

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047533.D
 Acq On : 14 Mar 2022 14:11
 Operator : SY/MD
 Sample : VSTD00521
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

Quant Time: Mar 15 05:15:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:13:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	154587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	152218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	52328	5.176	ug/L	0.00
7) Chloroethane-d5	1.919	69	46978	5.120	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	23926	5.047	ug/L	0.00
20) 2-Butanone-d5	4.639	46	138437	47.590	ug/L	0.00
24) Chloroform-d	5.067	84	113634	5.119	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	60072	4.994	ug/L	0.00
32) Benzene-d6	5.729	84	226210	5.105	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	70565	5.064	ug/L	0.00
41) Toluene-d8	7.899	98	215679	5.191	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	30360	5.182	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	154064	50.732	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	68363	4.913	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	88265	4.820	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	51540	5.419	ug/L	100
3) Chloromethane	1.523	50	47485	5.091	ug/L	100
5) Vinyl chloride	1.607	62	49482	5.144	ug/L	100
6) Bromomethane	1.861	94	22873	5.054	ug/L	100
8) Chloroethane	1.938	64	29917	5.146	ug/L	100
9) Trichlorofluoromethane	2.144	101	67266	5.334	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	43393	5.450	ug/L	100
12) 1,1-Dichloroethene	2.584	96	40027	5.198	ug/L	100
13) Acetone	2.655	43	51837	45.703	ug/L	100
14) Carbon disulfide	2.800	76	116435	5.025	ug/L	100
15) Methyl Acetate	2.964	43	15143	4.841	ug/L	100
16) Methylene chloride	3.051	84	50904	4.481	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	100954	5.109	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	42178	5.095	ug/L	100
19) 1,1-Dichloroethane	3.877	63	75940	5.215	ug/L	100
21) 2-Butanone	4.719	43	101868	47.206	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	47477	5.169	ug/L	100
23) Bromochloromethane	4.980	128	24593	5.276	ug/L	100
25) Chloroform	5.092	83	81235	5.074	ug/L	100
27) 1,2-Dichloroethane	5.796	62	52346	5.112	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	70468	5.206	ug/L	100
30) Cyclohexane	5.395	56	62312	5.331	ug/L	100
31) Carbon tetrachloride	5.530	117	62368	5.238	ug/L	100
33) Benzene	5.777	78	178200	5.181	ug/L	100
34) Trichloroethene	6.542	95	46730	5.127	ug/L	100
35) Methylcyclohexane	6.764	83	71209	5.429	ug/L	100
37) 1,2-Dichloropropane	6.793	63	44897	5.094	ug/L	100
38) Bromodichloromethane	7.108	83	62713	5.167	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	69578	5.080	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	305895	49.790	ug/L	100
42) Toluene	7.970	91	195415	5.241	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	62659	5.128	ug/L	100

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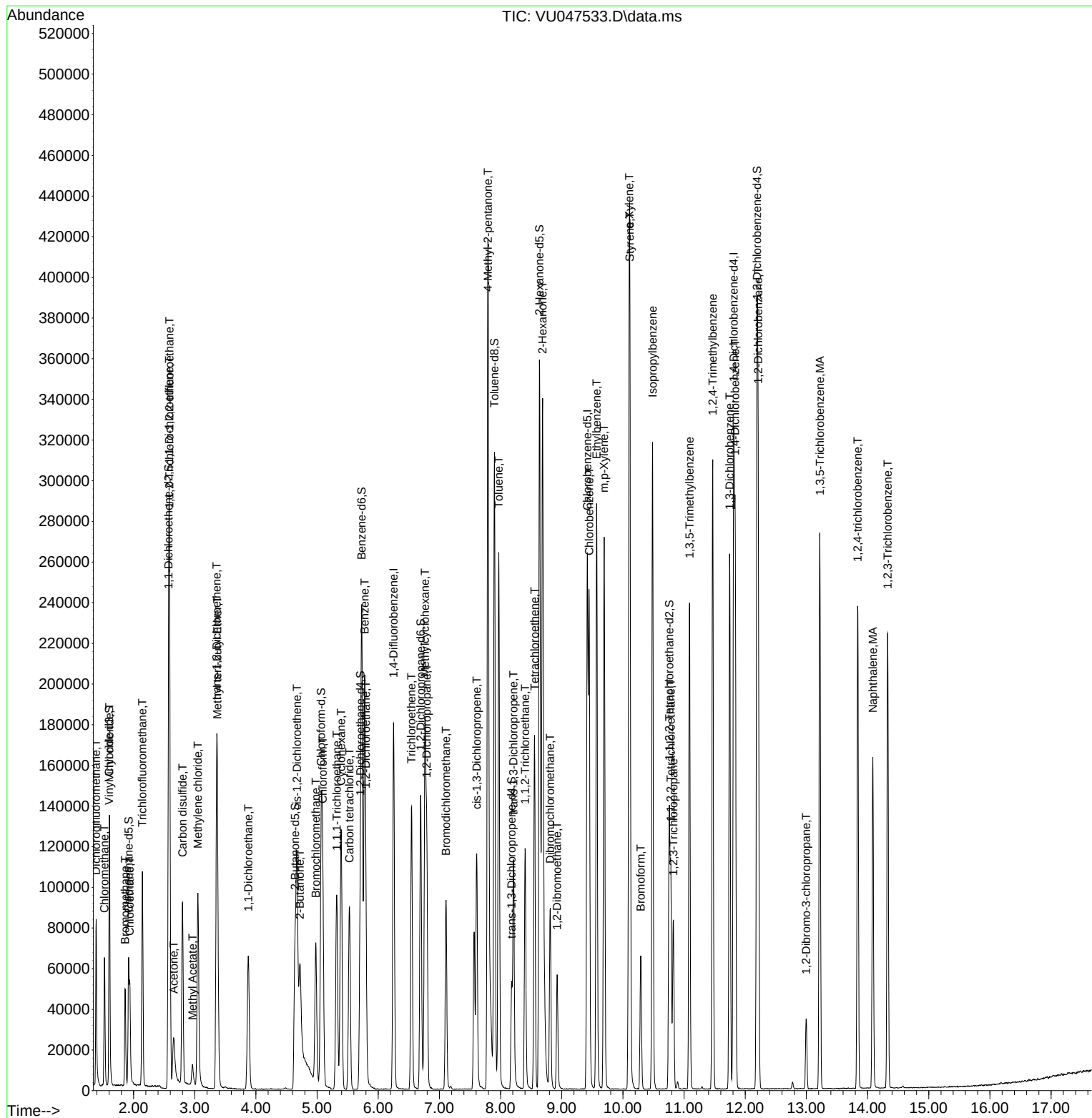
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	38169	5.051	ug/L	100
47) Tetrachloroethene	8.555	164	41117	5.289	ug/L	100
48) 2-Hexanone	8.687	43	232736	49.775	ug/L	100
49) Dibromochloromethane	8.812	129	48164	5.175	ug/L	100
50) 1,2-Dibromoethane	8.925	107	38186	5.111	ug/L	100
51) Chlorobenzene	9.449	112	131006	5.144	ug/L	100
52) Ethylbenzene	9.571	91	204102	5.169	ug/L	100
53) m,p-Xylene	9.693	106	80333	5.262	ug/L	100
54) o-Xylene	10.102	106	78573	5.209	ug/L	100
55) Styrene	10.115	104	135615	5.235	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	50565	4.991	ug/L	100
59) Bromoform	10.291	173	31113	5.032	ug/L	100
60) Isopropylbenzene	10.484	105	203567	5.142	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	35264	4.797	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	128919	5.100	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	166661	5.079	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	110227	4.992	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	111002	4.921	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	106352	4.871	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	8569	4.859	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	91084	4.880	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	77787	4.737	ug/L	100
71) Naphthalene	14.086	128	133498	4.380	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	72572	4.606	ug/L	100

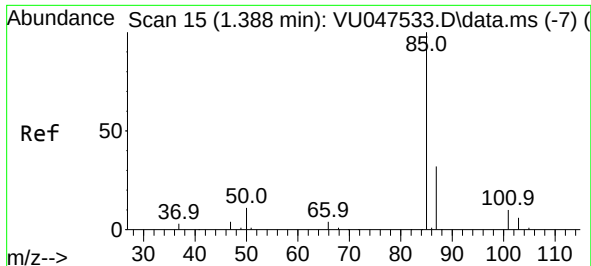
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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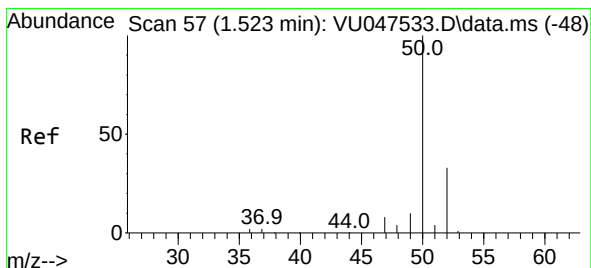
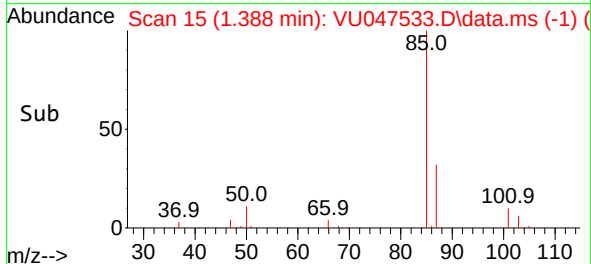
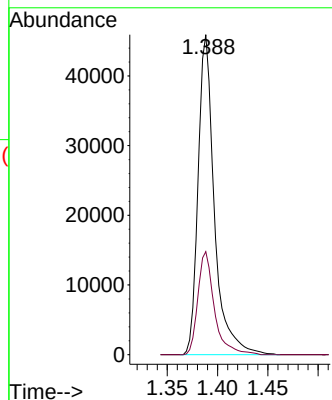
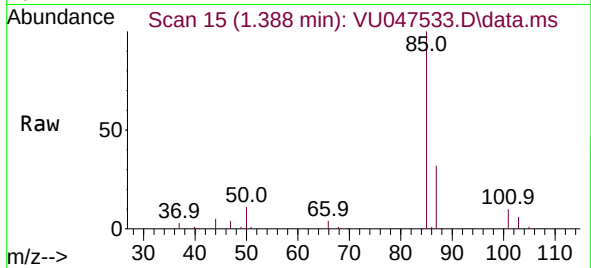




#2
Dichlorodifluoromethane
Concen: 5.419 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

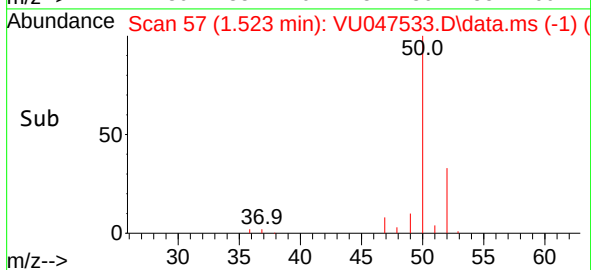
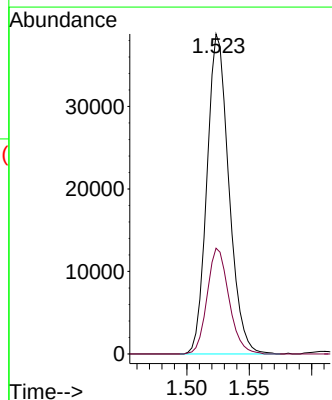
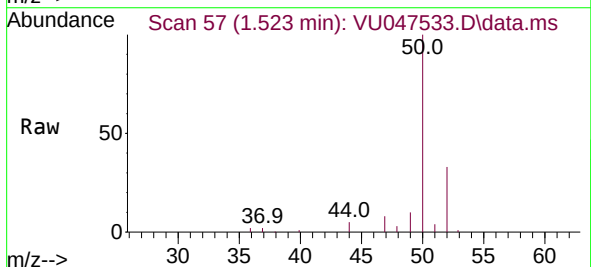
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

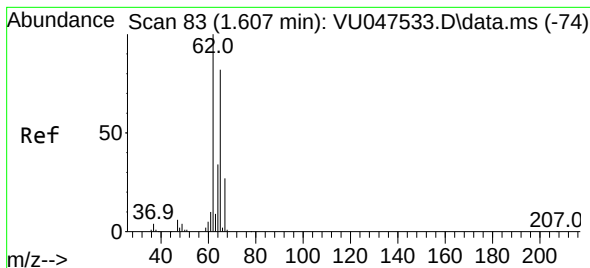
Tgt Ion: 85 Resp: 51540
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 5.091 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 50 Resp: 47485
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.0





#5

Vinyl chloride

Concen: 5.144 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

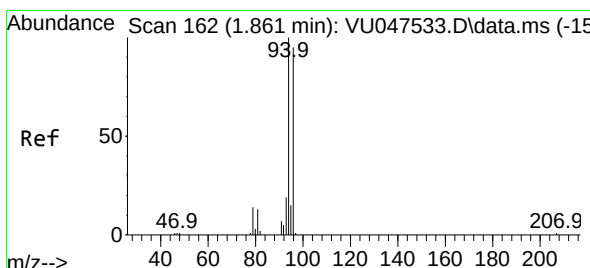
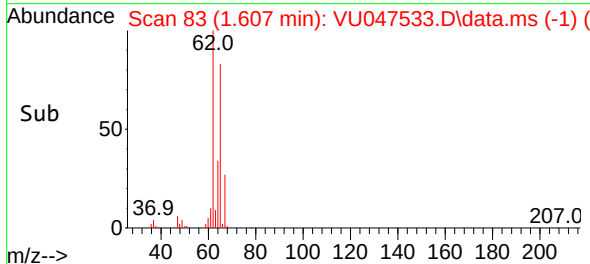
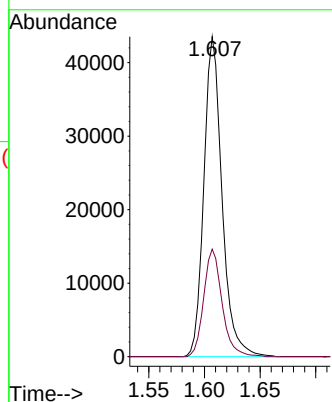
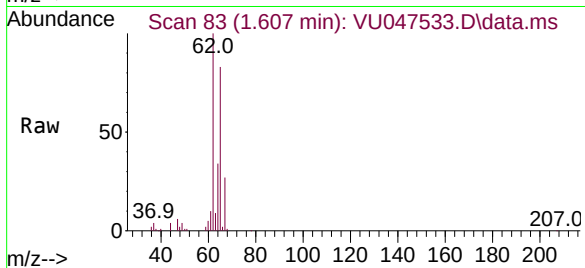
VSTD005021

Tgt Ion: 62 Resp: 49482

Ion Ratio Lower Upper

62 100

64 33.6 23.5 43.7



#6

Bromomethane

Concen: 5.054 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU047533.D

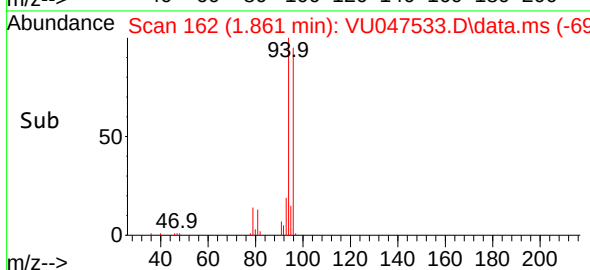
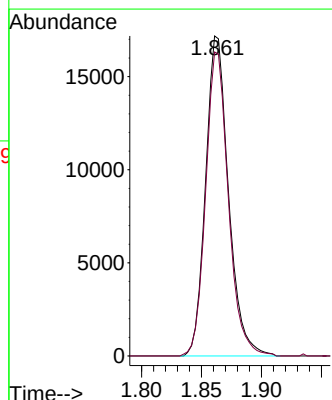
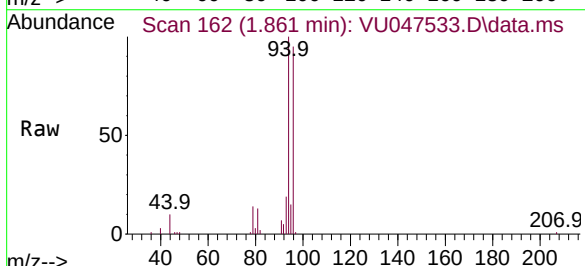
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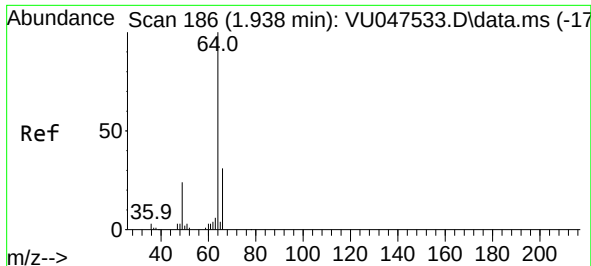
Tgt Ion: 94 Resp: 22873

