

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047532.D
 Acq On : 14 Mar 2022 13:47
 Operator : SY/MD
 Sample : VSTD00120
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001020

Quant Time: Mar 15 05:15:16 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	6.253	114	655063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	658524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	385635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	10410	0.243	ug/L	0.00
7) Chloroethane-d5	1.919	69	9286	0.239	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	4779	0.238	ug/L	0.00
20) 2-Butanone-d5	4.649	46	27406	2.223	ug/L	0.00
24) Chloroform-d	5.070	84	22449	0.239	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	11862	0.233	ug/L	0.00
32) Benzene-d6	5.732	84	43606	0.227	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	13805	0.229	ug/L	0.00
41) Toluene-d8	7.899	98	40371	0.225	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5312	0.210	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	26310	2.003	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	13341	0.222	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	16855	0.209	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	8358	0.207	ug/L	98
3) Chloromethane	1.527	50	8970	0.227	ug/L	98
5) Vinyl chloride	1.607	62	9173	0.225	ug/L	94
6) Bromomethane	1.864	94	4268	0.223	ug/L	98
8) Chloroethane	1.941	64	5361	0.218	ug/L	94
9) Trichlorofluoromethane	2.144	101	11614	0.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	6870	0.204	ug/L	99
12) 1,1-Dichloroethene	2.588	96	7000	0.215	ug/L	94
14) Carbon disulfide	2.800	76	21466	0.219	ug/L	99
15) Methyl Acetate	2.967	43	2795	0.211	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	18263	0.218	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	7941	0.226	ug/L	90
19) 1,1-Dichloroethane	3.874	63	13827	0.224	ug/L	99
21) 2-Butanone	4.735	43	19110	2.090	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	8536	0.219	ug/L	97
23) Bromochloromethane	4.983	128	4119	0.209	ug/L	92
27) 1,2-Dichloroethane	5.800	62	9512	0.219	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	12874	0.220	ug/L	98
30) Cyclohexane	5.395	56	9648	0.191	ug/L	97
31) Carbon tetrachloride	5.530	117	10826	0.210	ug/L	100
33) Benzene	5.777	78	31778	0.214	ug/L	100
34) Trichloroethene	6.546	95	8598	0.218	ug/L	97
35) Methylcyclohexane	6.767	83	10661	0.188	ug/L	97
37) 1,2-Dichloropropane	6.793	63	8350	0.219	ug/L	99
38) Bromodichloromethane	7.108	83	11229	0.214	ug/L #	99
39) cis-1,3-Dichloropropene	7.610	75	11424	0.193	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	53291	2.005	ug/L	98
42) Toluene	7.970	91	33694	0.209	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	10488	0.198	ug/L	91
45) 1,1,2-Trichloroethane	8.401	97	6981	0.214	ug/L	97
49) Dibromochloromethane	8.809	129	8291	0.206	ug/L	90
50) 1,2-Dibromoethane	8.925	107	6907	0.214	ug/L #	97

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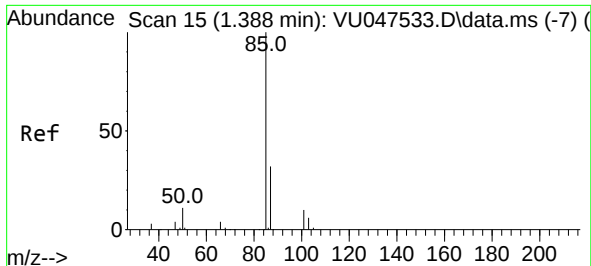
Quant Time: Mar 15 05:15:16 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:13:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	9.449	112	23800	0.216	ug/L	98
52) Ethylbenzene	9.571	91	35198	0.206	ug/L	99
53) m,p-Xylene	9.693	106	13532	0.205	ug/L	96
54) o-Xylene	10.102	106	12746	0.195	ug/L	99
55) Styrene	10.115	104	21812	0.195	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	8768	0.200	ug/L	99
59) Bromoform	10.291	173	5512	0.203	ug/L	99
60) Isopropylbenzene	10.484	105	33566	0.193	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	6488	0.201	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	20245	0.182	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	25212	0.175	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	19088	0.196	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	20127	0.203	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	18816	0.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	1478	0.190	ug/L	85
69) 1,3,5-Trichlorobenzene	13.217	180	15502	0.189	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	13319	0.184	ug/L	99
71) Naphthalene	14.085	128	20932	0.156	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	12265	0.177	ug/L	97

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

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QLast Update : Tue Mar 15 05:13:54 2022
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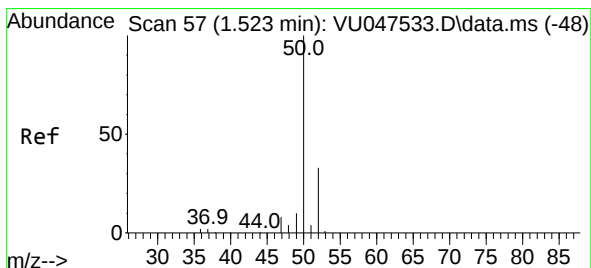
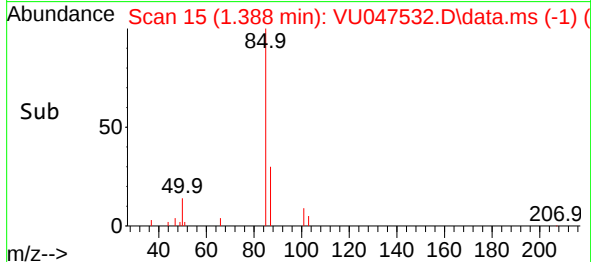
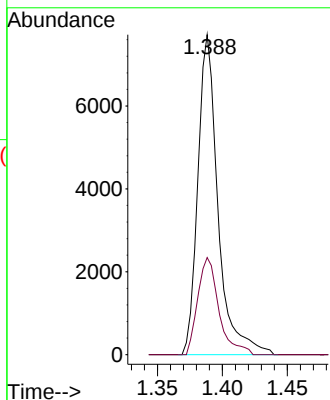
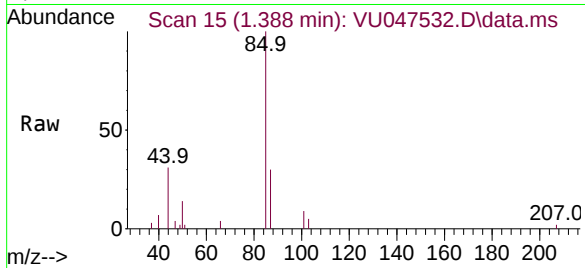




