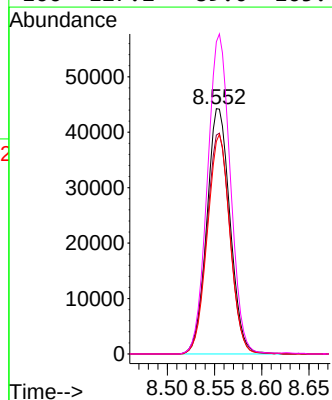
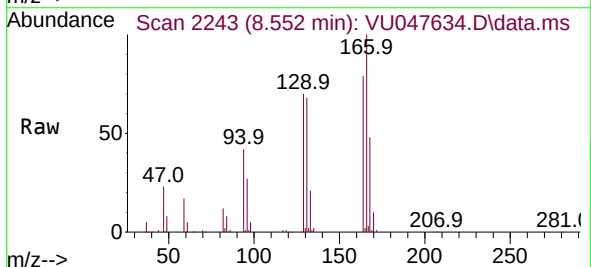
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

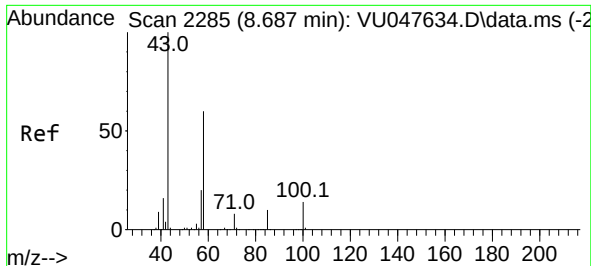
Tgt Ion:	97	Resp:	87124
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	87.2	61.0	113.4
85	56.6	39.6	73.6



#46
Tetrachloroethene
Concen: 48.368 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion:	164	Resp:	75736
Ion	Ratio	Lower	Upper
164	100		
129	89.2	62.4	116.0
131	86.7	60.7	112.7
166	127.2	89.0	165.4

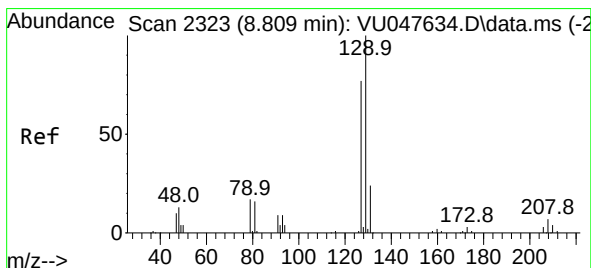
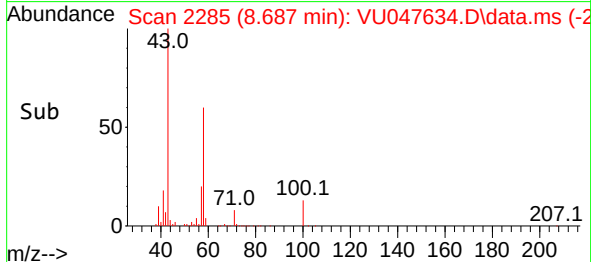
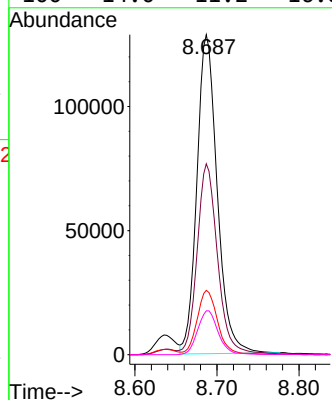
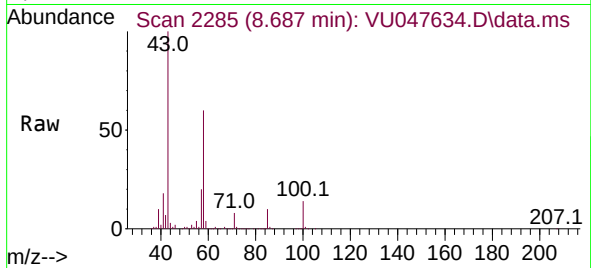




#48
2-Hexanone
Concen: 83.271 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

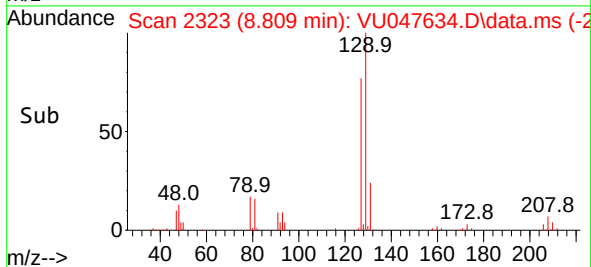
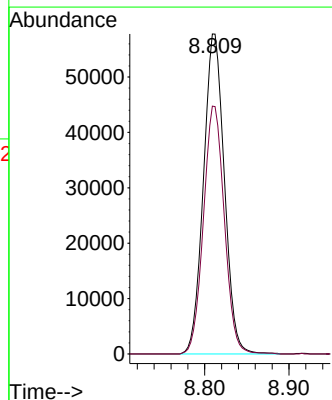
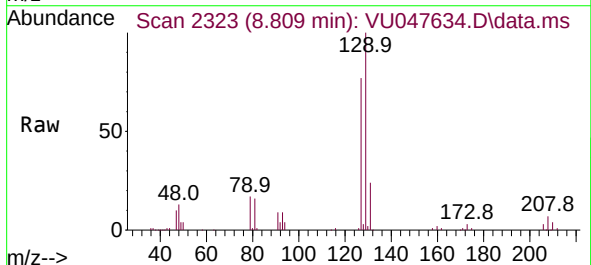
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

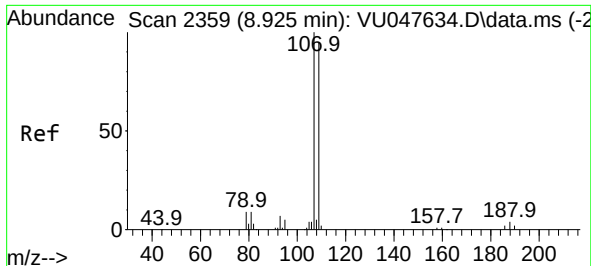
Tgt Ion: 43 Resp: 221487
Ion Ratio Lower Upper
43 100
58 60.1 48.1 72.1
57 20.3 16.2 24.4
100 14.0 11.2 16.8