Ion Ratio Lower Upper

94 100

96 95.0 66.5 123.5

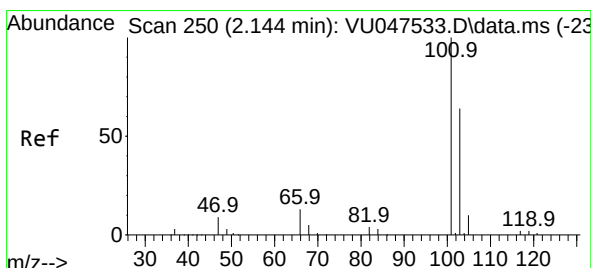
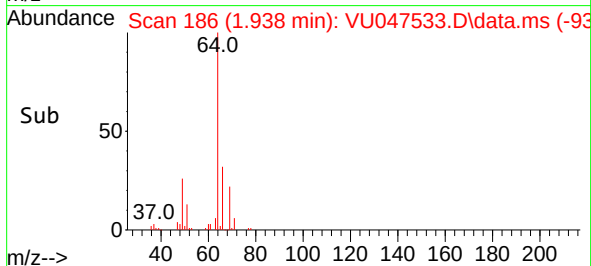
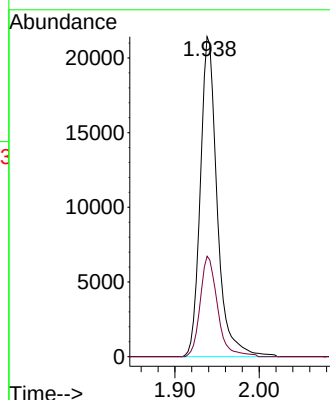
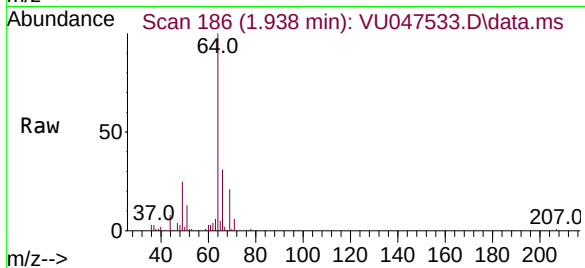




#8
Chloroethane
Concen: 5.146 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

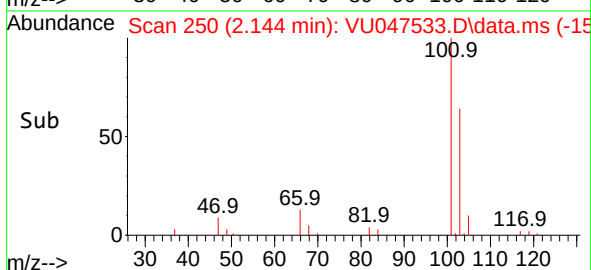
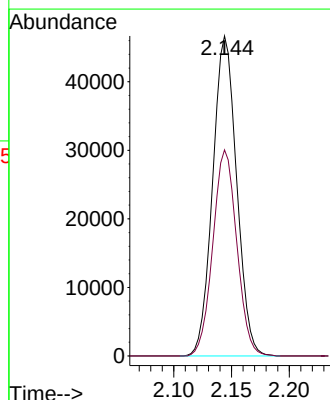
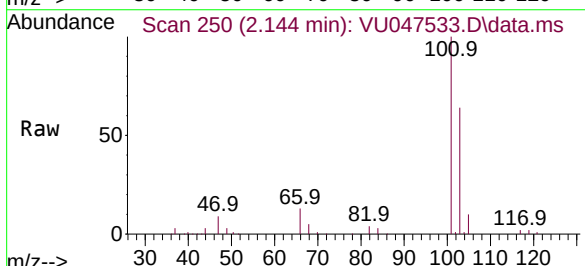
Instrument :
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VSTD005021

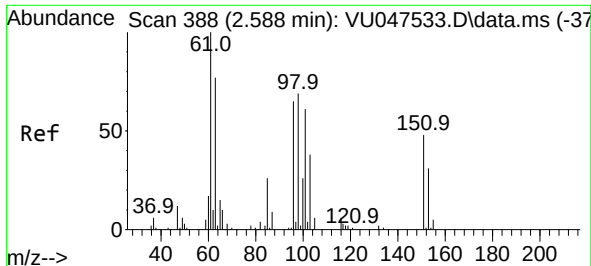
Tgt Ion: 64 Resp: 29917
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.334 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 101 Resp: 67266
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2





#10

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

Concen: 5.450 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

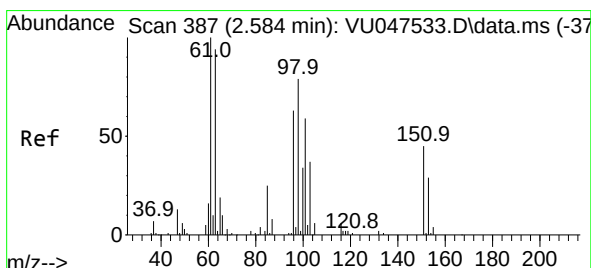
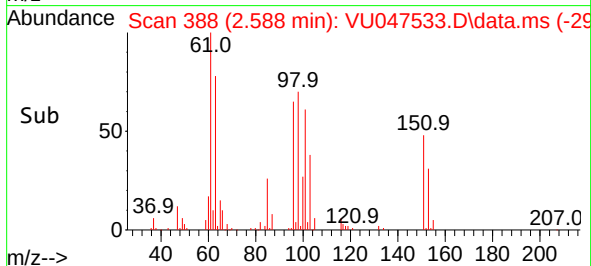
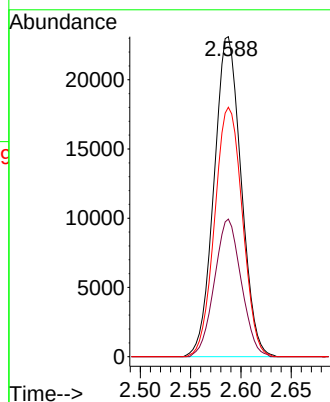
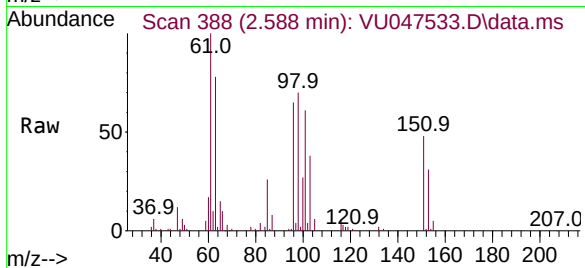
Tgt Ion:101 Resp: 43393

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

151 79.7 63.8 95.6



#12

1,1-Dichloroethene

Concen: 5.198 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

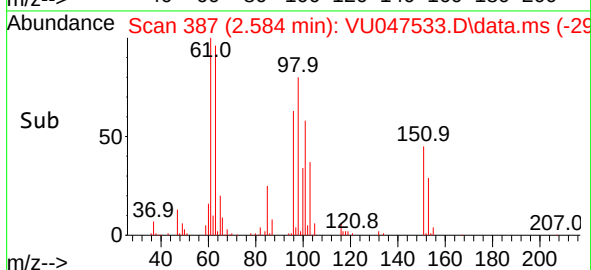
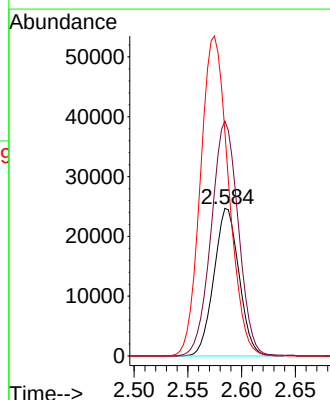
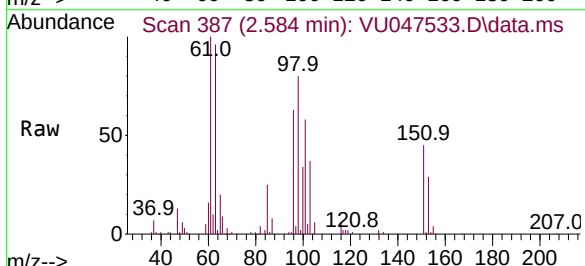
Tgt Ion: 96 Resp: 40027

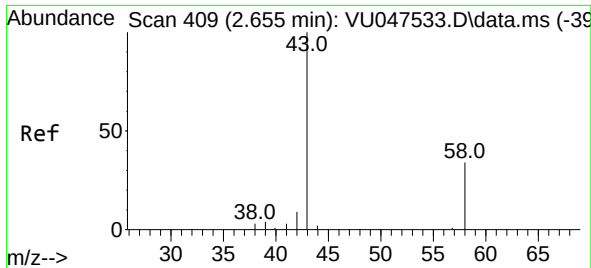
Ion Ratio Lower Upper

96 100

61 159.2 111.4 207.0

63 152.3 106.6 198.0





#13

Acetone

Concen: 45.703 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

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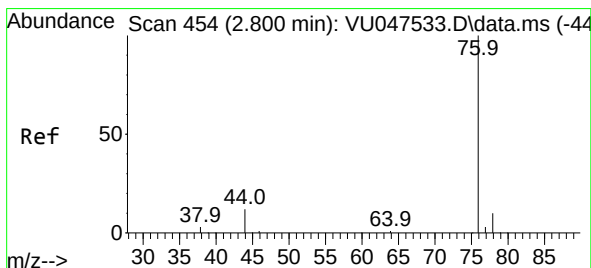
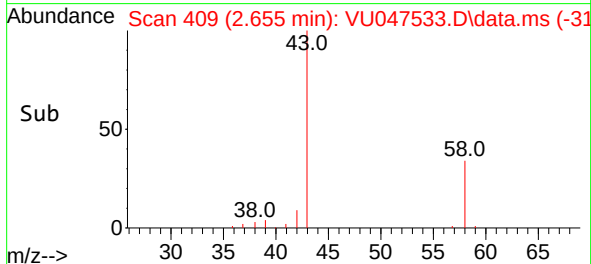
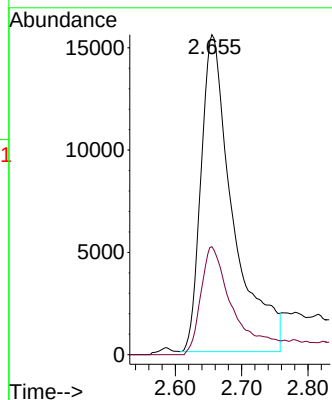
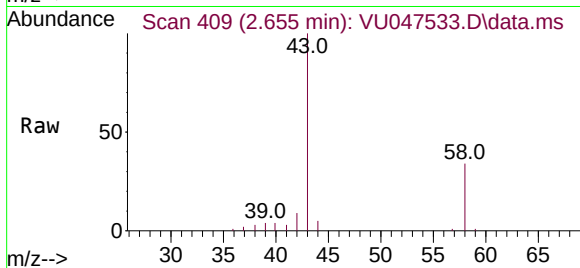
VSTD005021

Tgt Ion: 43 Resp: 51837

Ion Ratio Lower Upper

43 100

58 34.7 0.0 69.4



#14

Carbon disulfide

Concen: 5.025 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047533.D

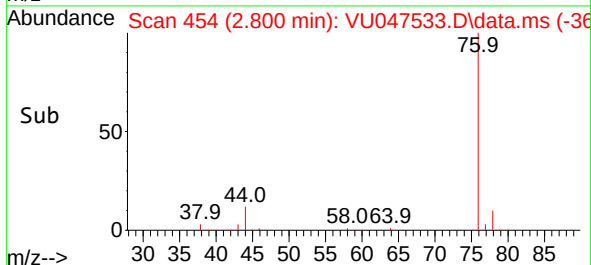
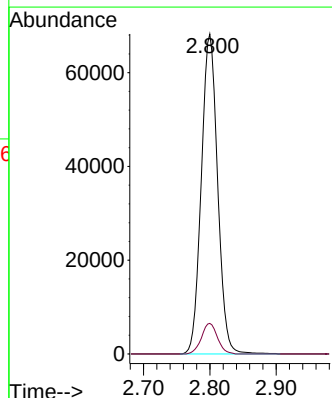
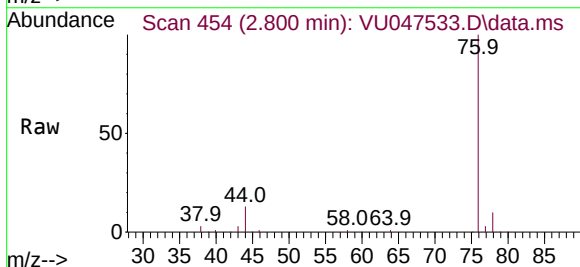
Acq: 14 Mar 2022 14:11

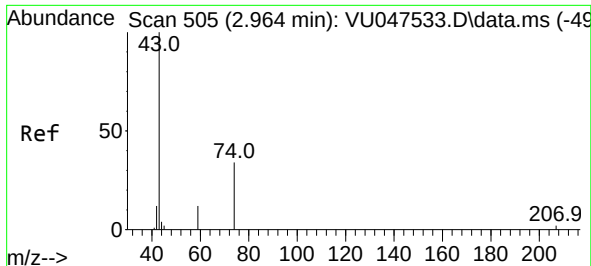
Tgt Ion: 76 Resp: 116435

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

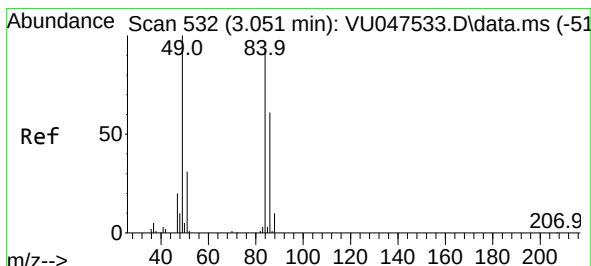
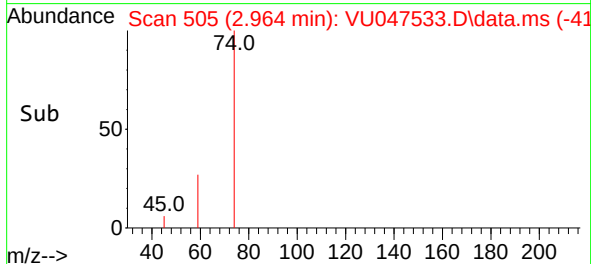
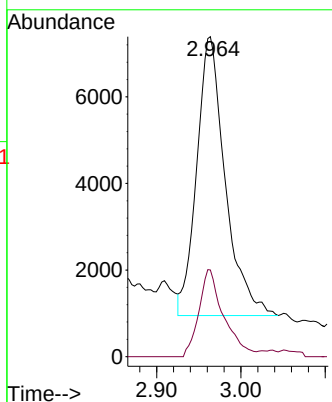
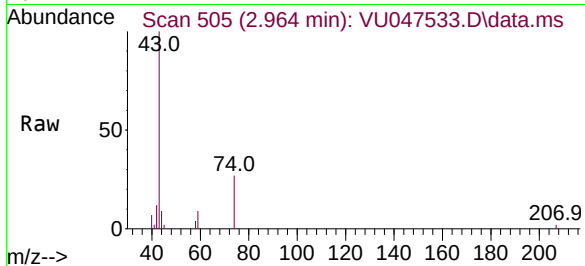




#15
Methyl Acetate
Concen: 4.841 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