#2
Dichlorodifluoromethane
Concen: 0.207 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

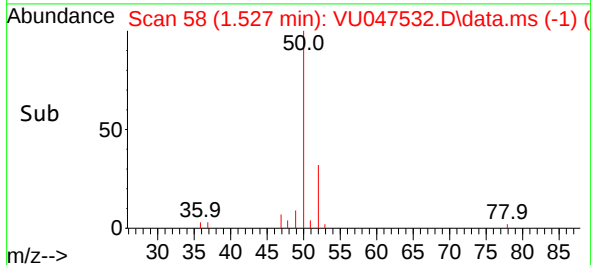
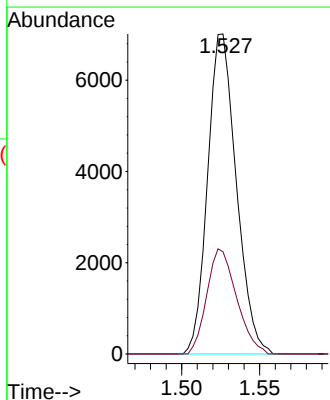
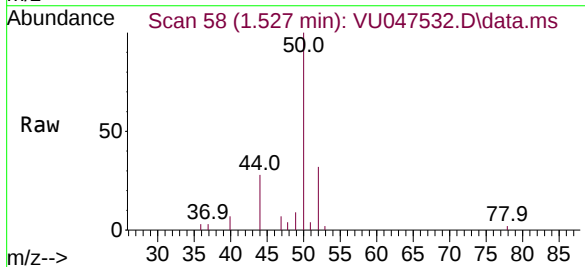
Instrument :
MSVOA_U
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VSTD001020

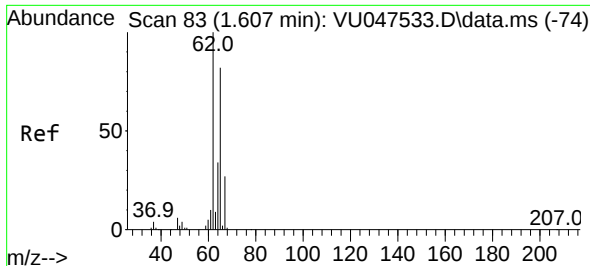
Tgt Ion: 85 Resp: 8358
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.4



#3
Chloromethane
Concen: 0.227 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 50 Resp: 8970
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.0

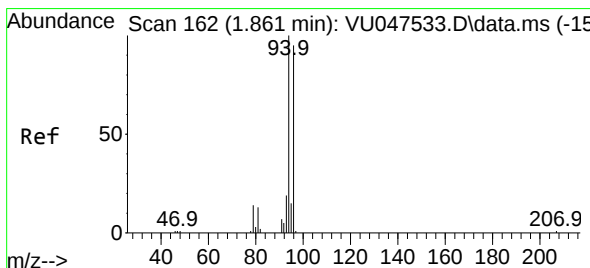
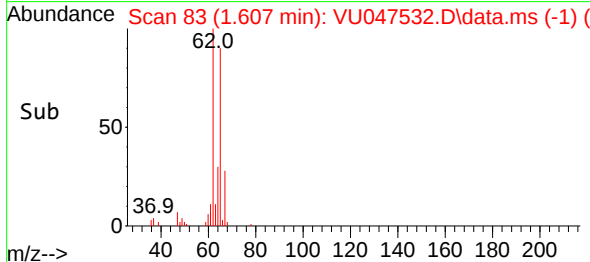
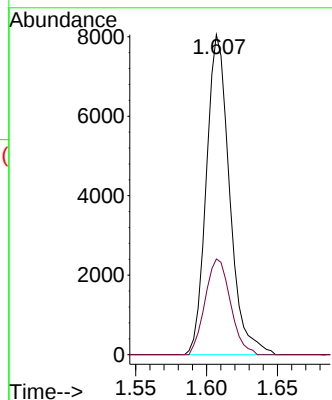
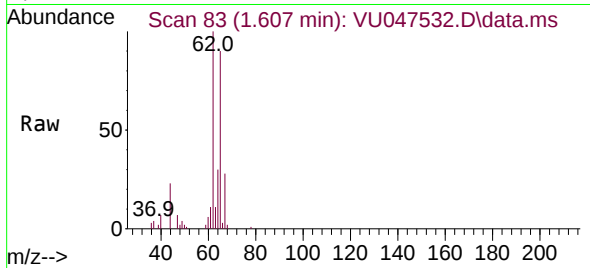




#5
 Vinyl chloride
 Concen: 0.225 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047532.D
 Acq: 14 Mar 2022 13:47