#49
Dibromochloromethane
Concen: 45.386 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 129 Resp: 99817
Ion Ratio Lower Upper
129 100
127 77.4 54.2 100.6





#50

1,2-Dibromoethane

Concen: 43.020 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

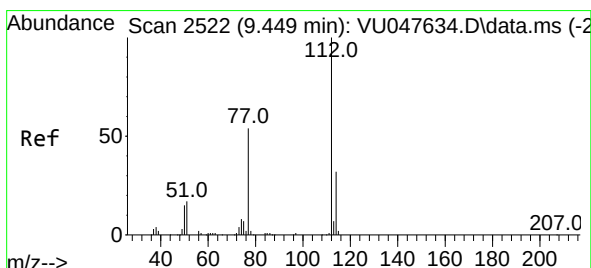
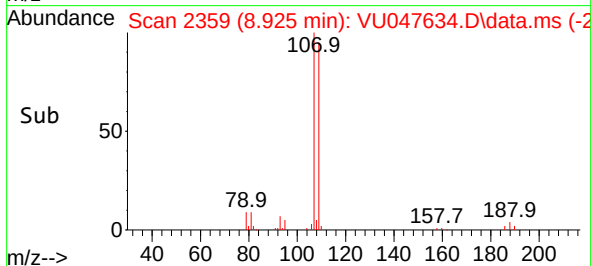
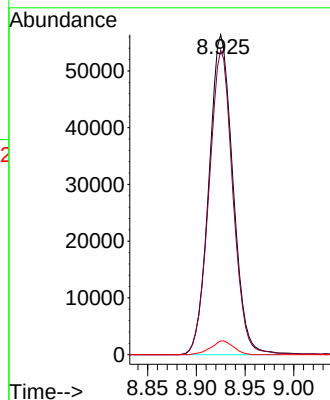
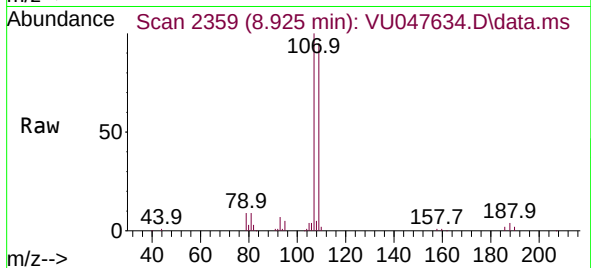
Tgt Ion:107 Resp: 96629

Ion Ratio Lower Upper

107 100

109 95.1 66.6 123.6

188 4.3 3.4 5.2



#51

Chlorobenzene

Concen: 42.424 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

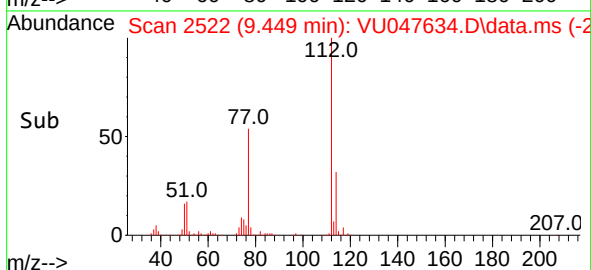
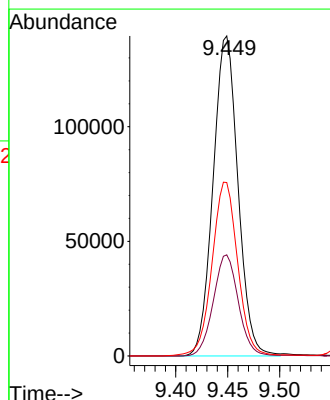
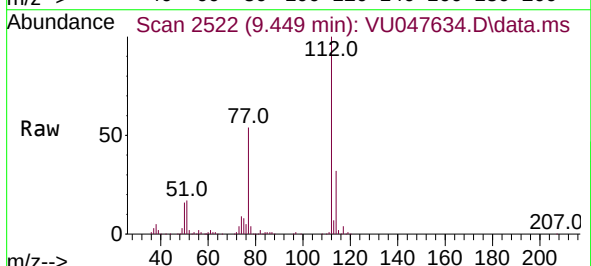
Tgt Ion:112 Resp: 232406

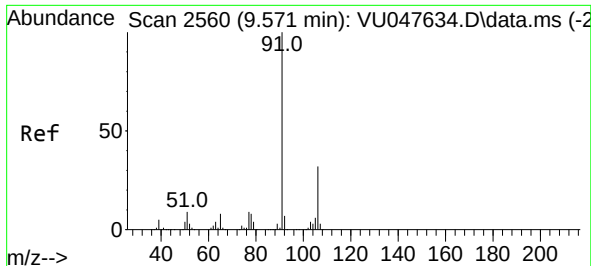
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 54.2 43.4 65.0

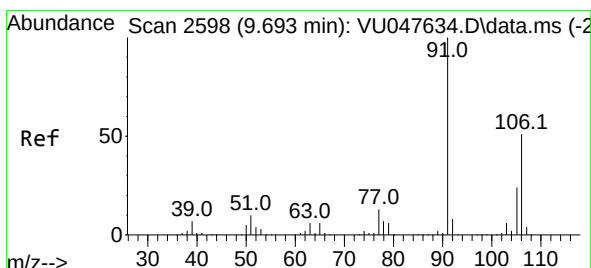
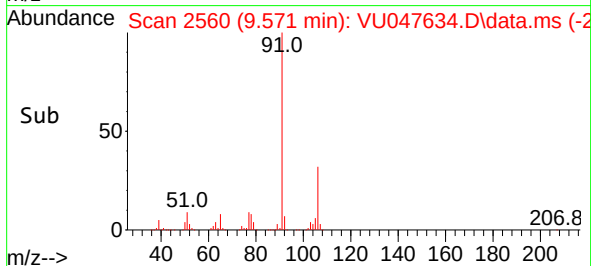
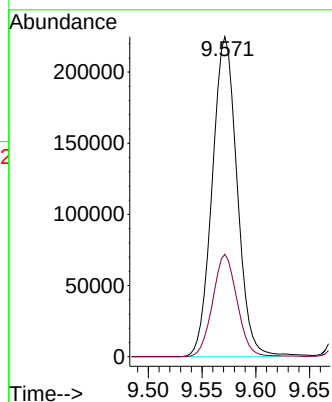
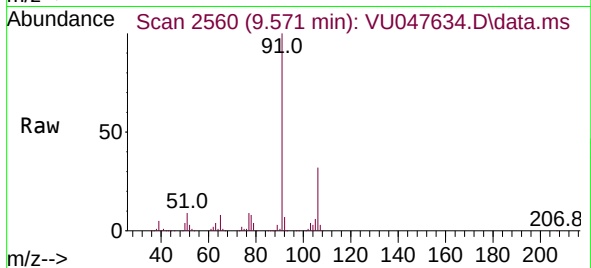