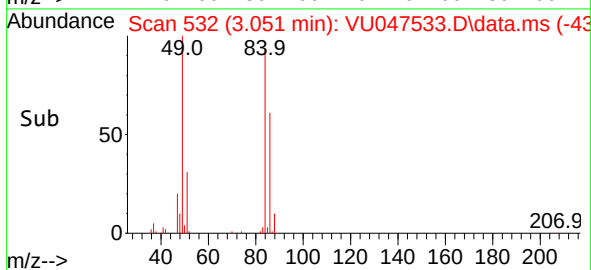
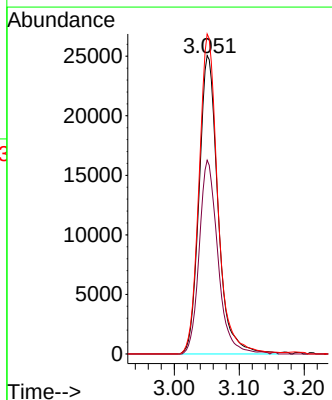
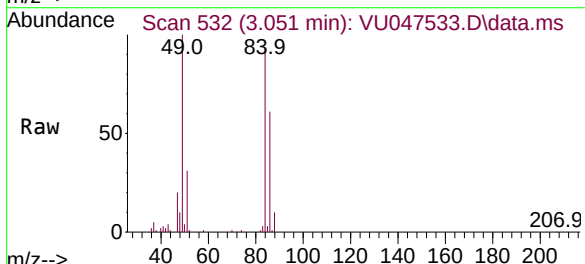
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

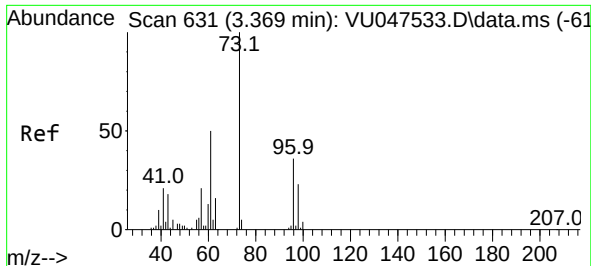
Tgt Ion: 43 Resp: 15143
Ion Ratio Lower Upper
43 100
74 27.2 21.8 32.6



#16
Methylene chloride
Concen: 4.481 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 84 Resp: 50904
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 107.2 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.109 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

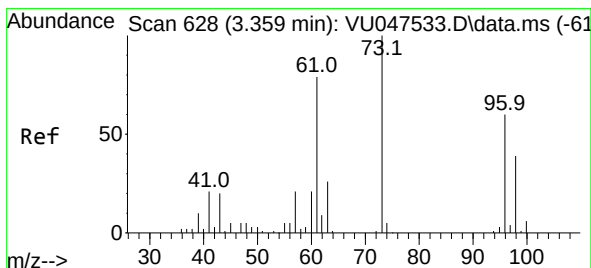
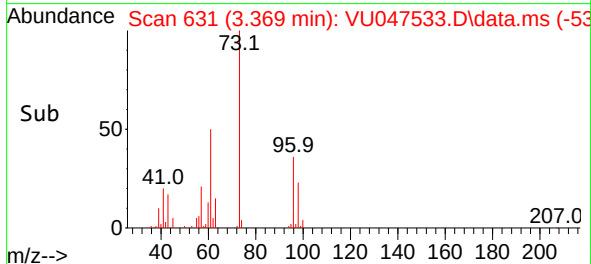
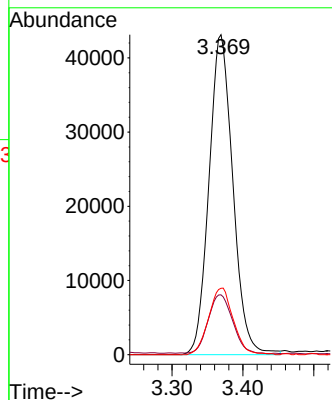
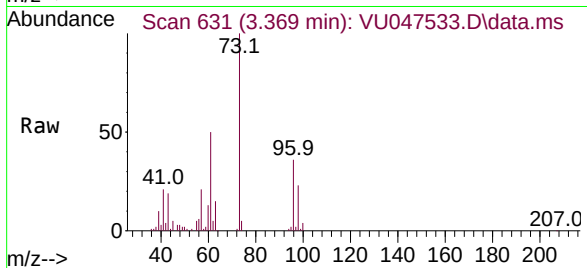
Tgt Ion: 73 Resp: 100954

Ion Ratio Lower Upper

73 100

43 19.0 15.2 22.8

57 21.5 17.2 25.8



#18

trans-1,2-Dichloroethene

Concen: 5.095 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

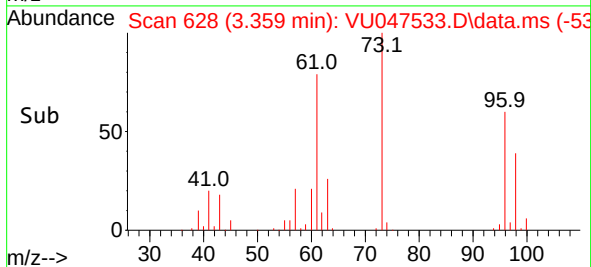
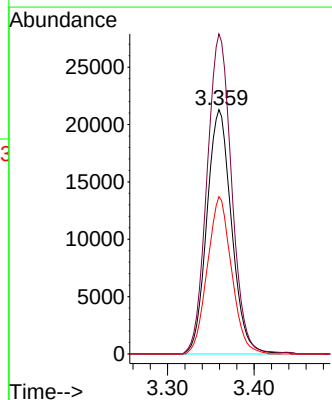
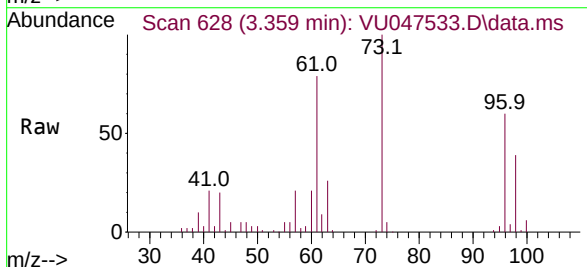
Tgt Ion: 96 Resp: 42178

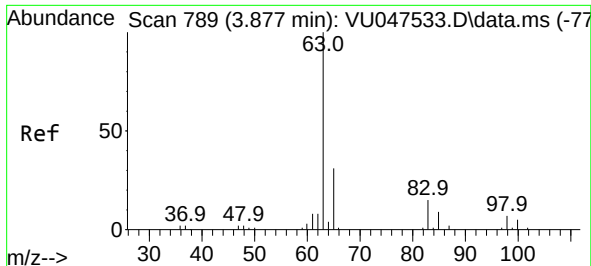
Ion Ratio Lower Upper

96 100

61 131.0 91.7 170.3

98 64.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.215 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

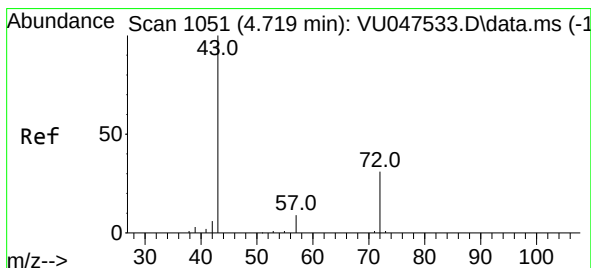
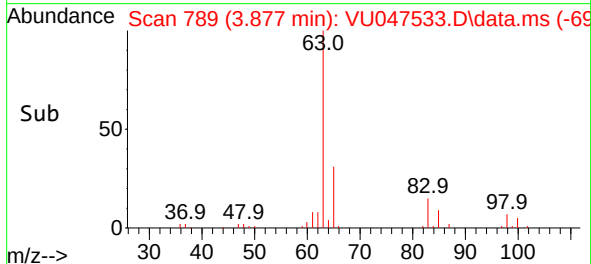
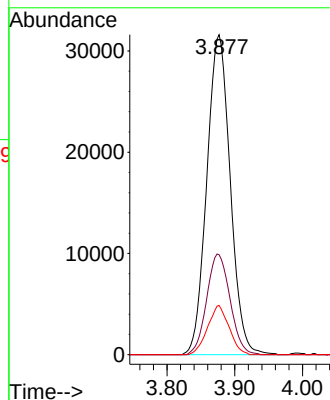
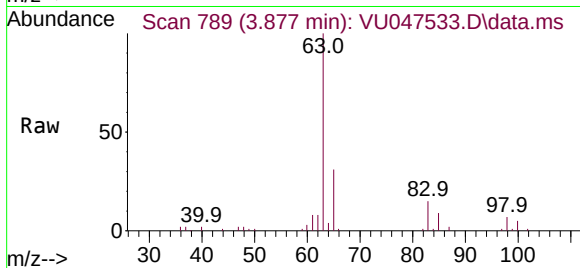
Tgt Ion: 63 Resp: 75940

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 15.4 10.8 20.0



#21

2-Butanone

Concen: 47.206 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VU047533.D

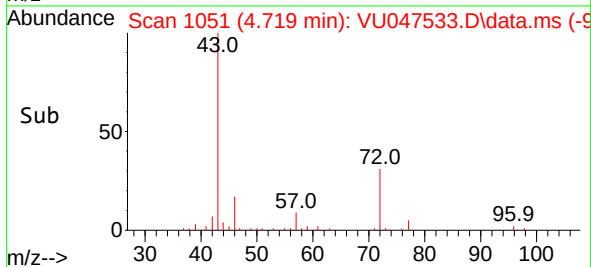
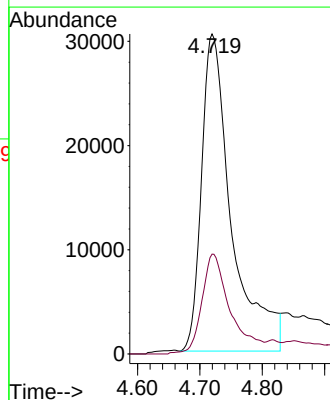
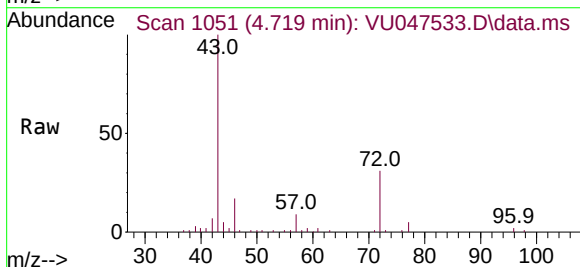
Acq: 14 Mar 2022 14:11

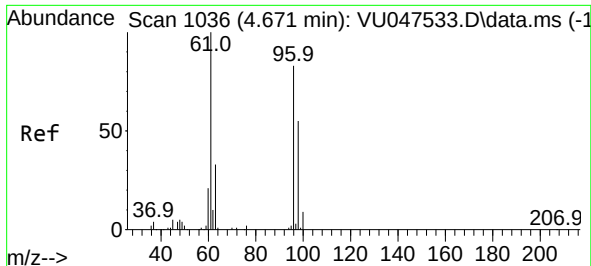
Tgt Ion: 43 Resp: 101868

Ion Ratio Lower Upper

43 100

72 29.8 14.9 44.7

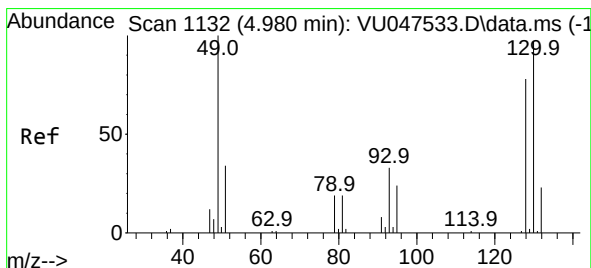
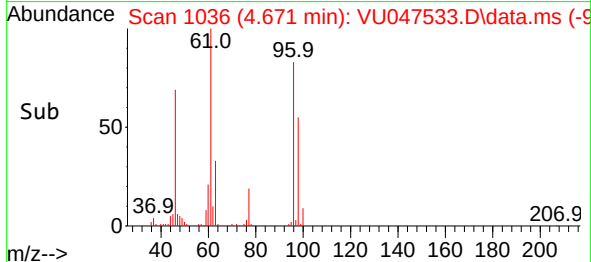
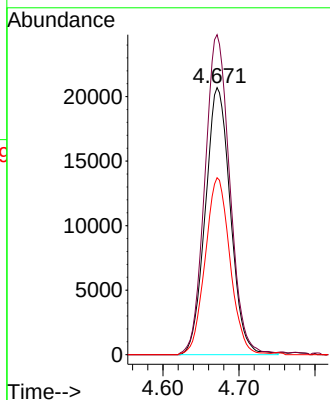
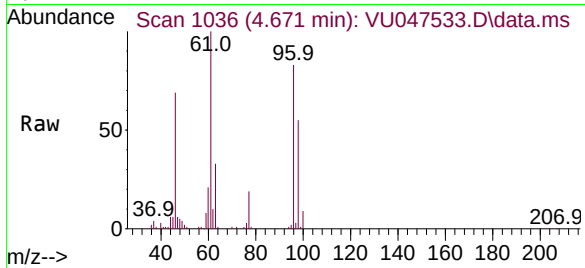




#22
 cis-1,2-Dichloroethene
 Concen: 5.169 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047533.D
 Acq: 14 Mar 2022 14:11

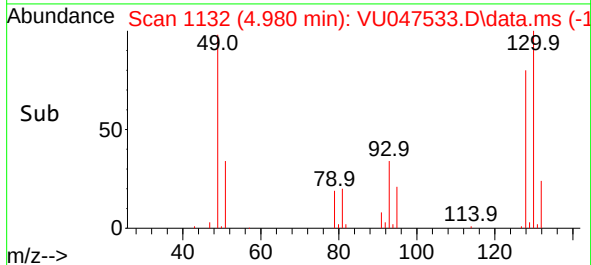
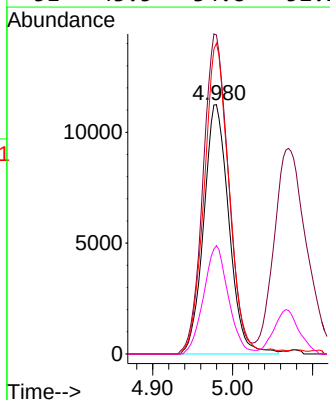
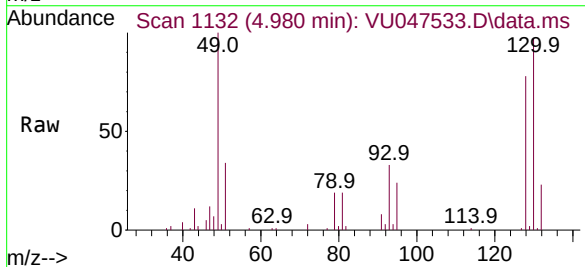
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

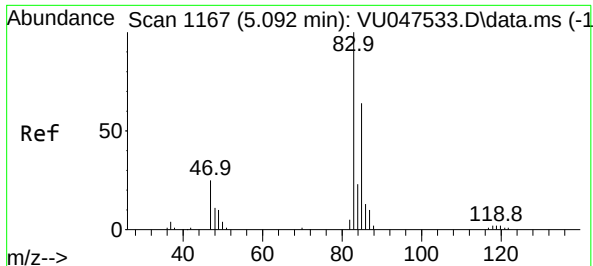
Tgt Ion: 96 Resp: 47477
 Ion Ratio Lower Upper
 96 100
 61 119.8 83.9 155.7
 98 66.3 46.4 86.2



#23
 Bromochloromethane
 Concen: 5.276 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047533.D
 Acq: 14 Mar 2022 14:11

Tgt Ion: 128 Resp: 24593
 Ion Ratio Lower Upper
 128 100
 49 128.0 89.6 166.4
 130 124.7 87.3 162.1
 51 43.5 34.8 52.2