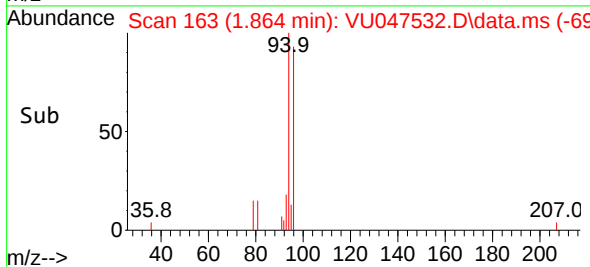
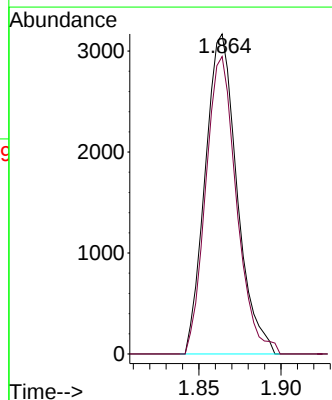
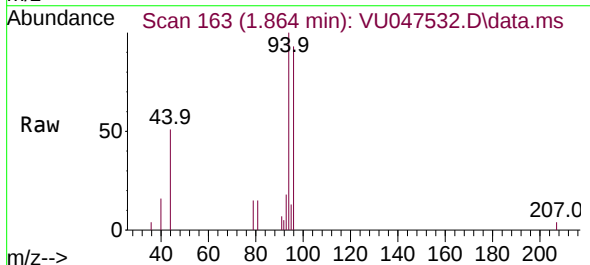
Instrument :
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 ClientSampleId :
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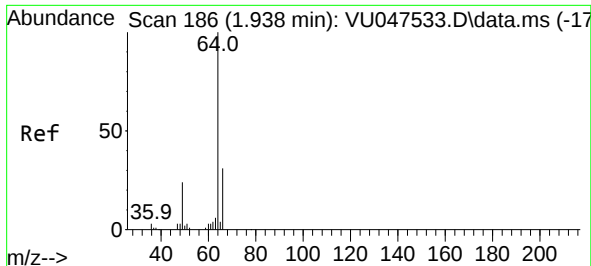
Tgt Ion: 62 Resp: 9173
 Ion Ratio Lower Upper
 62 100
 64 29.9 23.5 43.7



#6
 Bromomethane
 Concen: 0.223 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047532.D
 Acq: 14 Mar 2022 13:47

Tgt Ion: 94 Resp: 4268
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.5 123.5

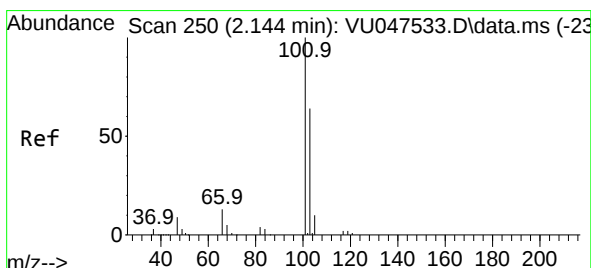
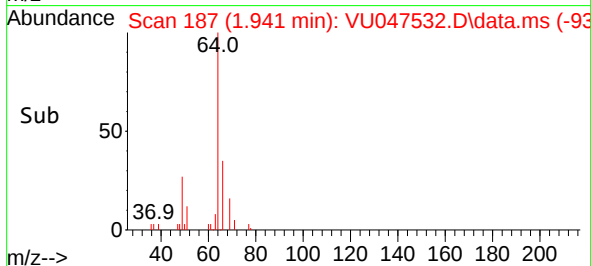
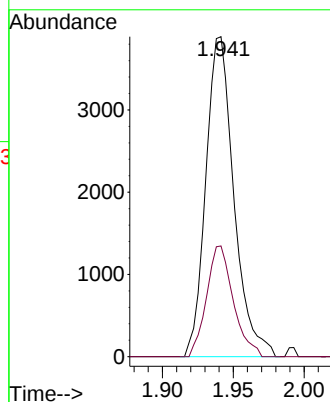
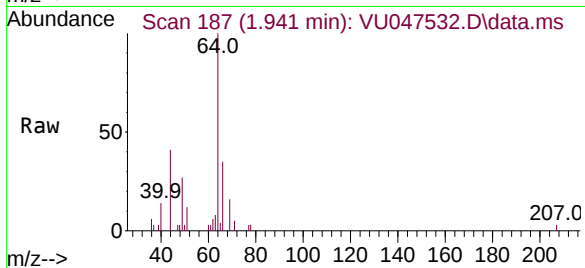




#8
Chloroethane
Concen: 0.218 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

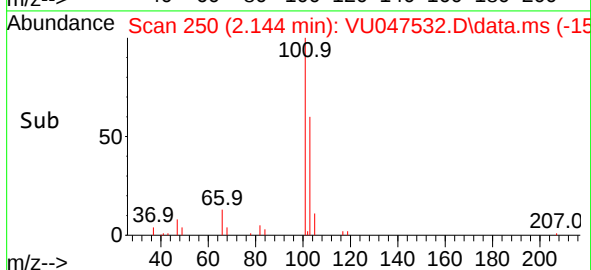
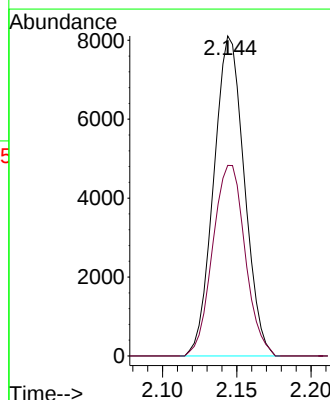
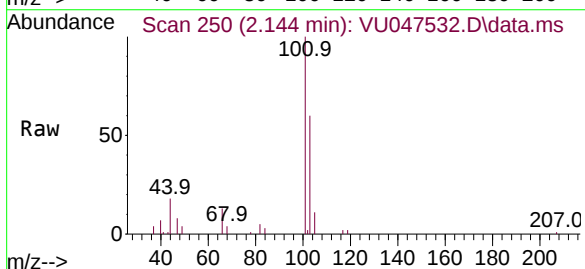
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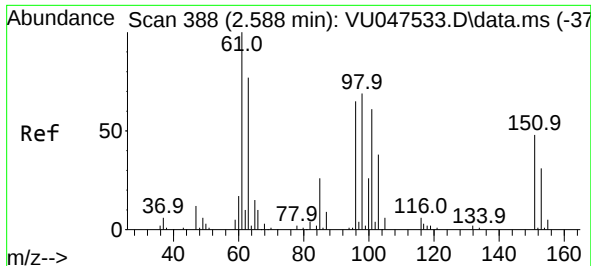
Tgt Ion: 64 Resp: 5361
Ion Ratio Lower Upper
64 100
66 34.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.217 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion:101 Resp: 11614
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