#52
Ethylbenzene
Concen: 40.530 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

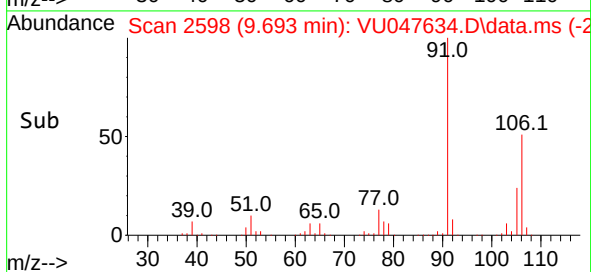
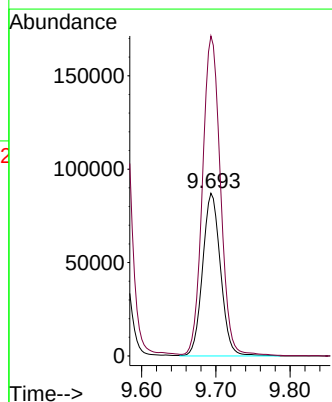
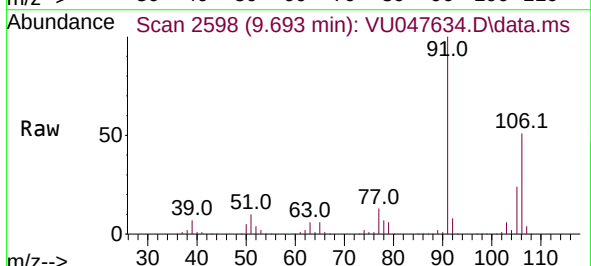
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

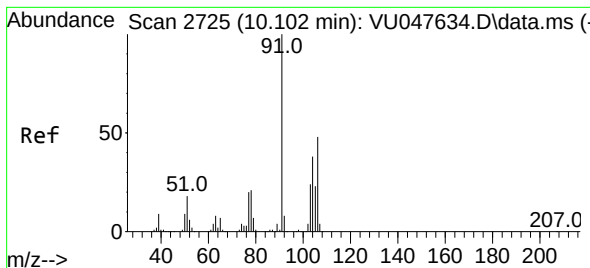
Tgt Ion: 91 Resp: 361314
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 41.790 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 106 Resp: 146004
Ion Ratio Lower Upper
106 100
91 196.7 137.7 255.7





#54

o-Xylene

Concen: 42.239 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

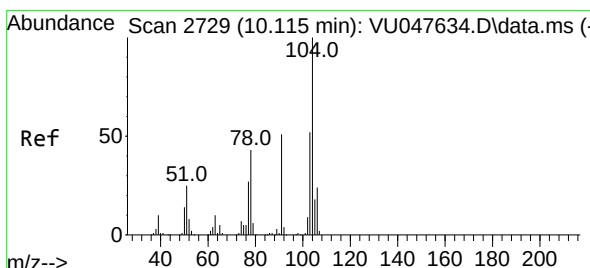
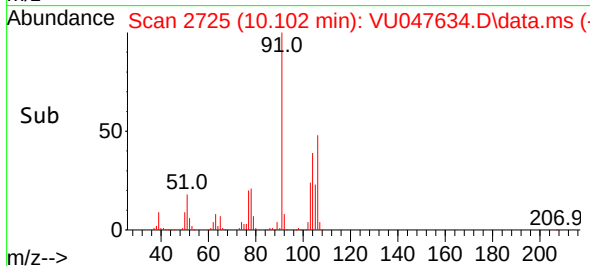
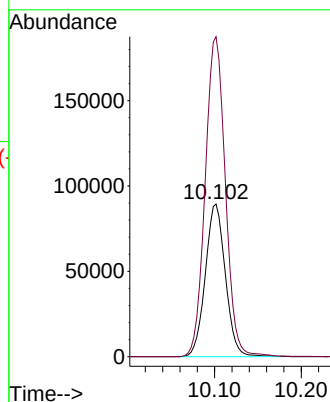
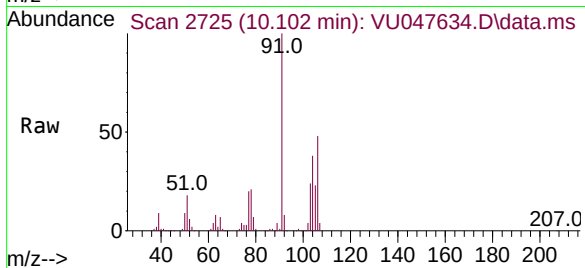
VSTD050051

Tgt Ion:106 Resp: 143907

Ion Ratio Lower Upper

106 100

91 209.6 146.7 272.5



#55

Styrene

Concen: 42.651 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047634.D

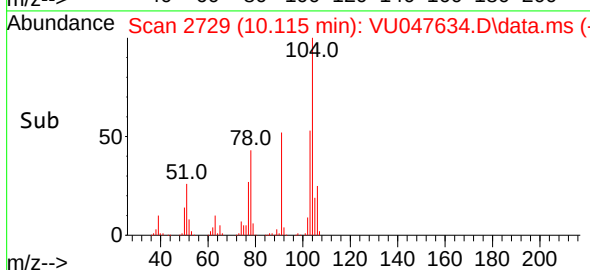
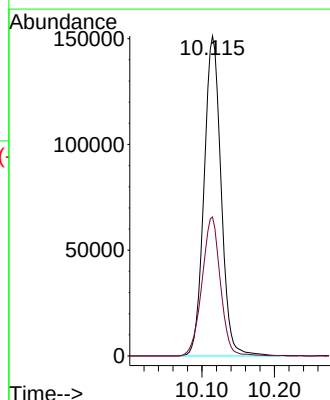
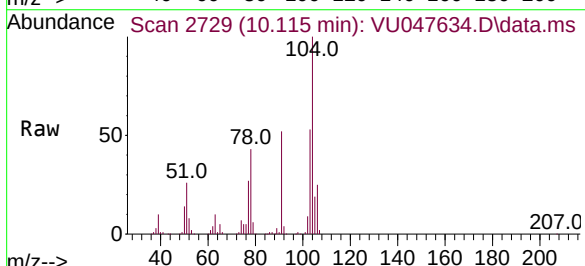
Acq: 24 Mar 2022 13:27