#25

Chloroform

Concen: 5.074 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

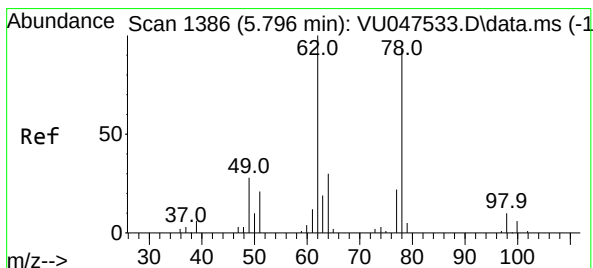
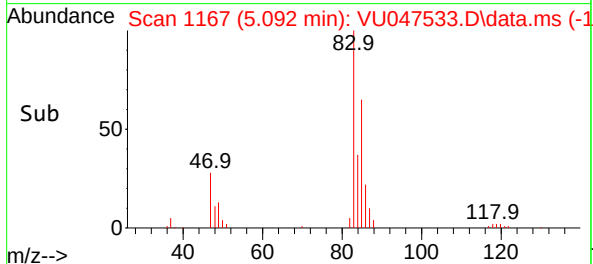
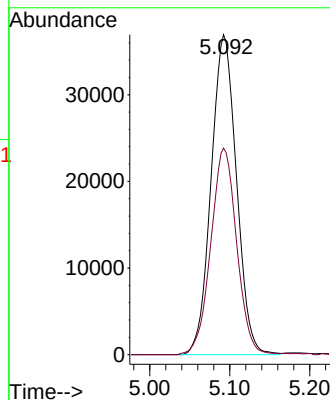
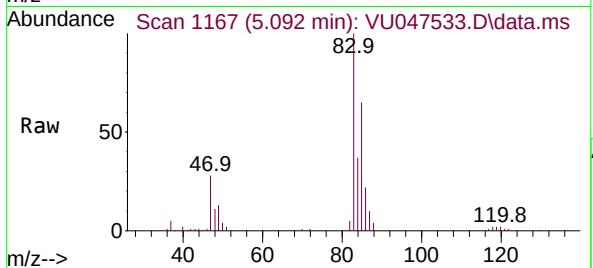
VSTD005021

Tgt Ion: 83 Resp: 81235

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.112 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047533.D

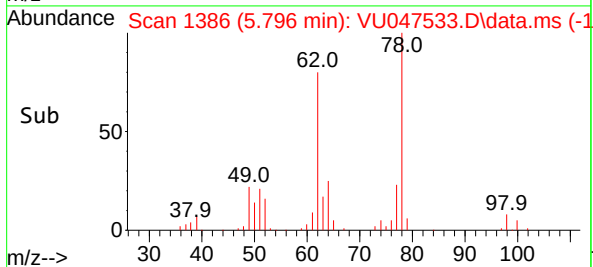
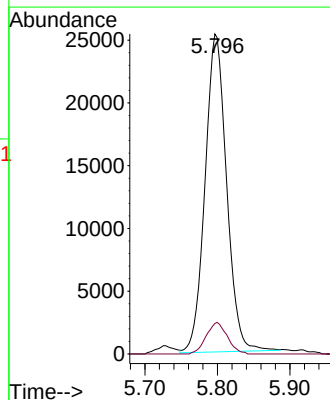
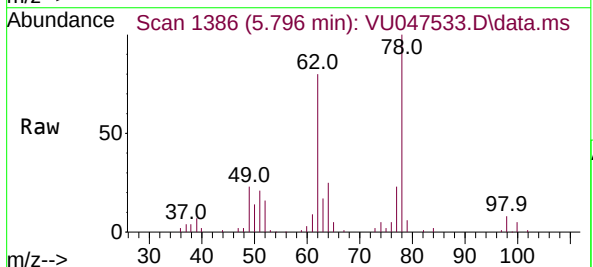
Acq: 14 Mar 2022 14:11

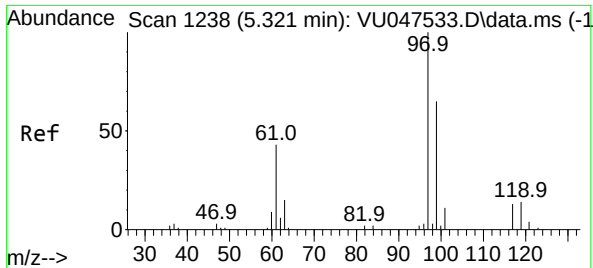
Tgt Ion: 62 Resp: 52346

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.206 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

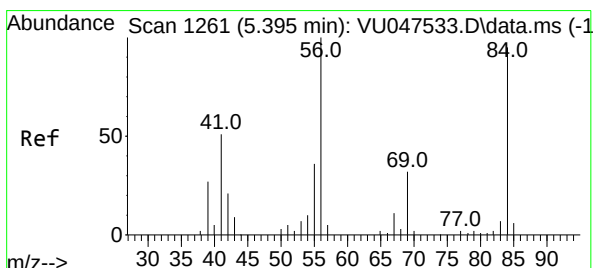
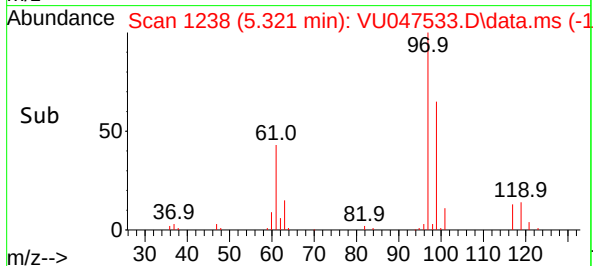
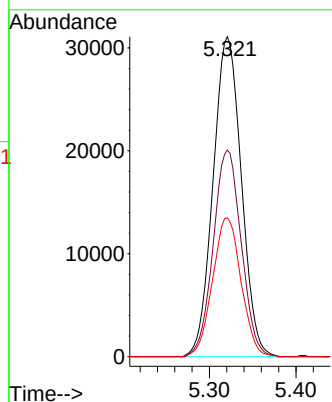
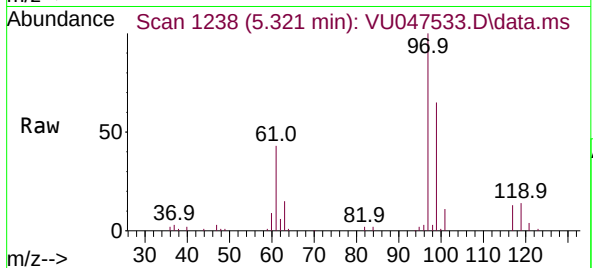
Tgt Ion: 97 Resp: 70468

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 43.7 35.0 52.4



#30

Cyclohexane

Concen: 5.331 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

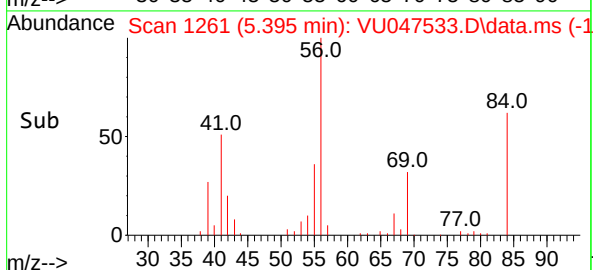
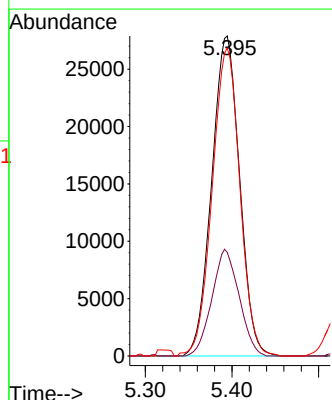
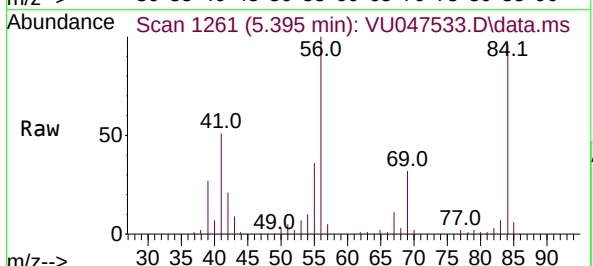
Tgt Ion: 56 Resp: 62312

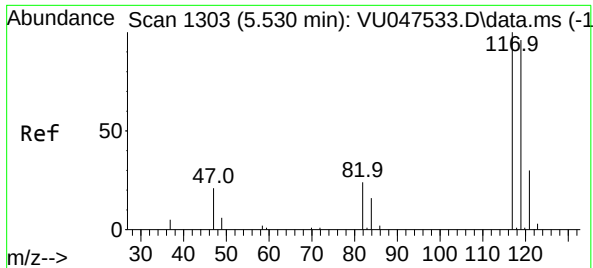
Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 95.3 76.2 114.4

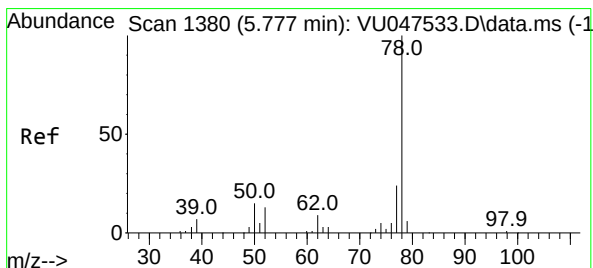
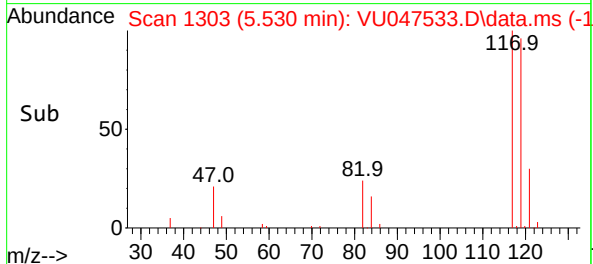
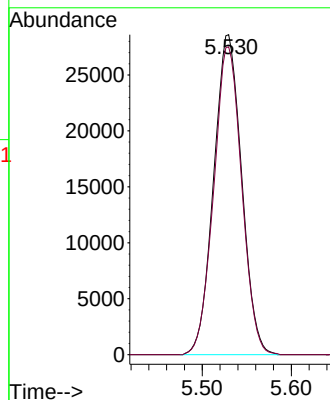
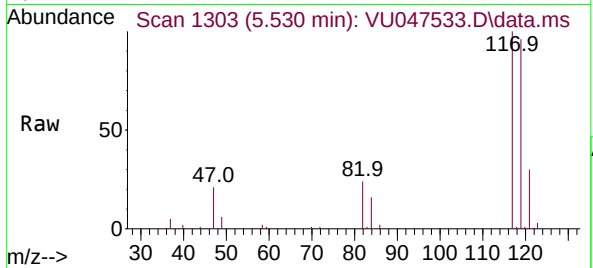




#31
Carbon tetrachloride
Concen: 5.238 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

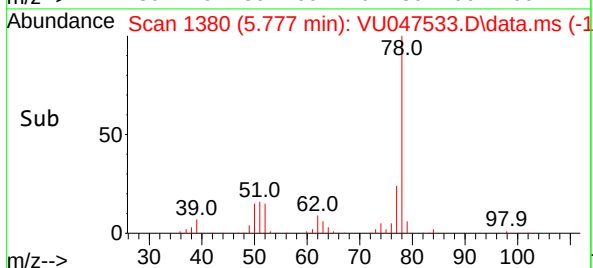
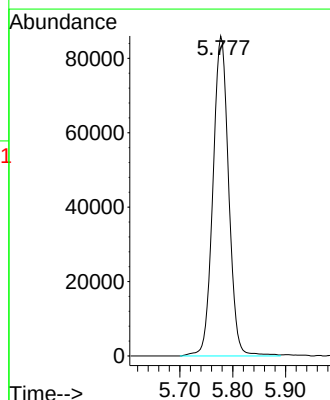
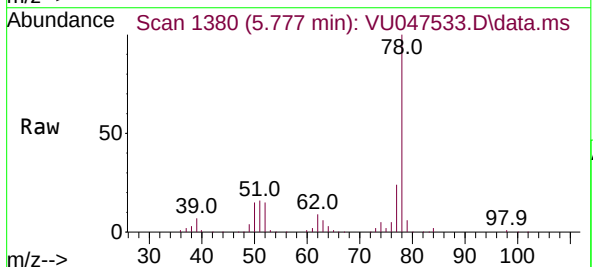
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

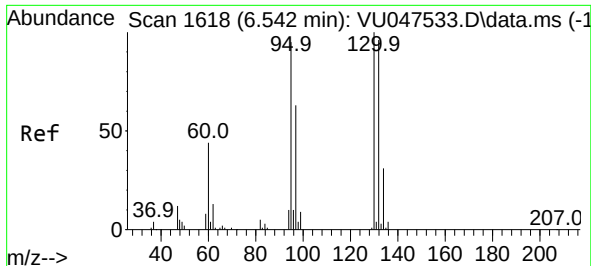
Tgt Ion:117 Resp: 62368
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 5.181 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 78 Resp: 178200

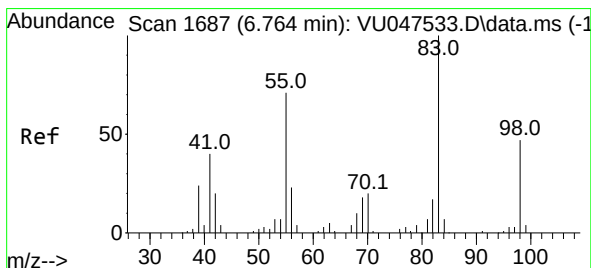
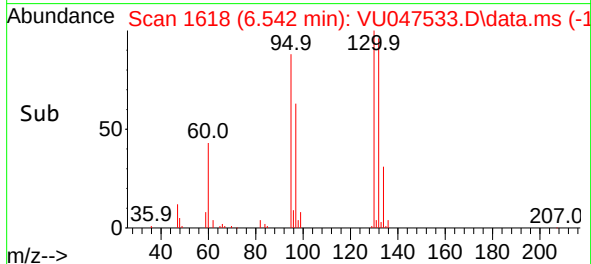
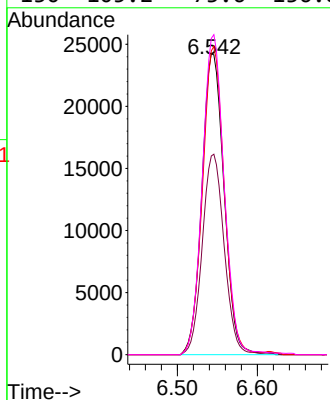
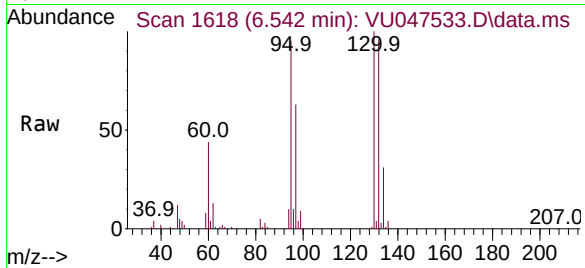




#34
Trichloroethene
Concen: 5.127 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

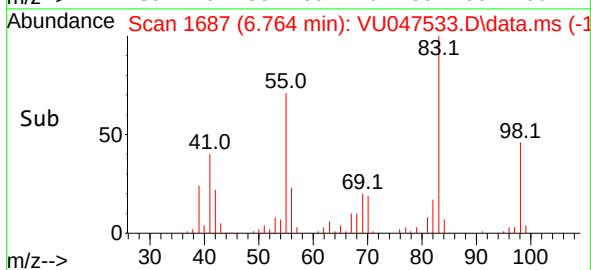
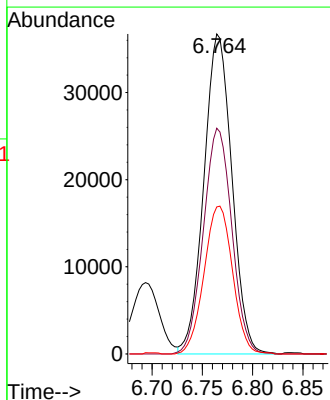
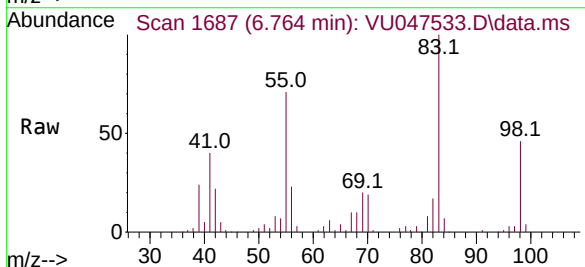
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