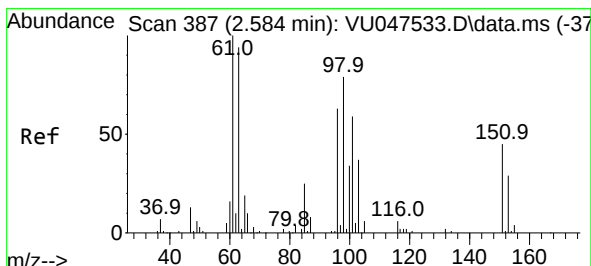
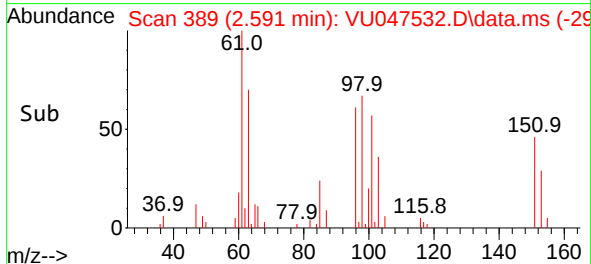
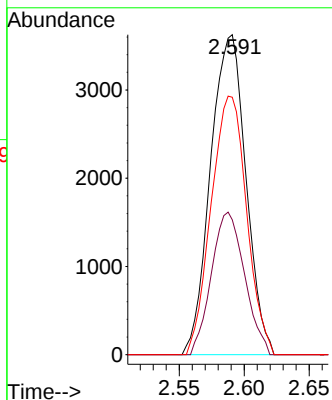
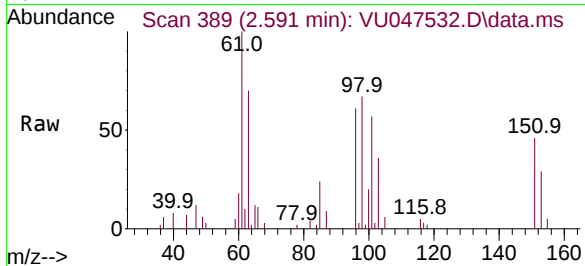




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.204 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

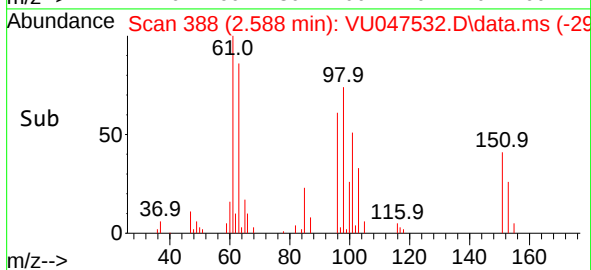
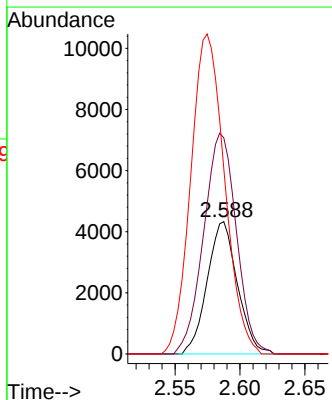
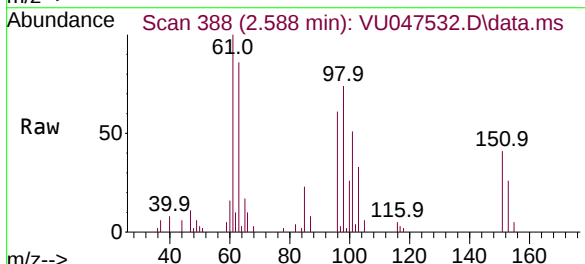
Instrument :
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ClientSampleId :
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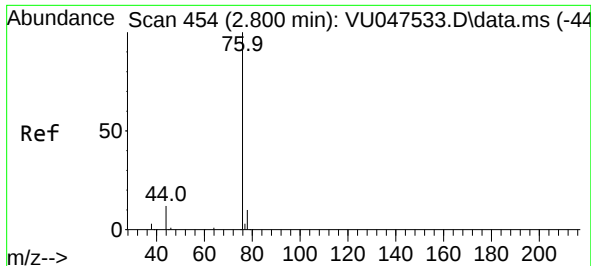
Tgt Ion:101 Resp: 6870
Ion Ratio Lower Upper
101 100
85 41.8 34.0 51.0
151 81.0 63.8 95.6



#12
1,1-Dichloroethene
Concen: 0.215 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 96 Resp: 7000
Ion Ratio Lower Upper
96 100
61 163.3 111.4 207.0
63 140.2 106.6 198.0

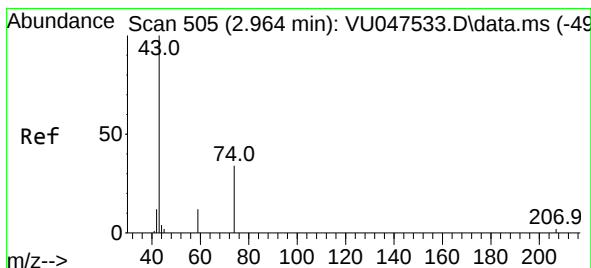
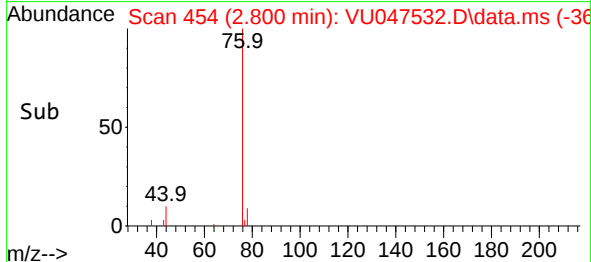
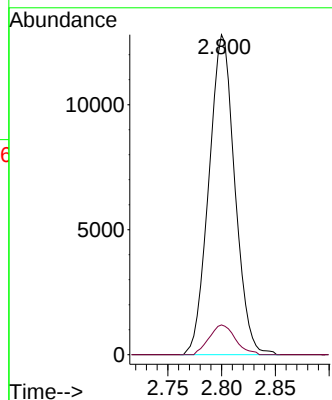
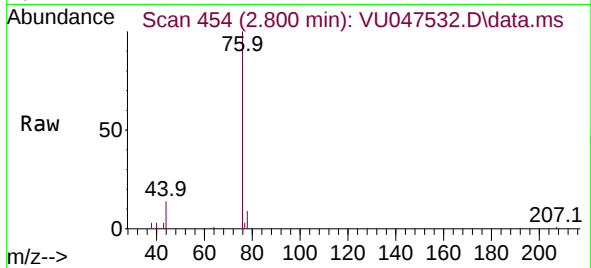