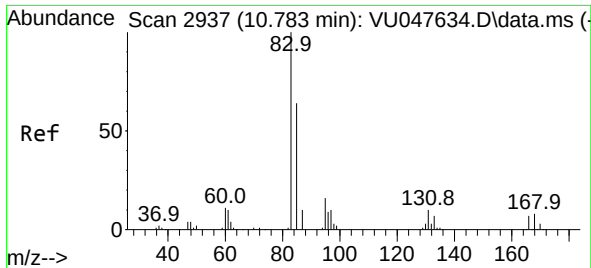
Tgt Ion:104 Resp: 247018

Ion Ratio Lower Upper

104 100

78 43.4 30.4 56.4

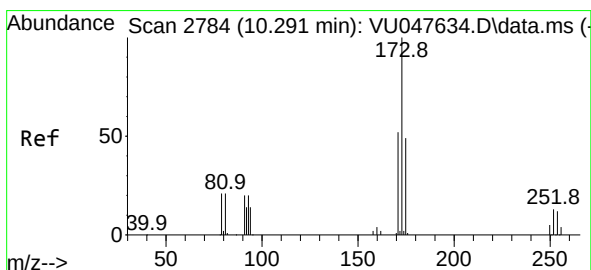
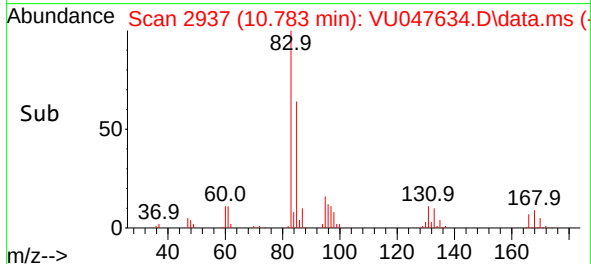
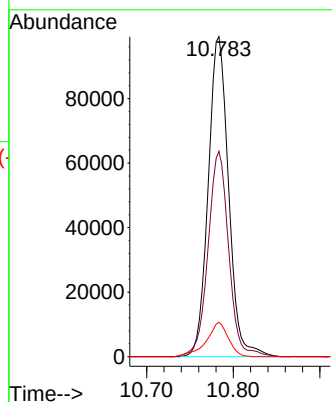
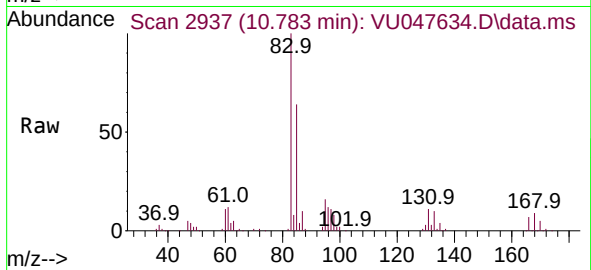




#57
1,1,2,2-Tetrachloroethane
Concen: 44.844 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

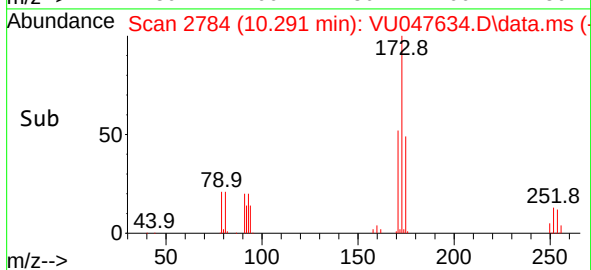
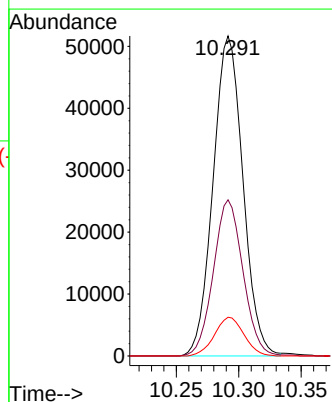
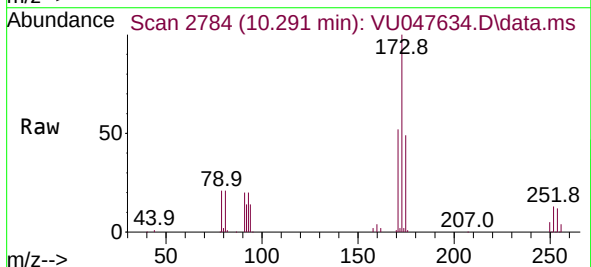
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

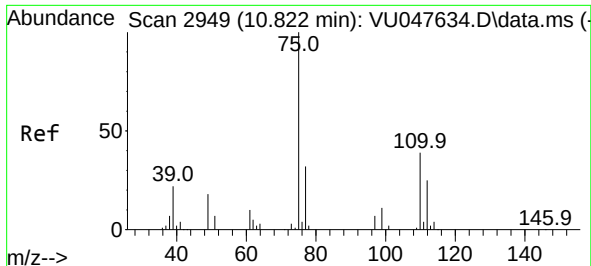
Tgt Ion: 83 Resp: 162153
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3
131 10.8 8.6 13.0



#59
Bromoform
Concen: 44.673 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion:173 Resp: 86073
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 12.0 9.6 14.4