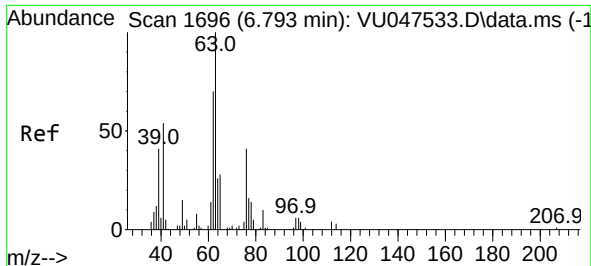
Tgt Ion: 95 Resp: 46730
Ion Ratio Lower Upper
95 100
97 66.1 46.3 85.9
132 101.0 70.7 131.3
130 105.2 73.6 136.8



#35
Methylcyclohexane
Concen: 5.429 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 83 Resp: 71209
Ion Ratio Lower Upper
83 100
55 71.6 57.3 85.9
98 46.9 37.5 56.3

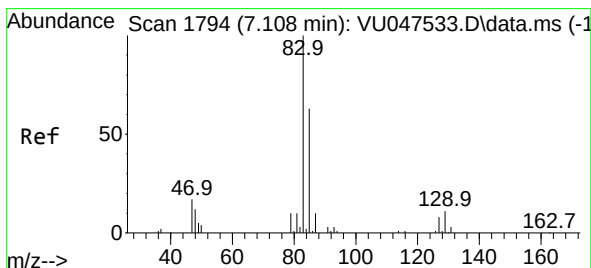
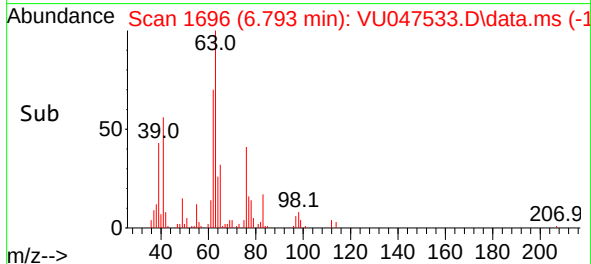
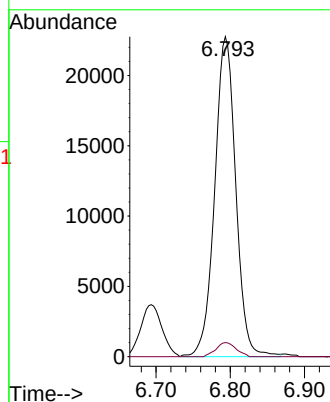
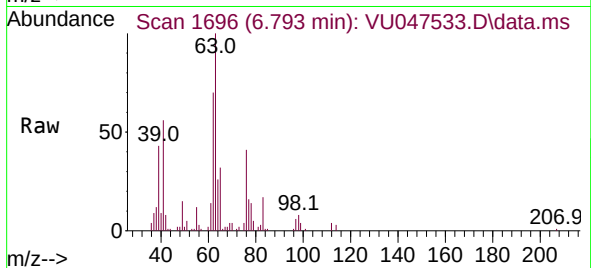




#37
1,2-Dichloropropane
Concen: 5.094 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

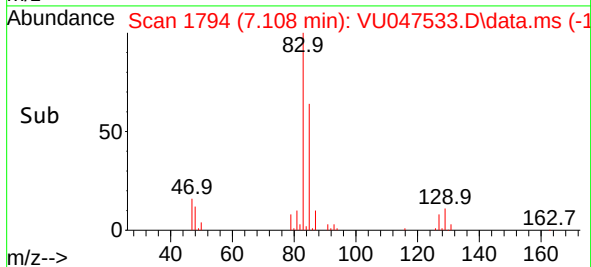
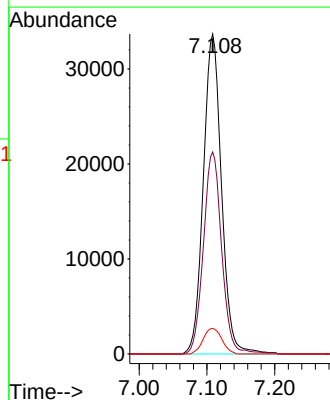
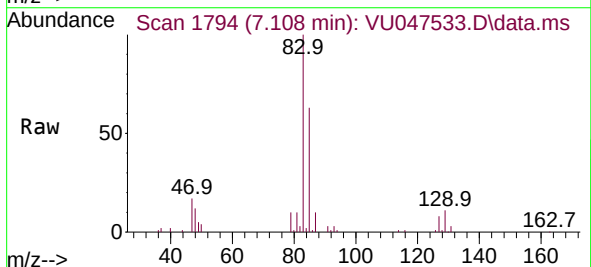
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

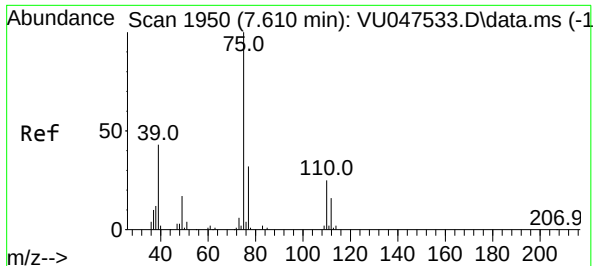
Tgt Ion: 63 Resp: 44897
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 5.167 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 83 Resp: 62713
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 5.080 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

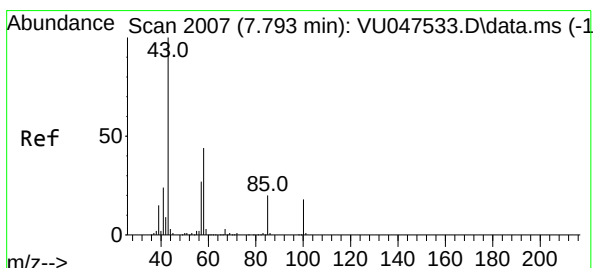
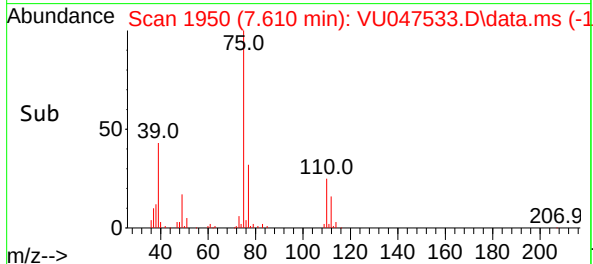
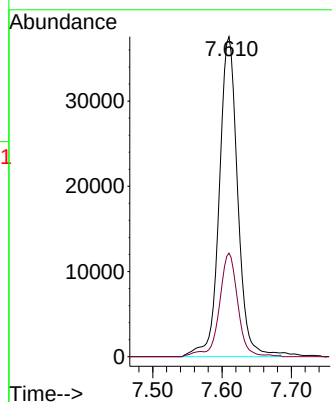
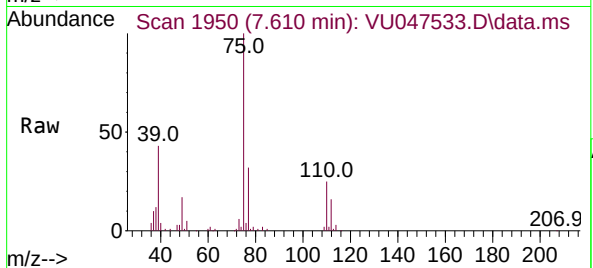
VSTD005021

Tgt Ion: 75 Resp: 69578

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.790 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

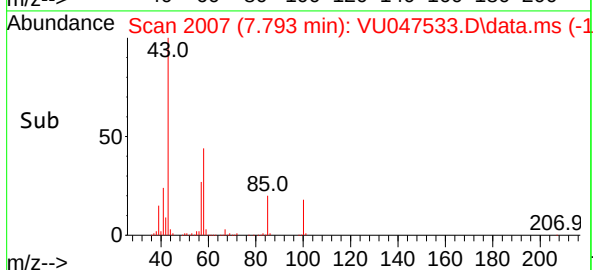
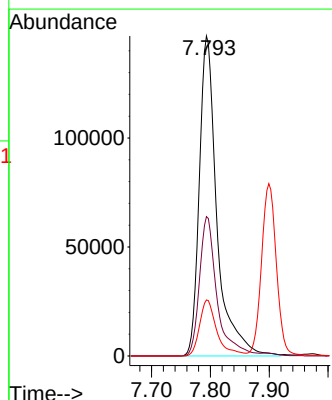
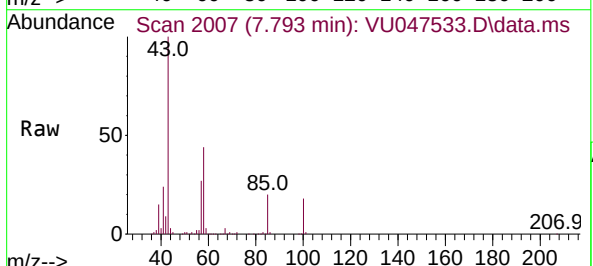
Tgt Ion: 43 Resp: 305895

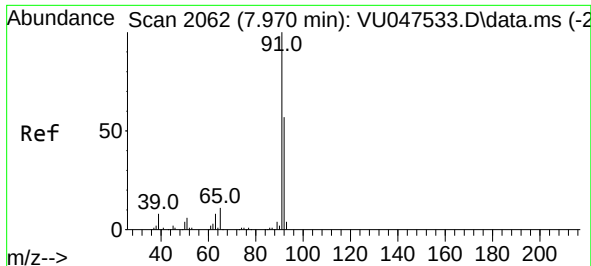
Ion Ratio Lower Upper

43 100

58 43.1 34.5 51.7

100 17.2 13.8 20.6





#42

Toluene

Concen: 5.241 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

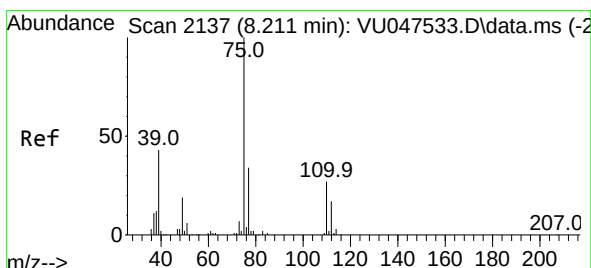
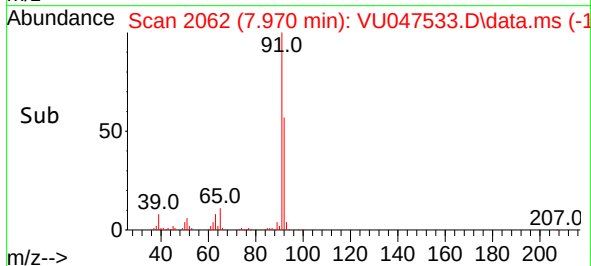
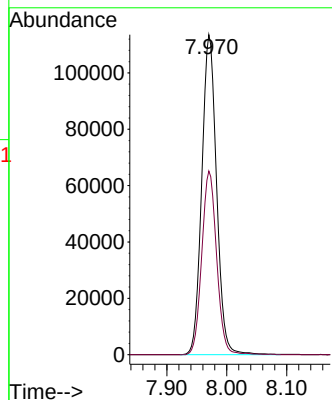
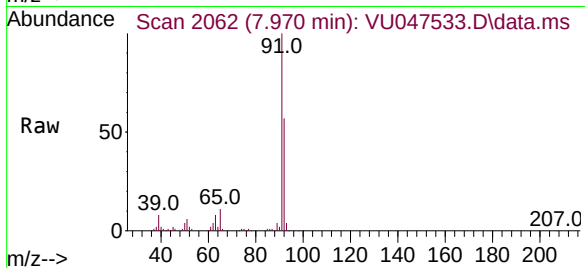
VSTD005021

Tgt Ion: 91 Resp: 195415

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.128 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047533.D

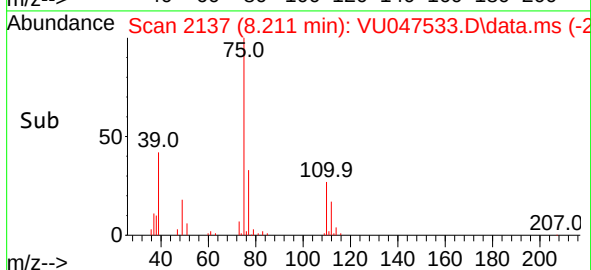
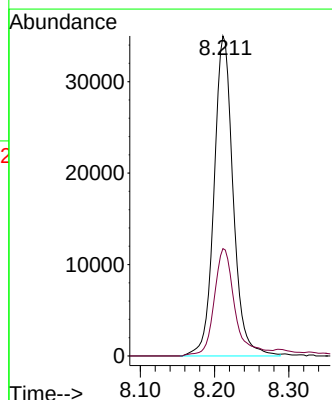
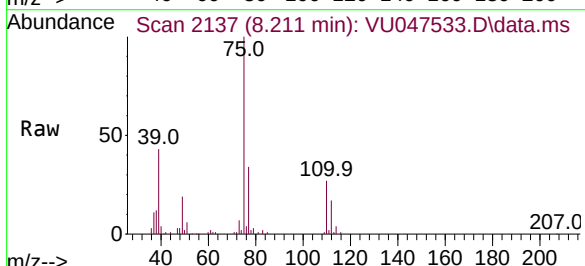
Acq: 14 Mar 2022 14:11

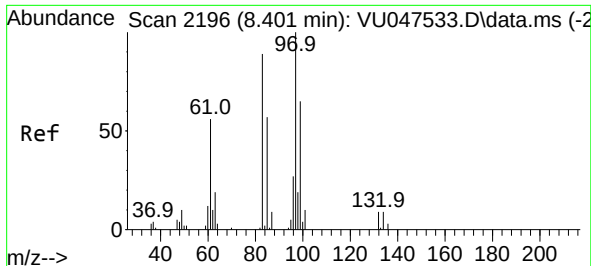
Tgt Ion: 75 Resp: 62659

Ion Ratio Lower Upper

75 100

77 33.5 23.4 43.6

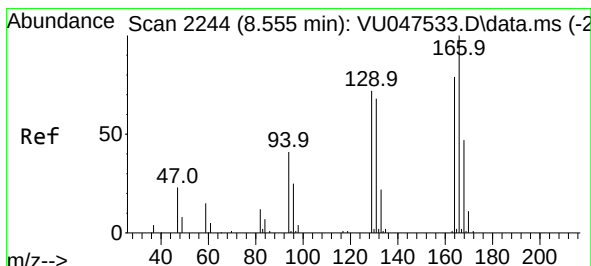
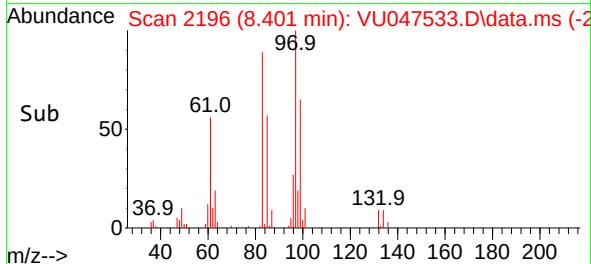
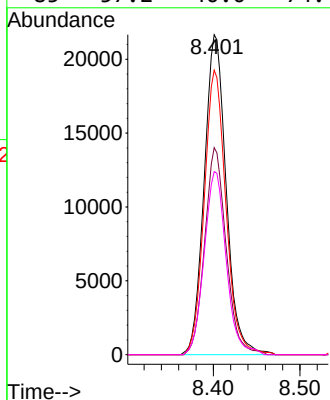
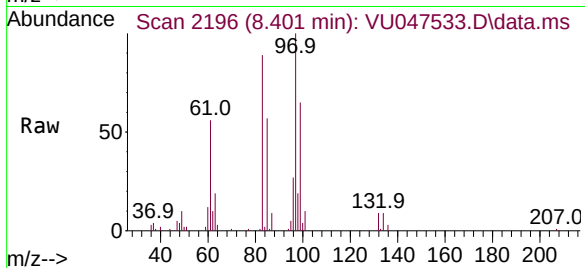




#45
1,1,2-Trichloroethane
Concen: 5.051 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