#14
Carbon disulfide
Concen: 0.219 ug/L
RT: 2.800 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

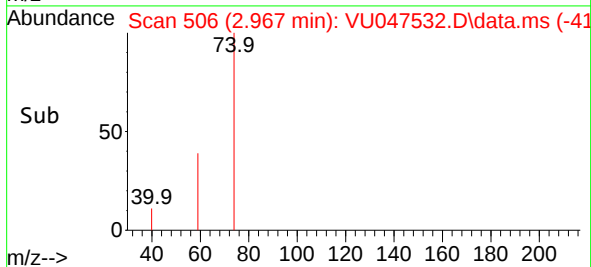
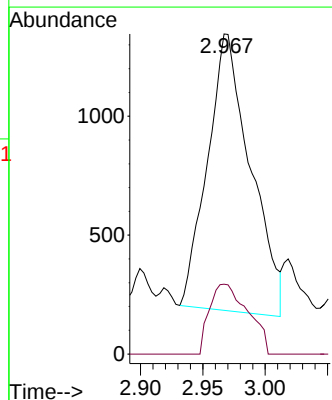
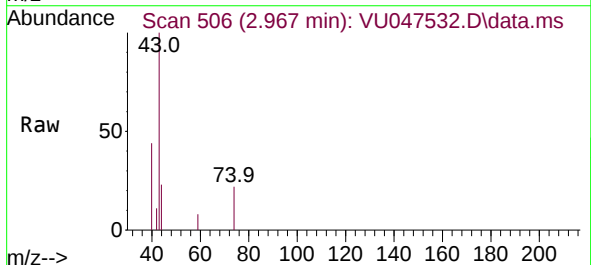
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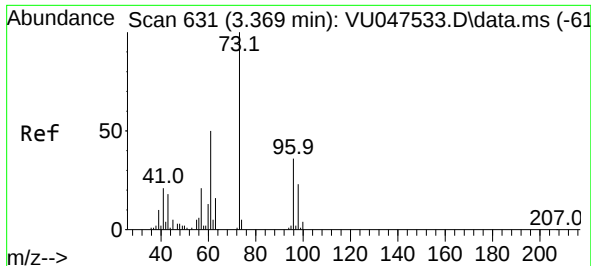
Tgt Ion: 76 Resp: 21466
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



#15
Methyl Acetate
Concen: 0.211 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 43 Resp: 2795
Ion Ratio Lower Upper
43 100
74 22.6 21.8 32.6

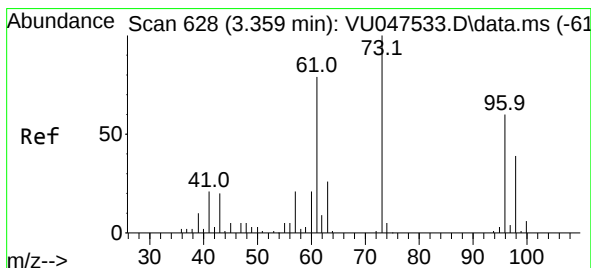
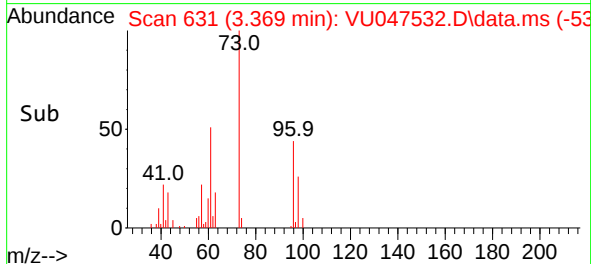
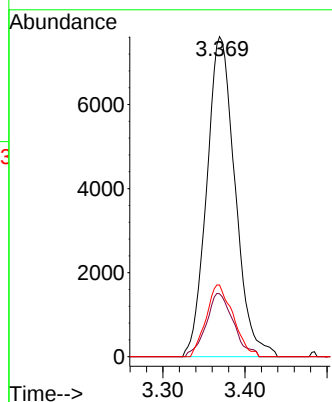
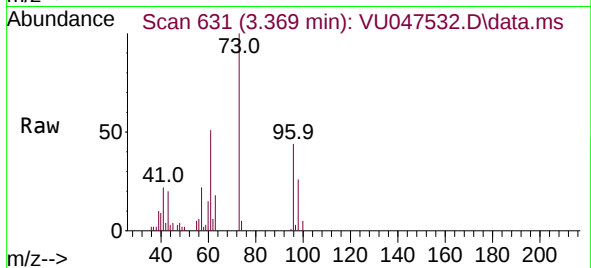




#17
Methyl tert-butyl Ether
Concen: 0.218 ug/L
RT: 3.369 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