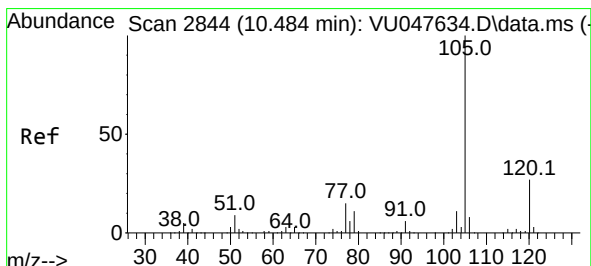
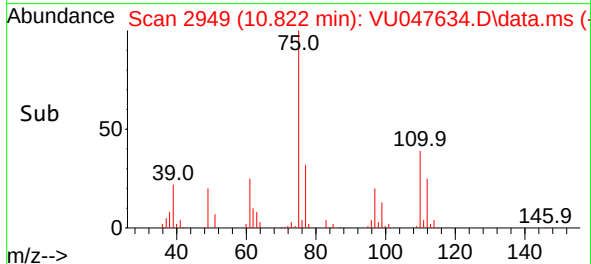
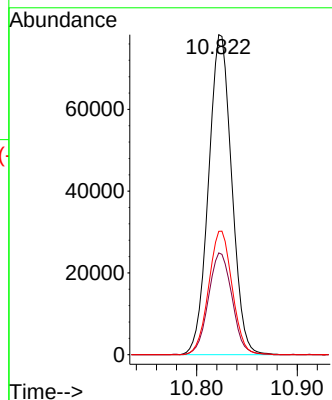
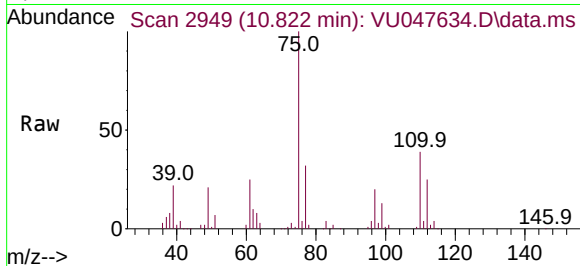




#60
1,2,3-Trichloropropane
Concen: 36.065 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

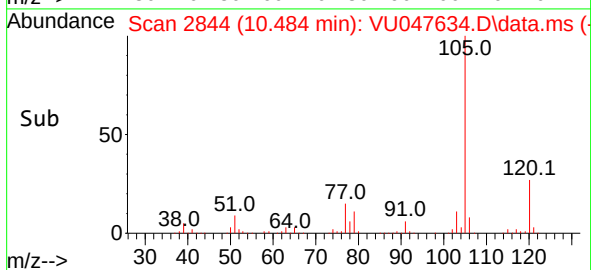
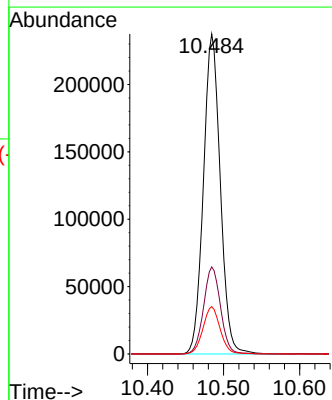
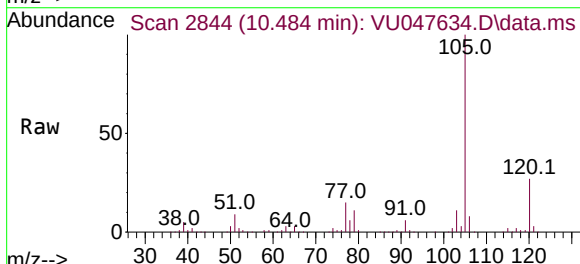
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

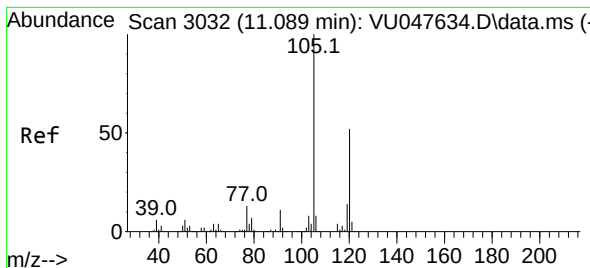
Tgt Ion:	75	Resp:	125329
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
110	39.3	31.4	47.2



#61
Isopropylbenzene
Concen: 36.172 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion:	105	Resp:	365032
Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.9	32.9
77	15.1	12.1	18.1





#62

1,3,5-Trimethylbenzene

Concen: 24.076 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

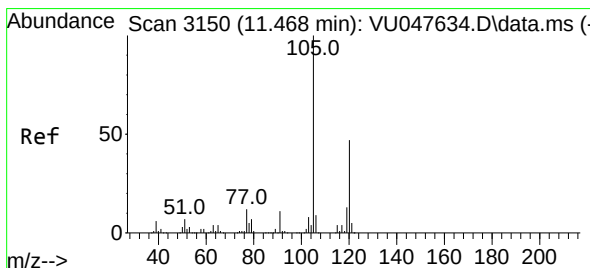
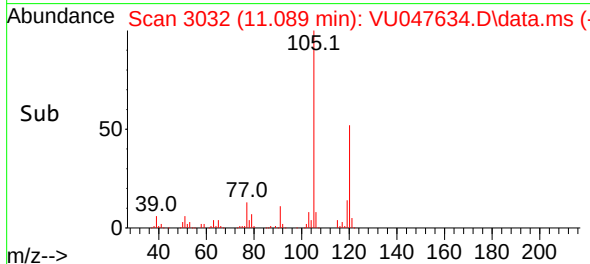
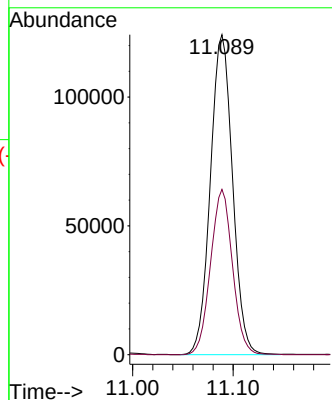
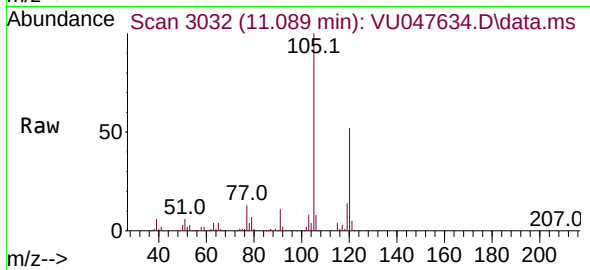
VSTD050051