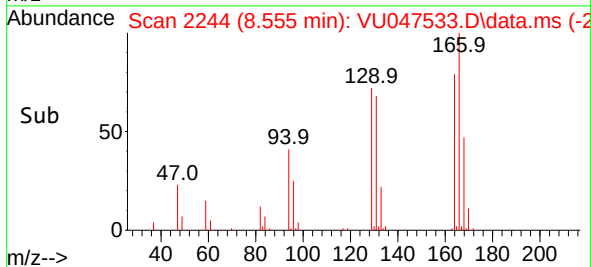
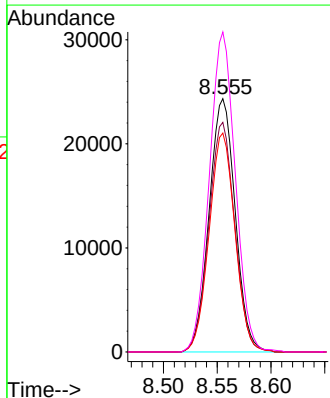
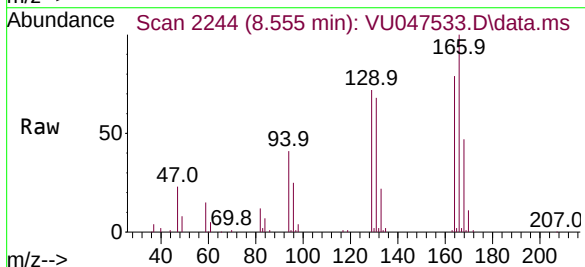
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

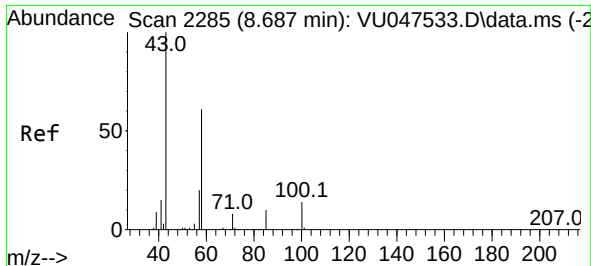
Tgt Ion:	97	Resp:	38169
Ion	Ratio	Lower	Upper
97	100		
99	64.7	45.3	84.1
83	88.9	62.2	115.6
85	57.2	40.0	74.4



#47
Tetrachloroethene
Concen: 5.289 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion:	164	Resp:	41117
Ion	Ratio	Lower	Upper
164	100		
129	90.7	63.5	117.9
131	86.5	60.5	112.5
166	126.4	88.5	164.3



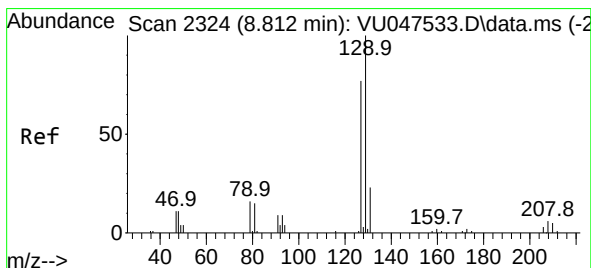
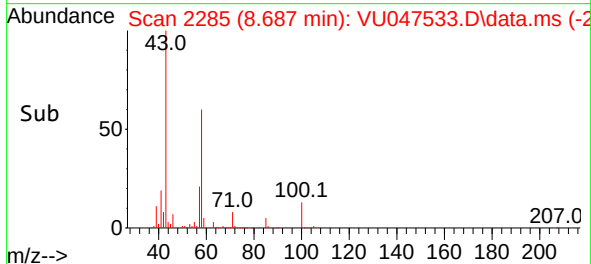
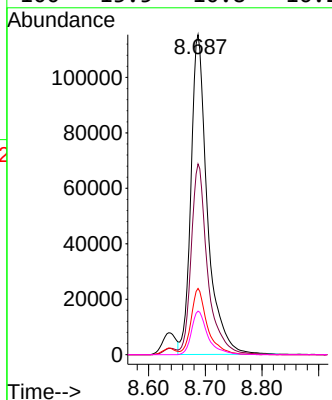
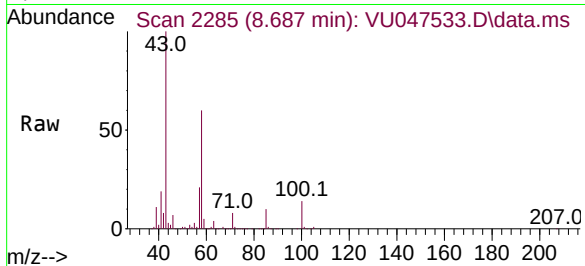


#48
2-Hexanone
Concen: 49.775 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

Tgt Ion: 43 Resp: 232736

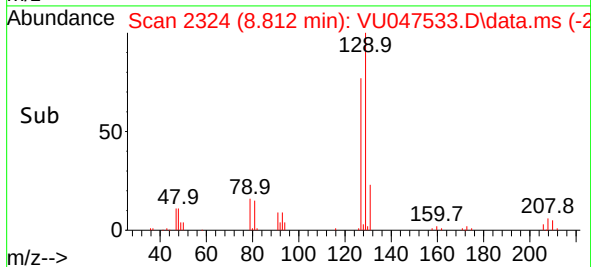
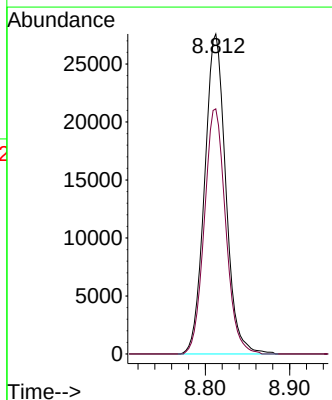
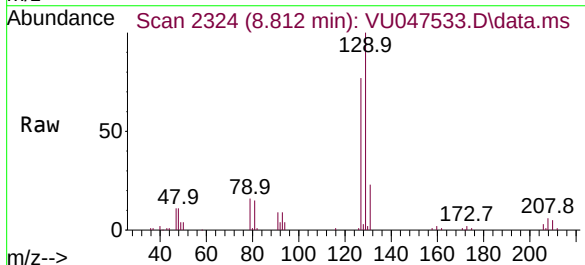
Ion	Ratio	Lower	Upper
43	100		
58	59.4	47.5	71.3
57	20.0	16.0	24.0
100	13.5	10.8	16.2

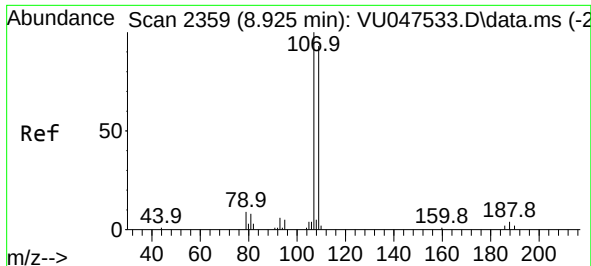


#49
Dibromochloromethane
Concen: 5.175 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 129 Resp: 48164

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.111 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

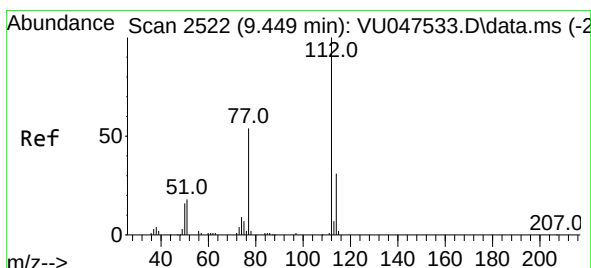
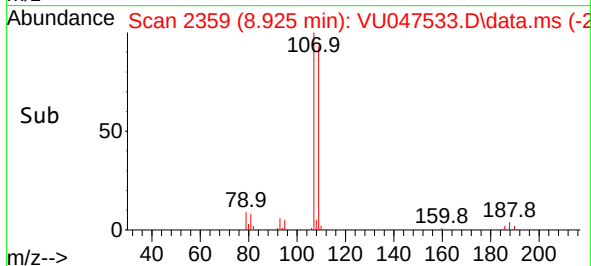
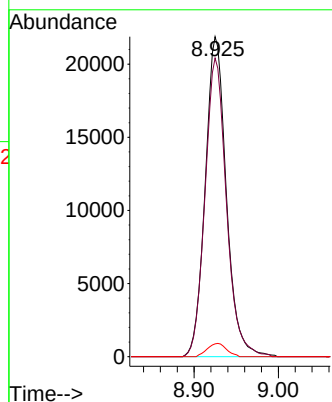
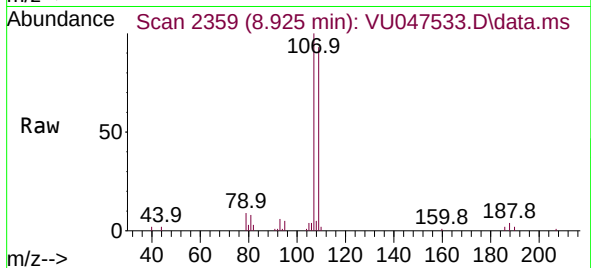
Tgt Ion:107 Resp: 38186

Ion Ratio Lower Upper

107 100

109 93.3 65.3 121.3

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 5.144 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

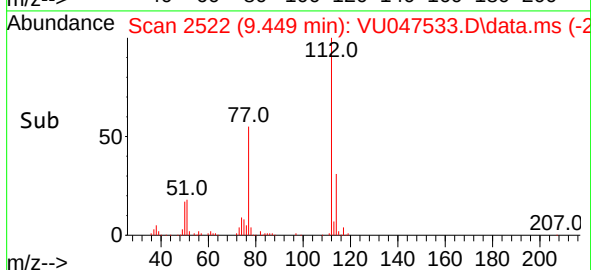
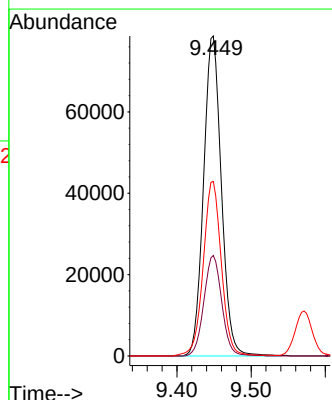
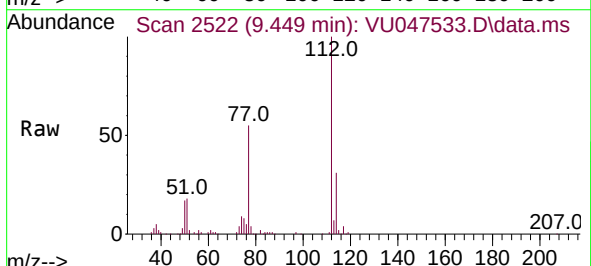
Tgt Ion:112 Resp: 131006

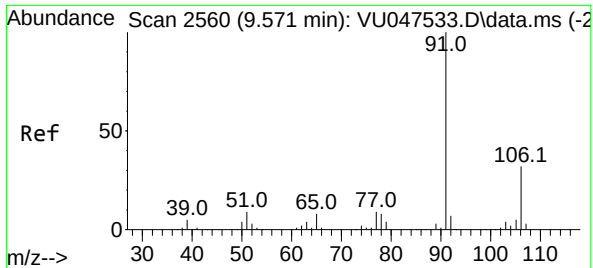
Ion Ratio Lower Upper

112 100

114 31.4 22.0 40.8

77 54.6 43.7 65.5

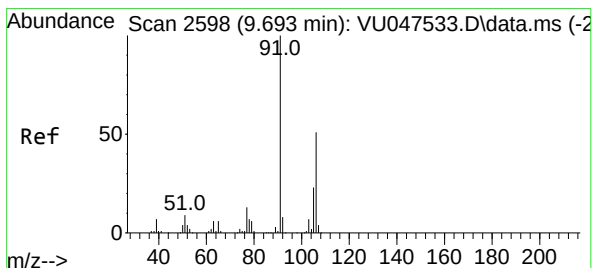
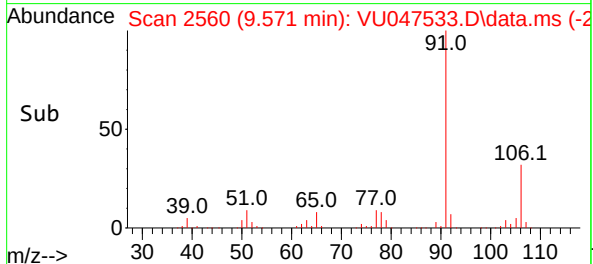
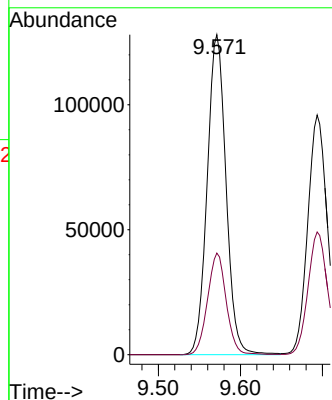
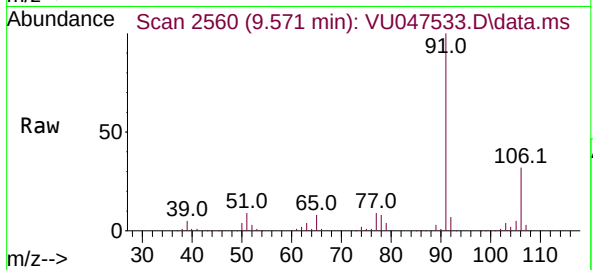




#52
Ethylbenzene
Concen: 5.169 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

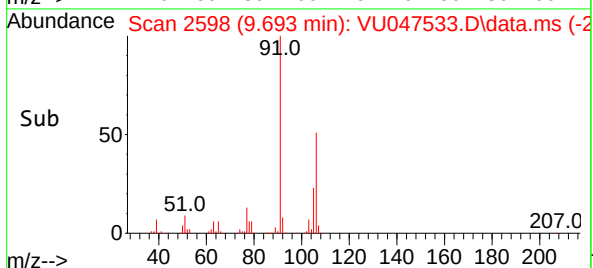
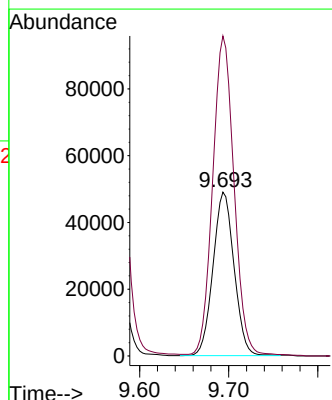
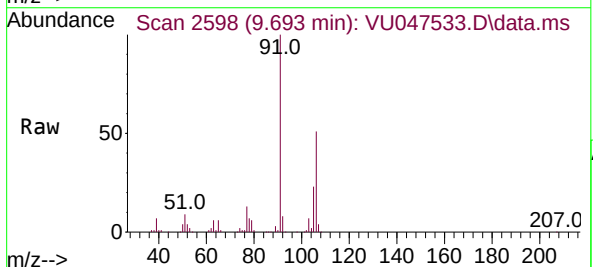
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

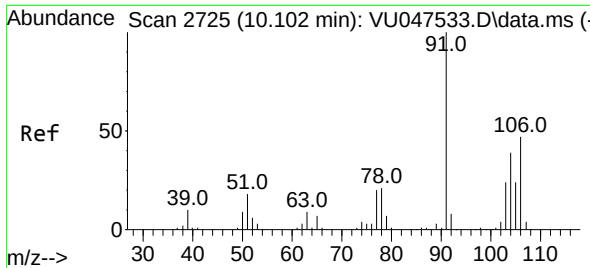
Tgt Ion: 91 Resp: 204102
Ion Ratio Lower Upper
91 100
106 31.7 22.2 41.2



#53
m,p-Xylene
Concen: 5.262 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 106 Resp: 80333
Ion Ratio Lower Upper
106 100
91 195.2 136.6 253.8