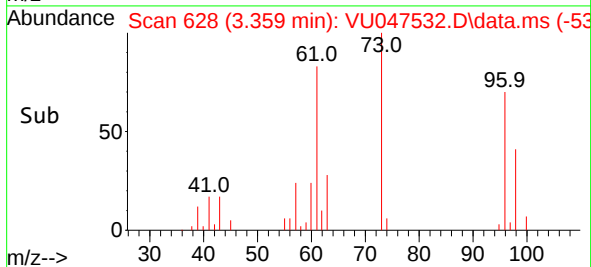
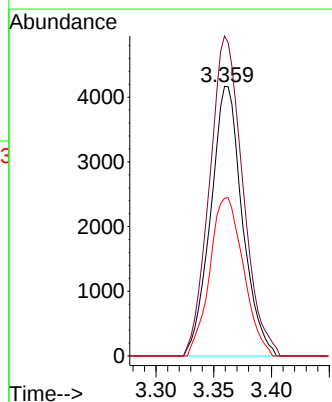
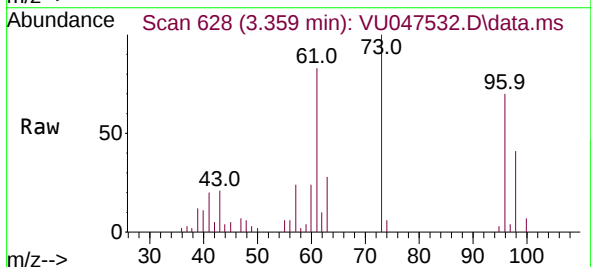
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ClientSampleId :
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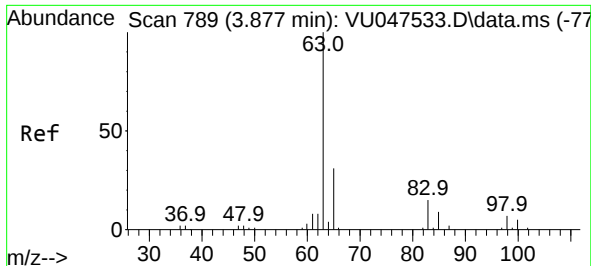
Tgt Ion: 73 Resp: 18263
Ion Ratio Lower Upper
73 100
43 19.0 15.2 22.8
57 21.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 0.226 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 96 Resp: 7941
Ion Ratio Lower Upper
96 100
61 118.7 91.7 170.3
98 58.5 45.1 83.7

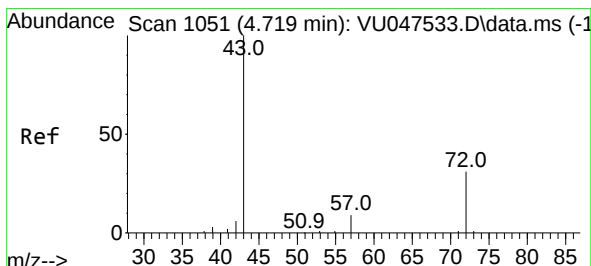
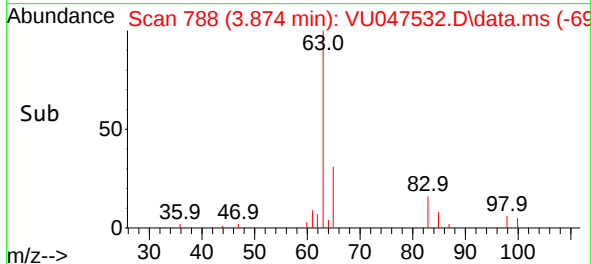
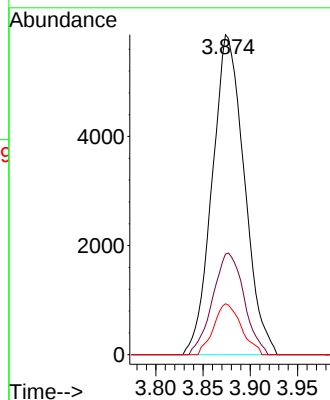
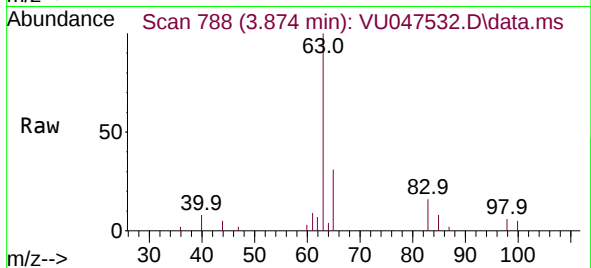




#19
1,1-Dichloroethane
Concen: 0.224 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

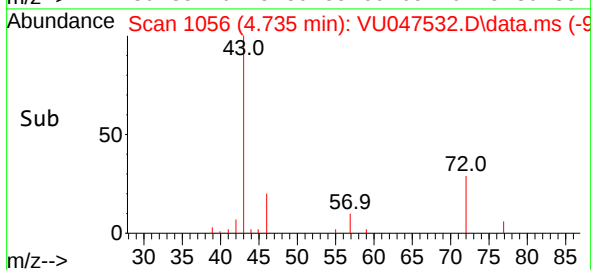
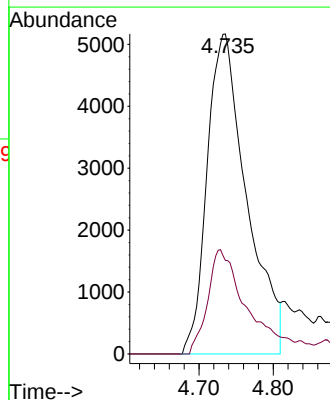
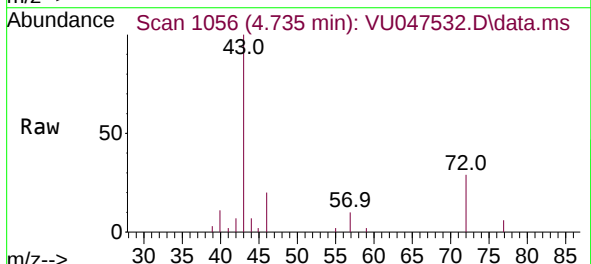
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

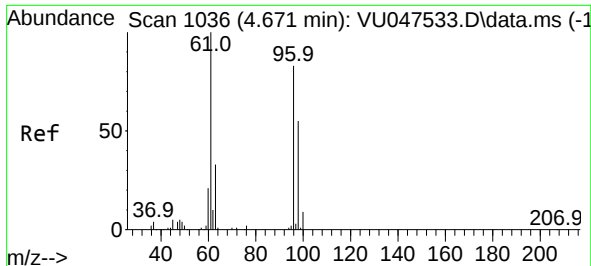
Tgt Ion:	63	Resp:	13827
Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.6
83	15.9	10.8	20.0