Tgt Ion:105 Resp: 190385

Ion Ratio Lower Upper

105 100

120 51.0 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 36.176 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047634.D

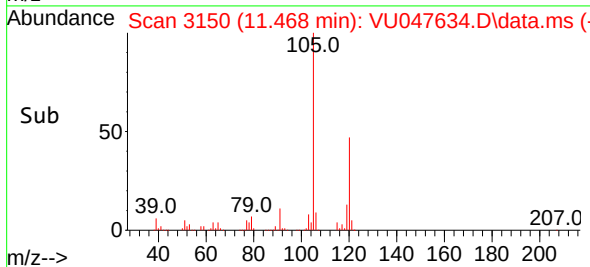
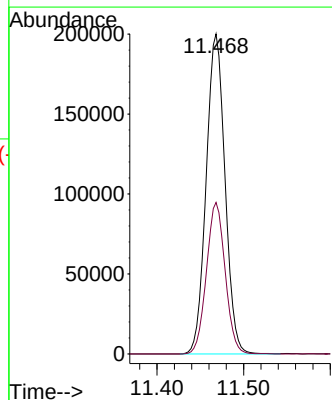
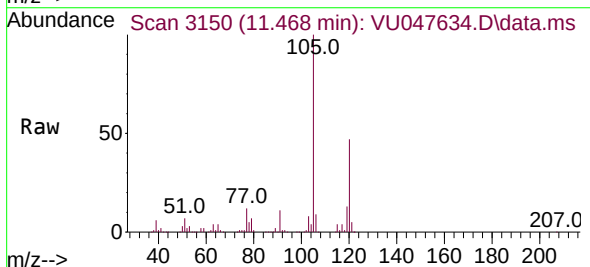
Acq: 24 Mar 2022 13:27

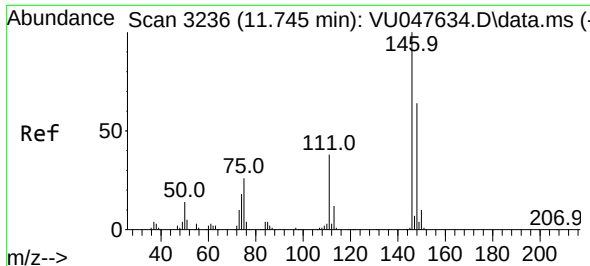
Tgt Ion:105 Resp: 302194

Ion Ratio Lower Upper

105 100

120 47.0 37.6 56.4

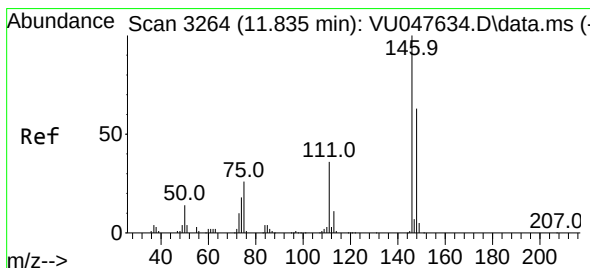
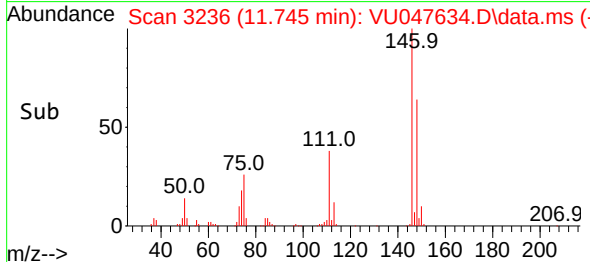
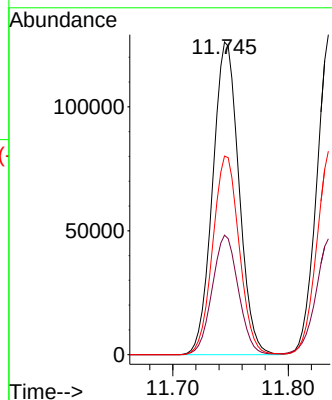
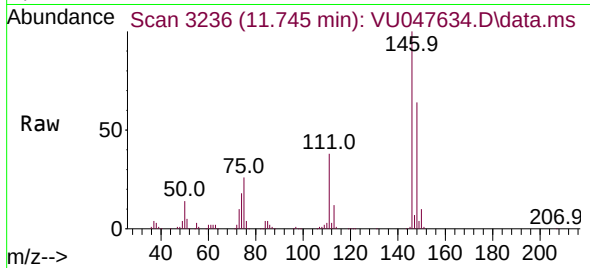




#64
 1,3-Dichlorobenzene
 Concen: 40.456 ug/L
 RT: 11.745 min Scan# 3236
 Delta R.T. 0.000 min
 Lab File: VU047634.D
 Acq: 24 Mar 2022 13:27

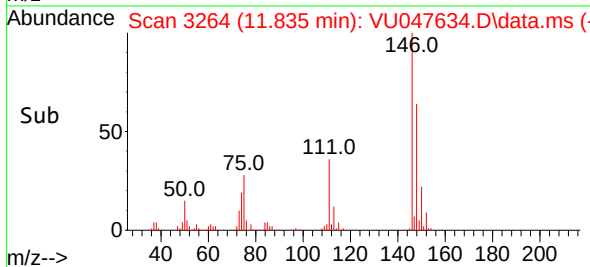
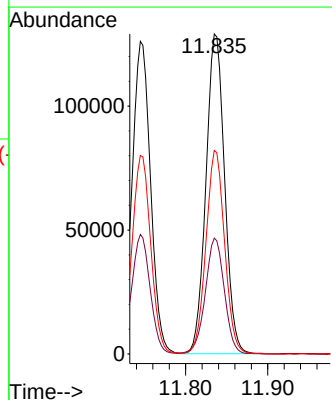
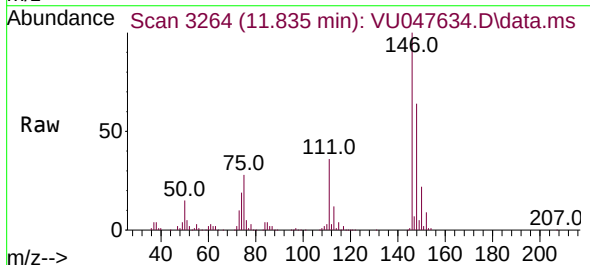
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050051