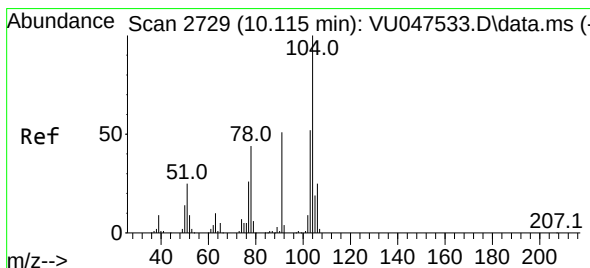
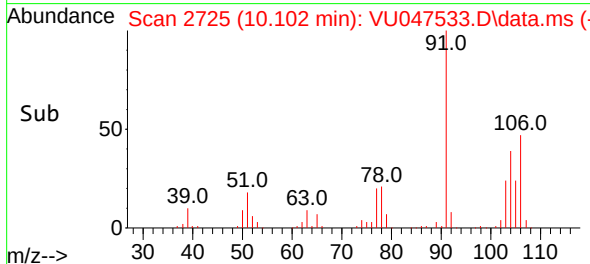
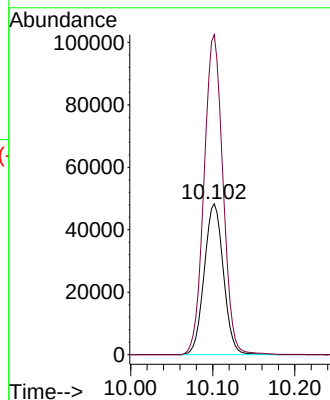
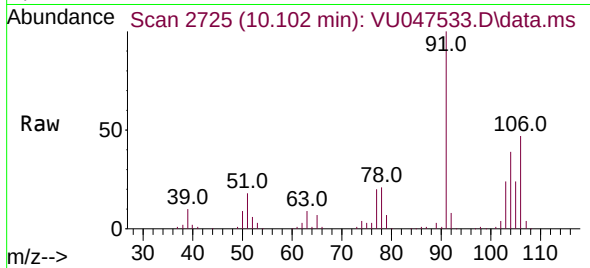




#54
o-Xylene
Concen: 5.209 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

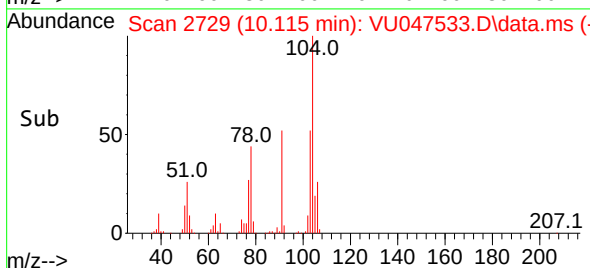
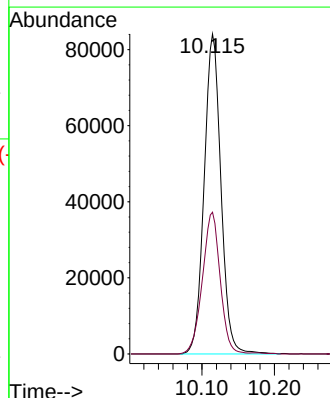
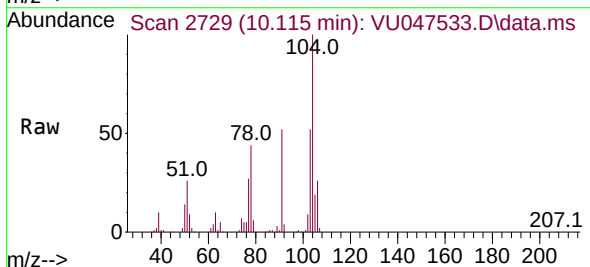
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

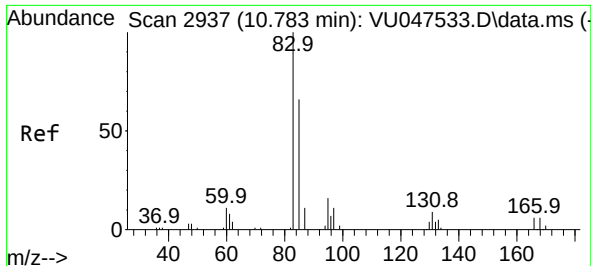
Tgt Ion:106 Resp: 78573
Ion Ratio Lower Upper
106 100
91 212.2 148.5 275.9



#55
Styrene
Concen: 5.235 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion:104 Resp: 135615
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.991 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

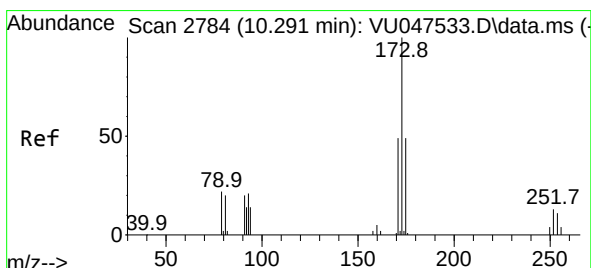
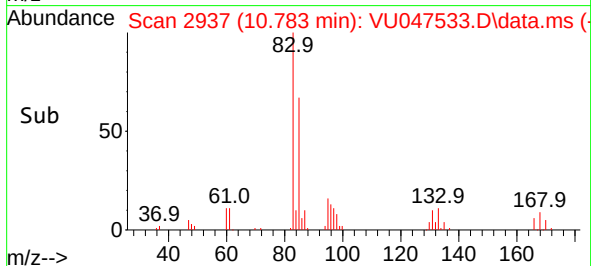
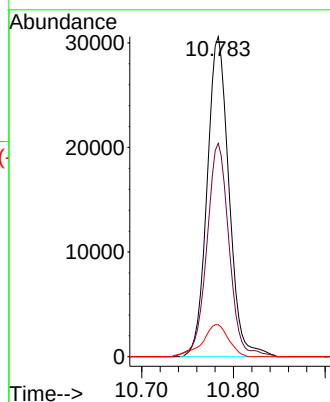
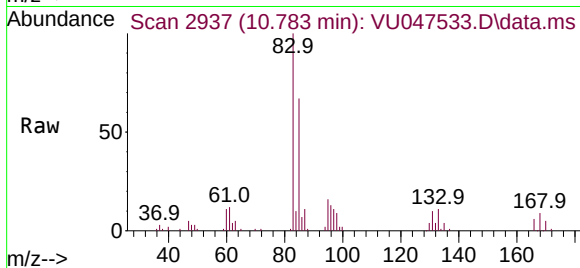
Tgt Ion: 83 Resp: 50565

Ion Ratio Lower Upper

83 100

85 66.7 46.7 86.7

131 10.0 8.0 12.0



#59

Bromoform

Concen: 5.032 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

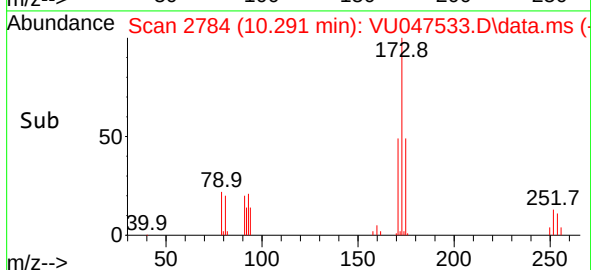
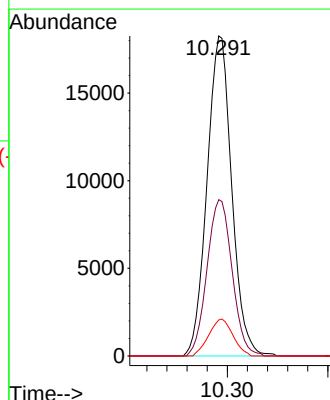
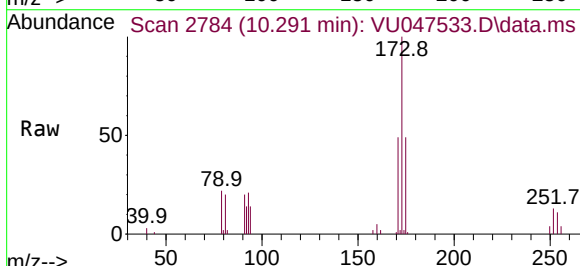
Tgt Ion: 173 Resp: 31113

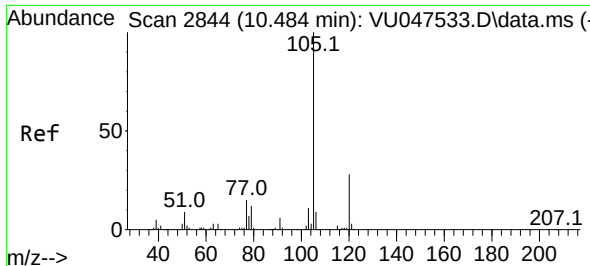
Ion Ratio Lower Upper

173 100

175 49.6 39.7 59.5

254 11.3 9.0 13.6

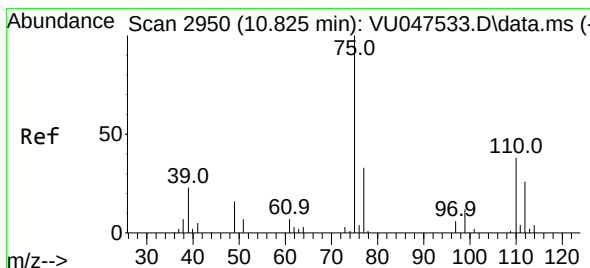
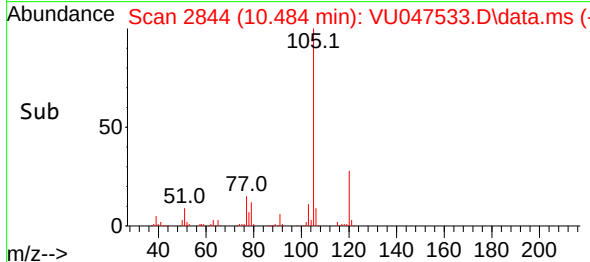
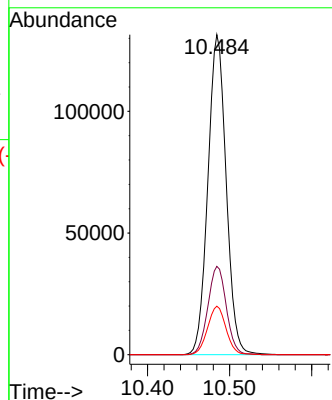
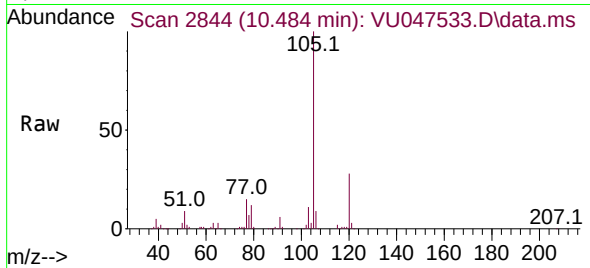




#60
Isopropylbenzene
Concen: 5.142 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

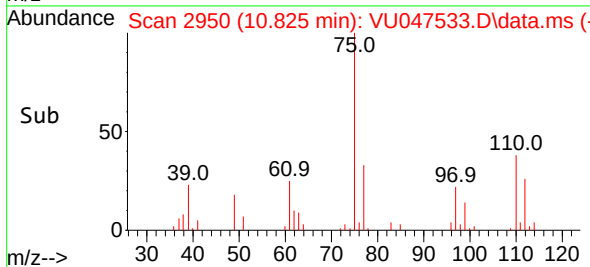
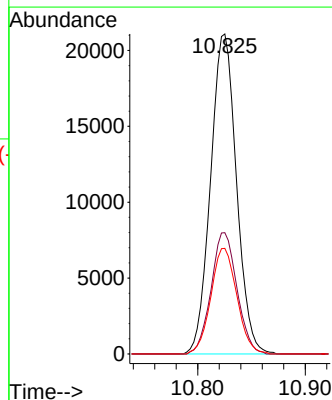
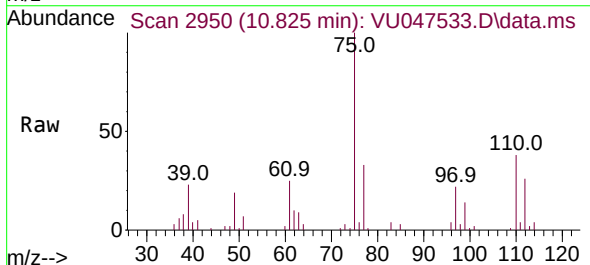
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

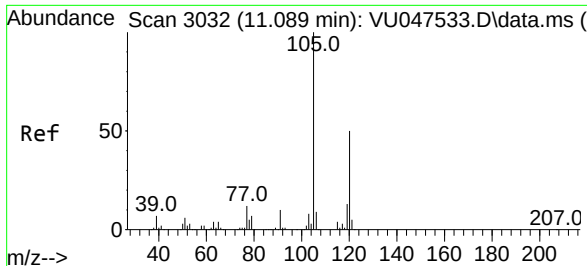
Tgt Ion:105 Resp: 203567
Ion Ratio Lower Upper
105 100
120 27.8 22.2 33.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.797 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion: 75 Resp: 35264
Ion Ratio Lower Upper
75 100
110 37.8 30.2 45.4
77 33.2 26.6 39.8

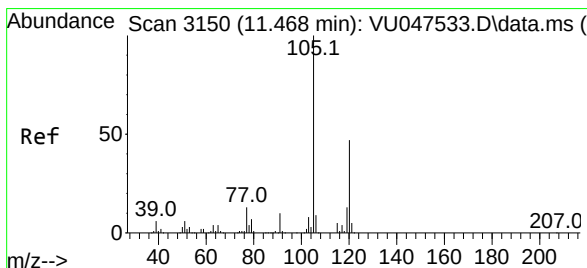
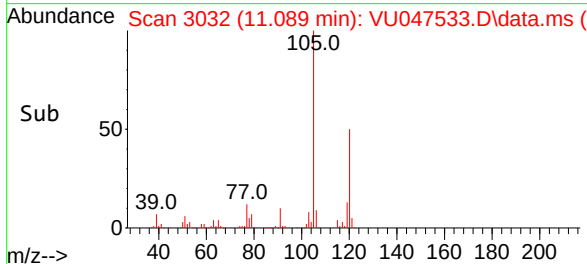
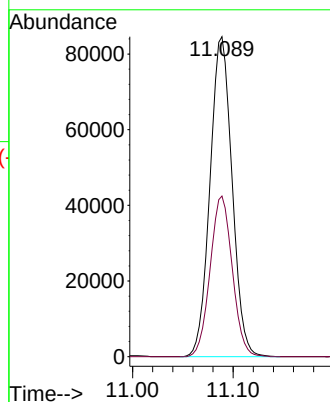
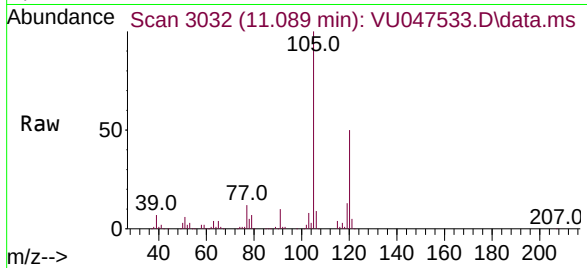




#62
1,3,5-Trimethylbenzene
Concen: 5.100 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

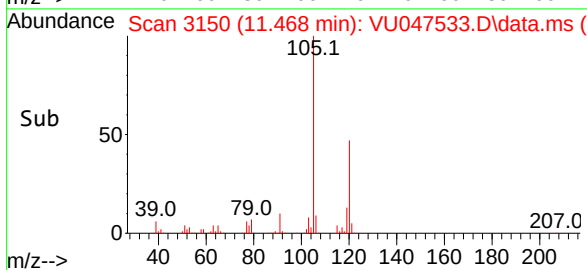
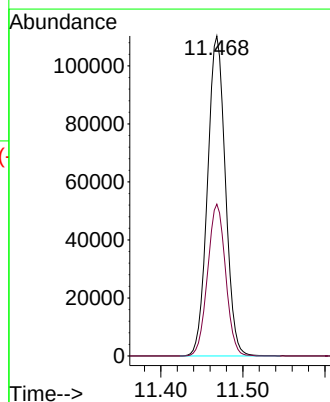
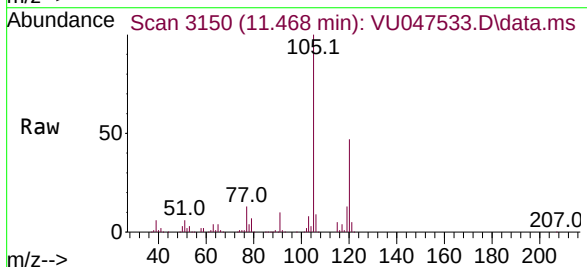
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