#21
2-Butanone
Concen: 2.090 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.016 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion:	43	Resp:	19110
Ion	Ratio	Lower	Upper
43	100		
72	32.3	14.9	44.7





#22

cis-1,2-Dichloroethene

Concen: 0.219 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD001020

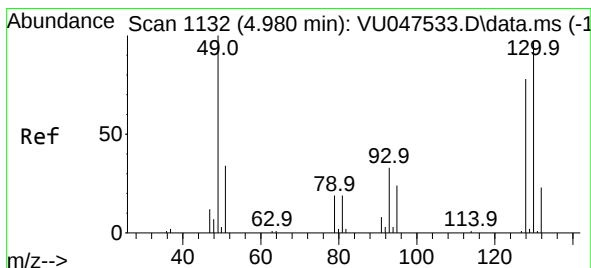
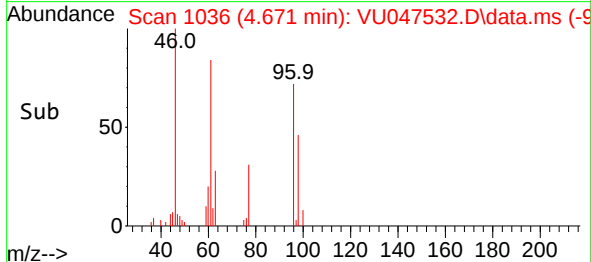
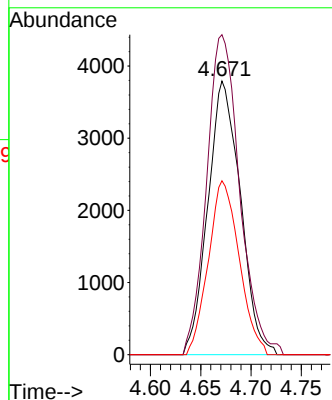
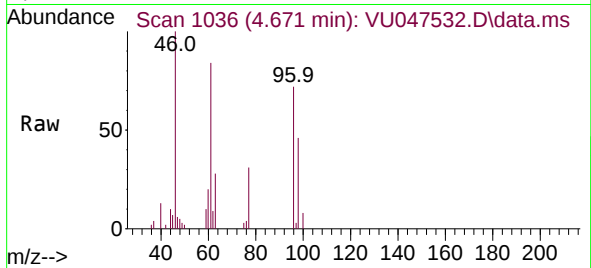
Tgt Ion: 96 Resp: 8536

Ion Ratio Lower Upper

96 100

61 117.0 83.9 155.7

98 63.6 46.4 86.2



#23

Bromochloromethane

Concen: 0.209 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Tgt Ion: 128 Resp: 4119

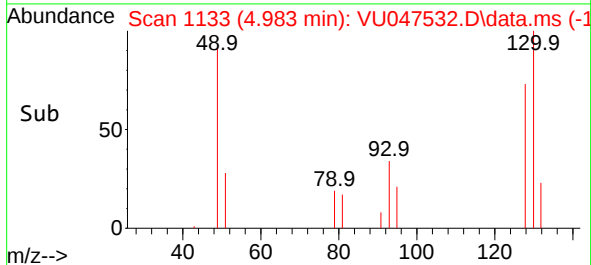
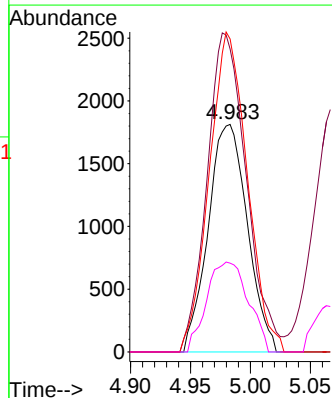
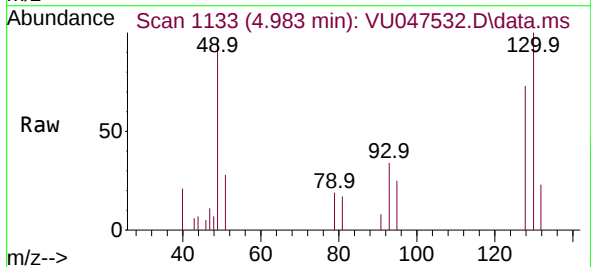
Ion Ratio Lower Upper