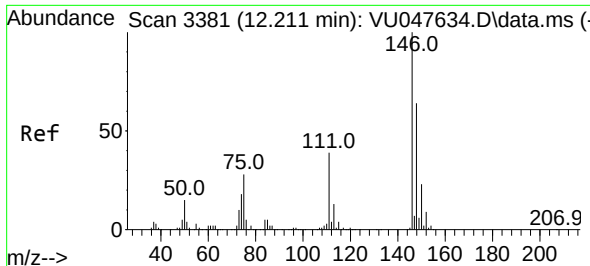
Tgt Ion:146 Resp: 199669
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.7 49.7
 148 63.5 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 39.916 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU047634.D
 Acq: 24 Mar 2022 13:27

Tgt Ion:146 Resp: 203832
 Ion Ratio Lower Upper
 146 100
 111 36.2 25.3 47.1
 148 63.6 44.5 82.7

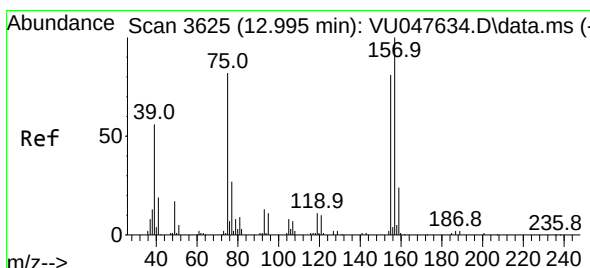
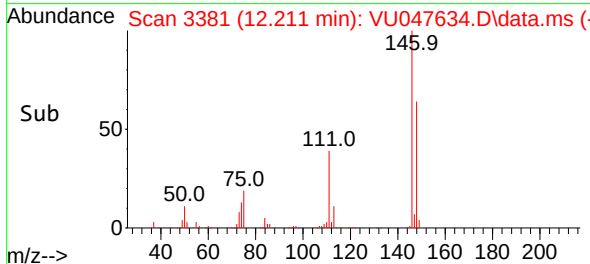
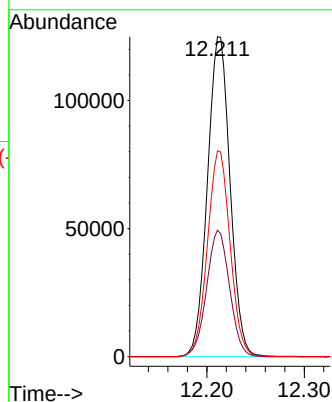
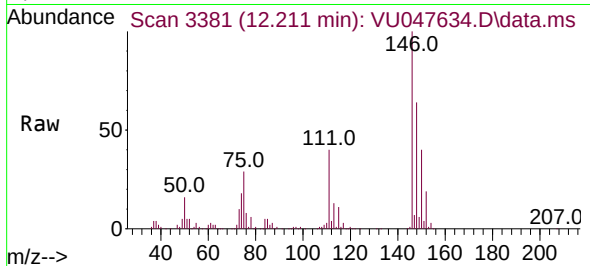




#67
1,2-Dichlorobenzene
Concen: 40.438 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

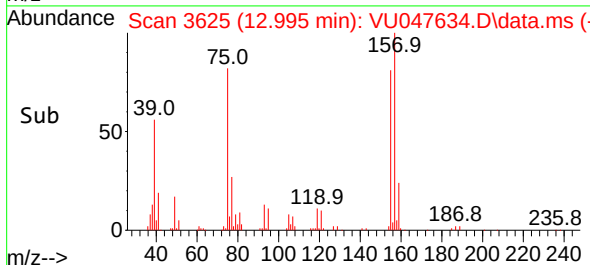
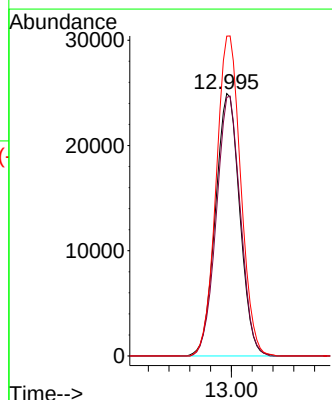
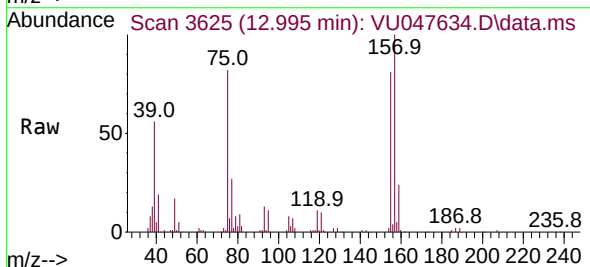
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

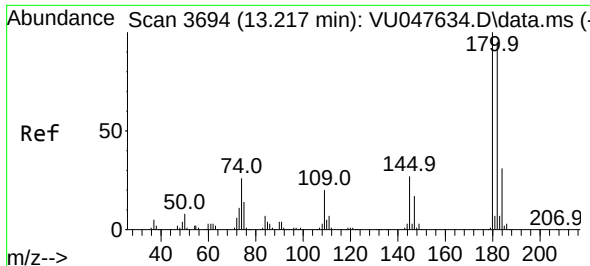
Tgt Ion:146 Resp: 201590
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 64.3 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 42.568 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion: 75 Resp: 40534
Ion Ratio Lower Upper
75 100
155 98.6 78.9 118.3
157 121.9 97.5 146.3