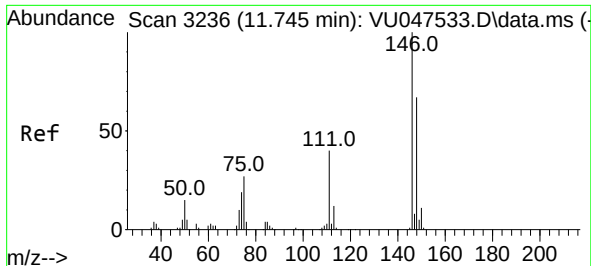
Tgt Ion:105 Resp: 128919
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 5.079 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion:105 Resp: 166661
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.4

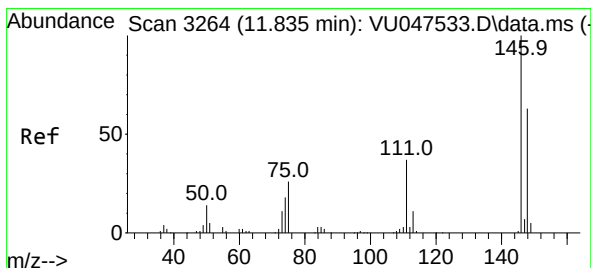
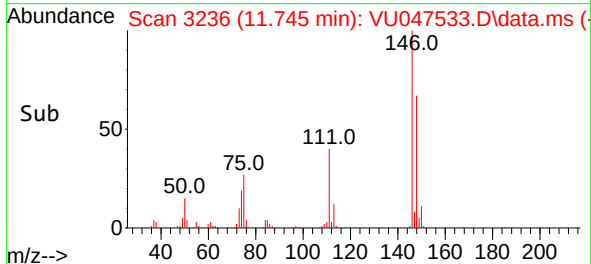
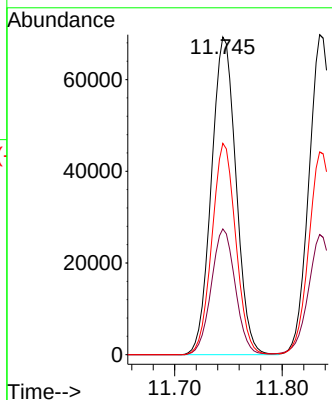
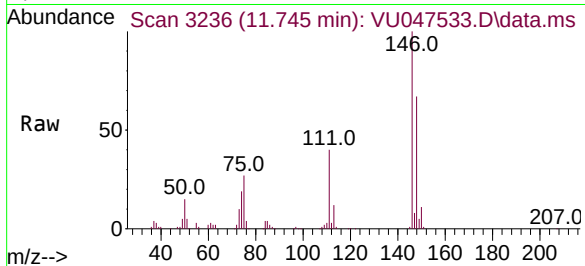




#64
1,3-Dichlorobenzene
Concen: 4.992 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

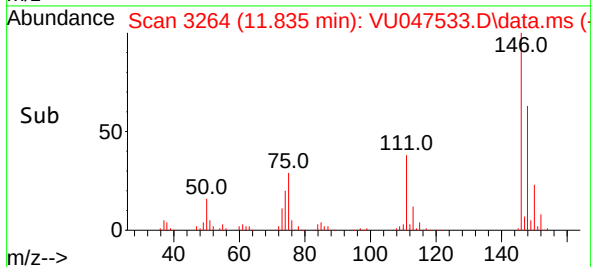
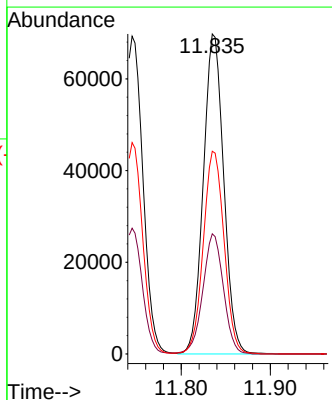
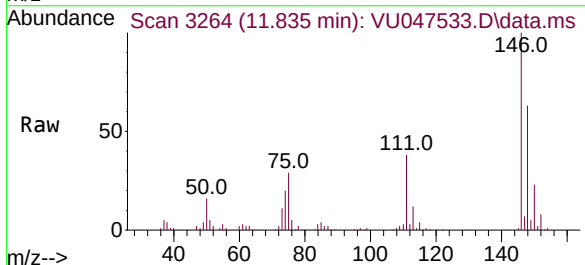
Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

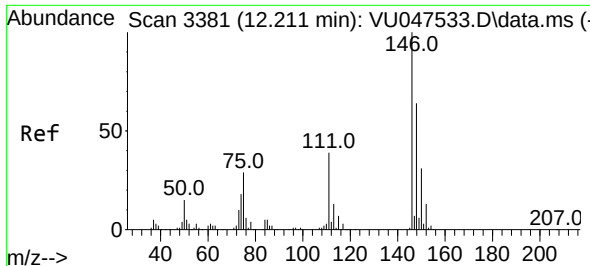
Tgt Ion:146 Resp: 110227
Ion Ratio Lower Upper
146 100
111 39.6 27.7 51.5
148 66.5 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 4.921 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion:146 Resp: 111002
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 63.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 4.871 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005021

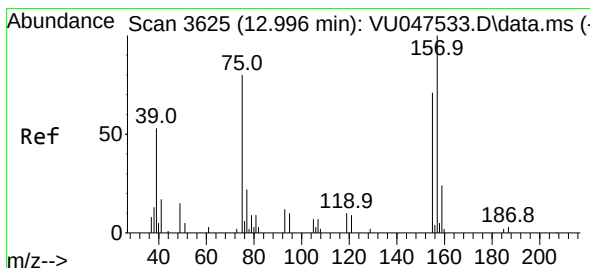
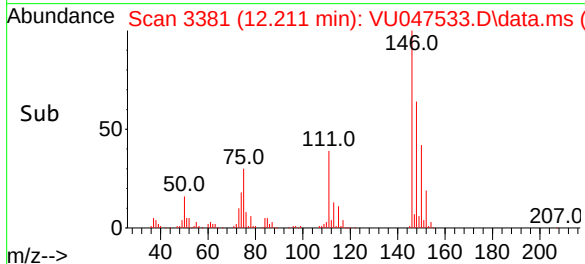
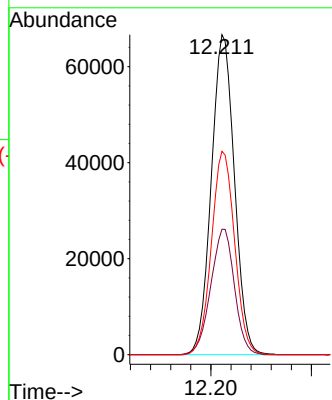
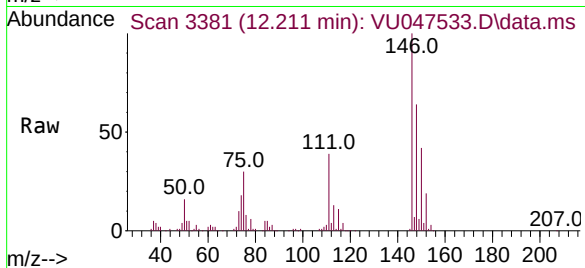
Tgt Ion:146 Resp: 106352

Ion Ratio Lower Upper

146 100

111 39.2 31.4 47.0

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.859 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047533.D

Acq: 14 Mar 2022 14:11

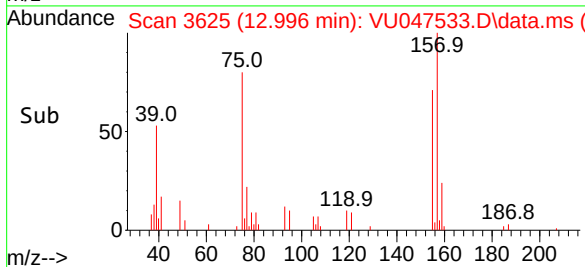
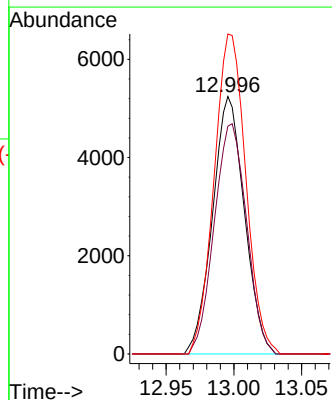
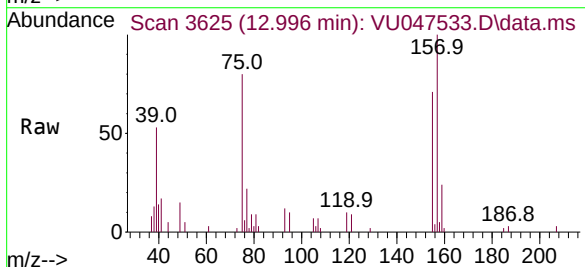
Tgt Ion: 75 Resp: 8569

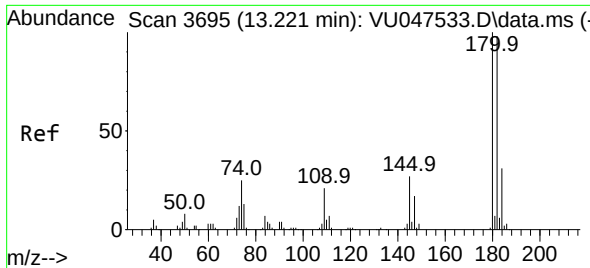
Ion Ratio Lower Upper

75 100

155 88.5 70.8 106.2

157 124.3 99.4 149.2

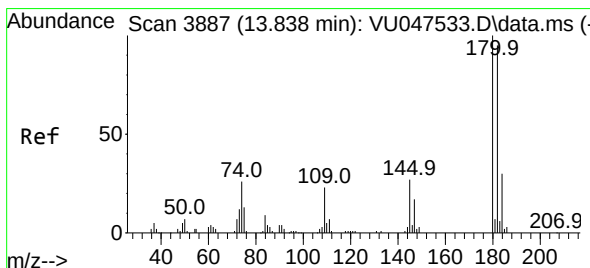
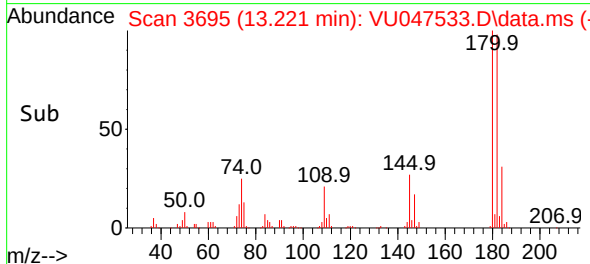
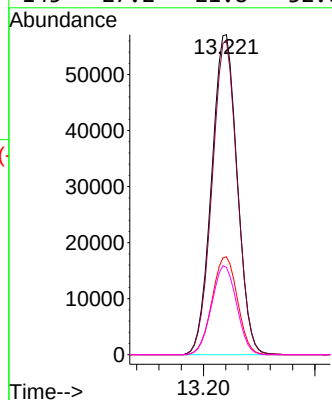
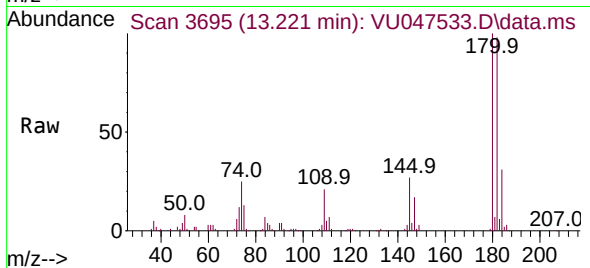




#69
 1,3,5-Trichlorobenzene
 Concen: 4.880 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047533.D
 Acq: 14 Mar 2022 14:11

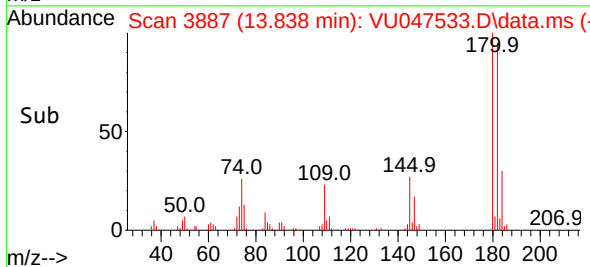
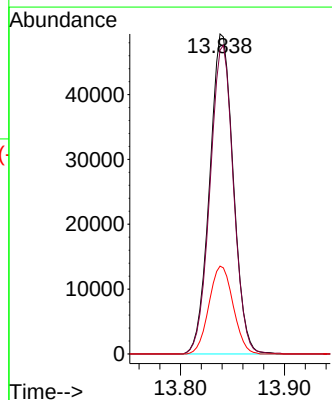
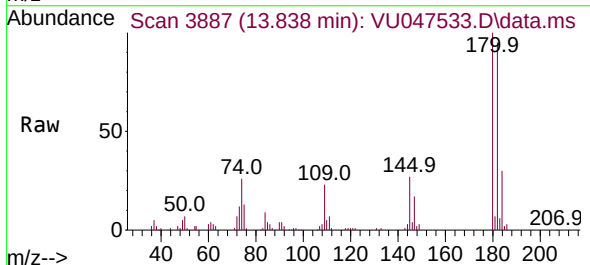
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

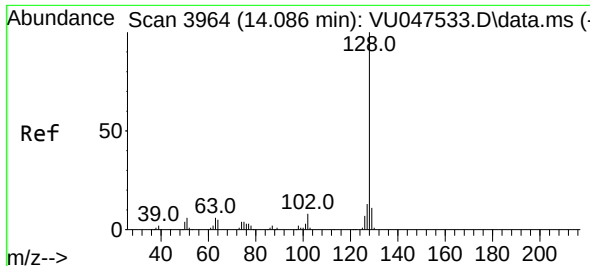
Tgt Ion:180	Resp:	91084
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.3 115.9
184	30.4	24.3 36.5
145	27.2	21.8 32.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.737 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU047533.D
 Acq: 14 Mar 2022 14:11

Tgt Ion:180	Resp:	77787
Ion Ratio	Lower	Upper
180	100	
182	95.7	76.6 114.8
145	28.1	22.5 33.7

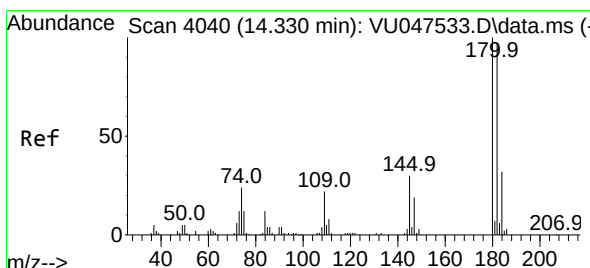
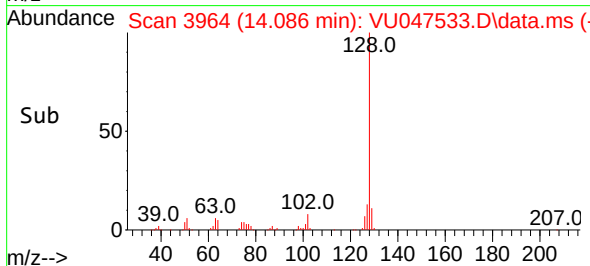
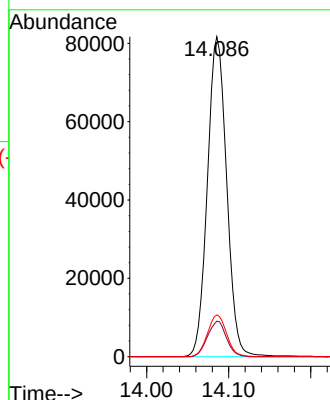
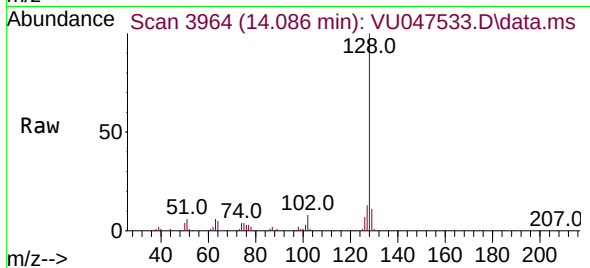




#71
Naphthalene
Concen: 4.380 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD005021

Tgt Ion:128 Resp: 133498
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.606 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047533.D
Acq: 14 Mar 2022 14:11

Tgt Ion:180 Resp: 72572
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.8
145 29.6 23.7 35.5