#69

1,3,5-Trichlorobenzene

Concen: 43.758 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

Tgt Ion:180 Resp: 159613

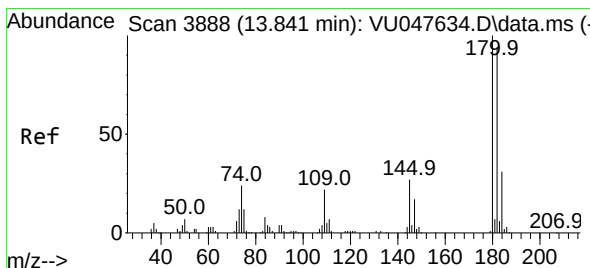
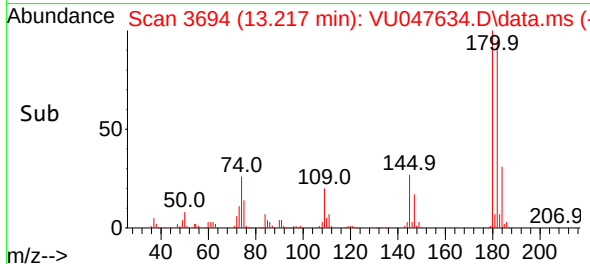
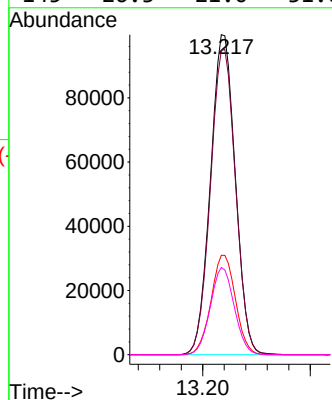
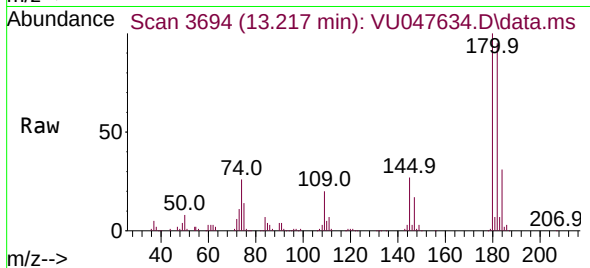
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 30.6 24.5 36.7

145 26.3 21.0 31.6



#70

1,2,4-trichlorobenzene

Concen: 43.420 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047634.D

Acq: 24 Mar 2022 13:27

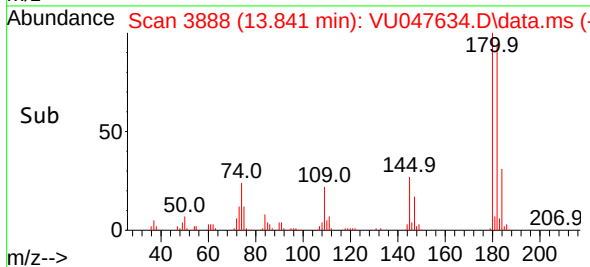
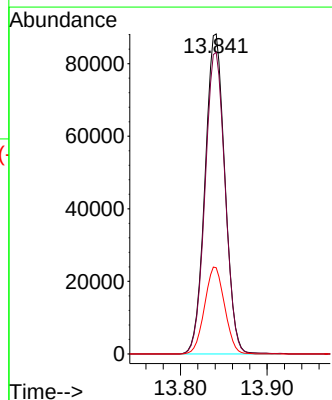
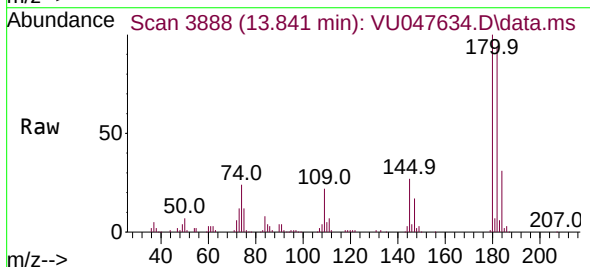
Tgt Ion:180 Resp: 140418

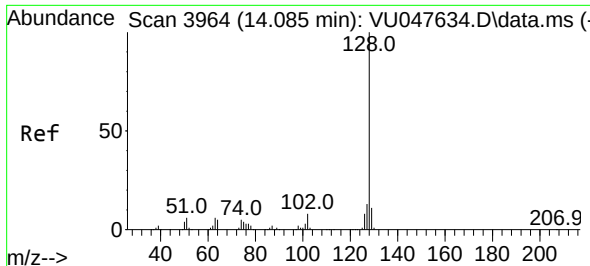
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 27.3 21.8 32.8

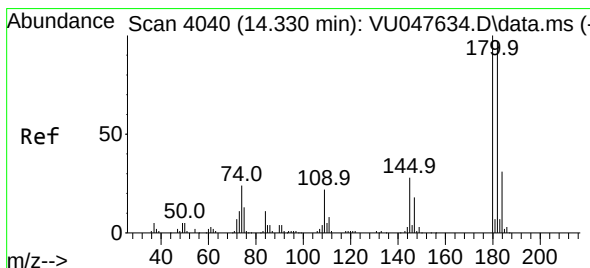
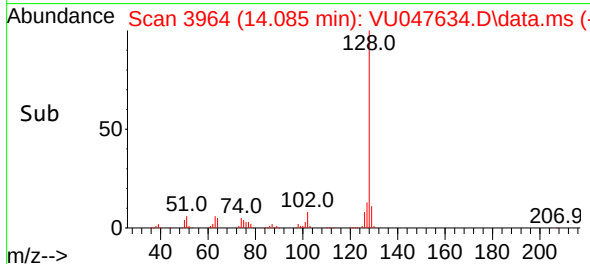
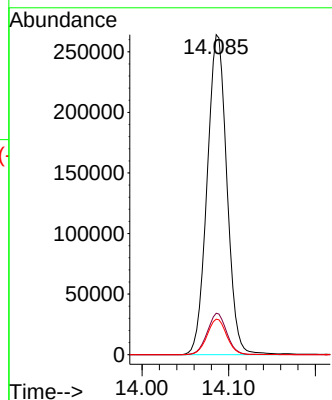
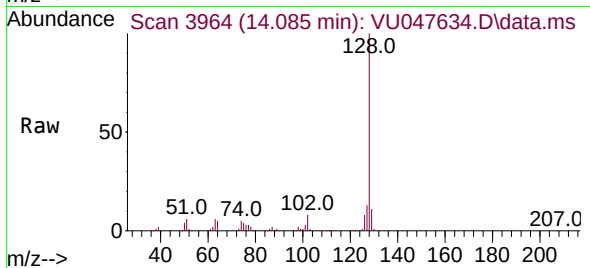




#71
Naphthalene
Concen: 38.680 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

Tgt Ion:128 Resp: 418337
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 43.538 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047634.D
Acq: 24 Mar 2022 13:27

Tgt Ion:180 Resp: 142606
Ion Ratio Lower Upper
180 100
182 96.7 77.4 116.0
145 28.5 22.8 34.2