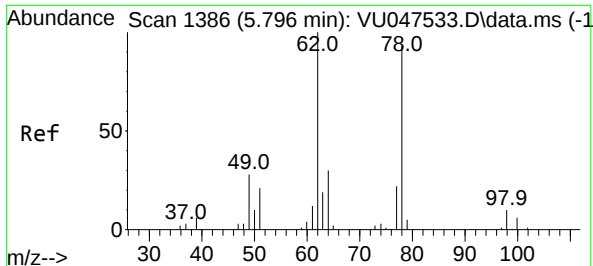
128 100

49 133.1 89.6 166.4

130 137.6 87.3 162.1

51 39.0 34.8 52.2





#27

1,2-Dichloroethane

Concen: 0.219 ug/L

RT: 5.800 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

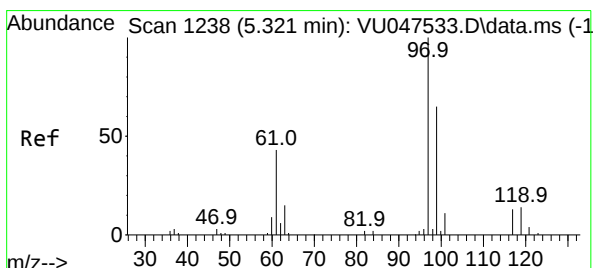
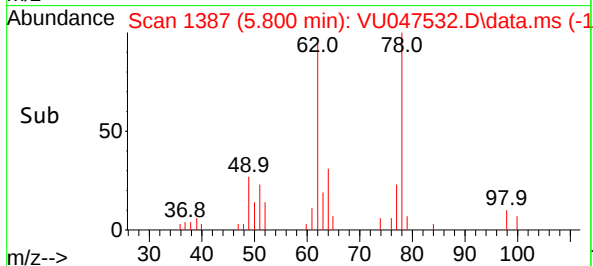
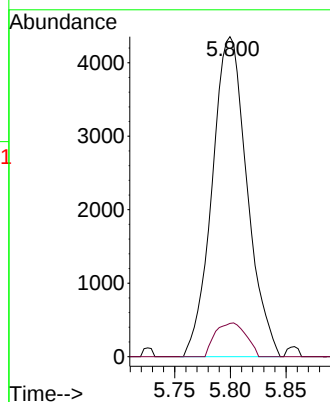
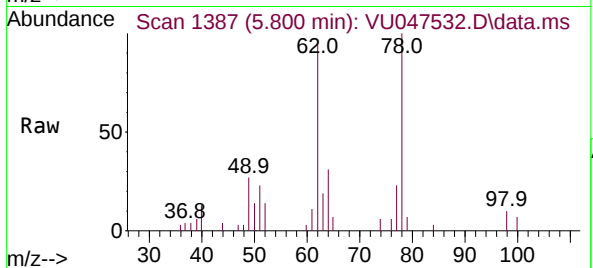
VSTD001020

Tgt Ion: 62 Resp: 9512

Ion Ratio Lower Upper

62 100

98 10.4 7.7 11.5



#29

1,1,1-Trichloroethane

Concen: 0.220 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

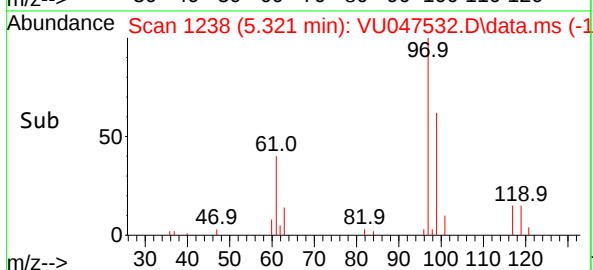
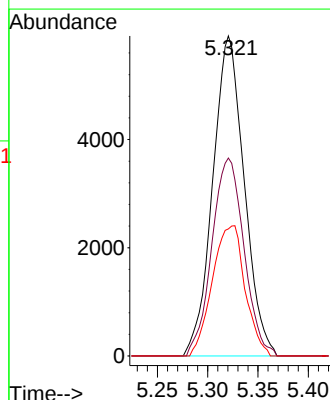
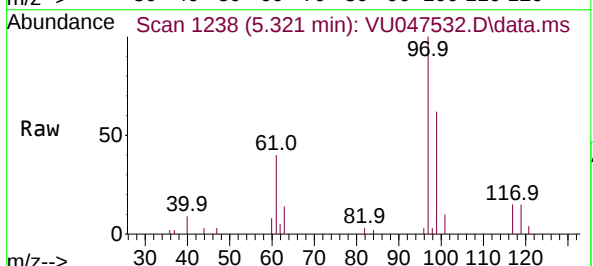
Tgt Ion: 97 Resp: 12874

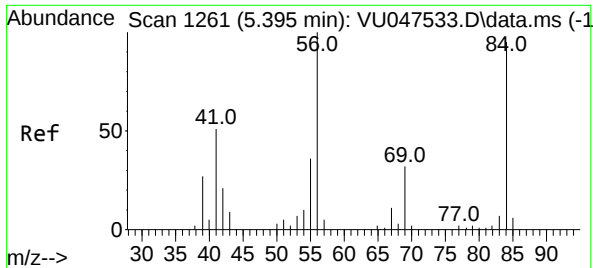
Ion Ratio Lower Upper

97 100

99 63.1 51.2 76.8

61 42.4 35.0 52.4

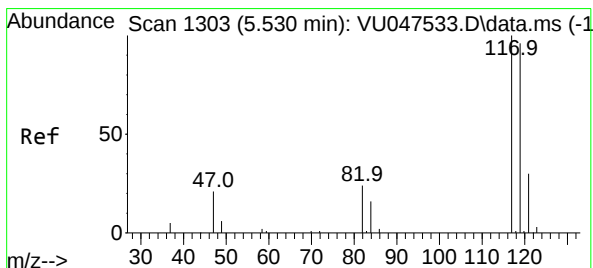
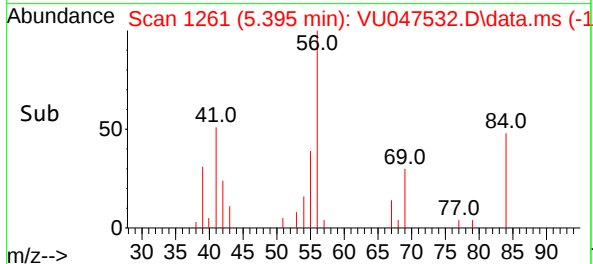
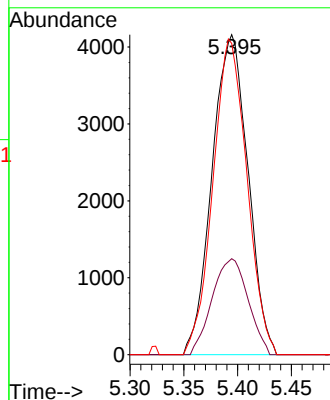
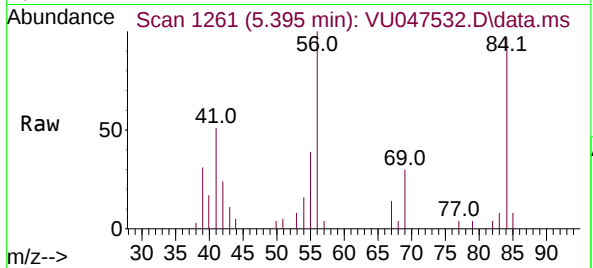




#30
Cyclohexane
Concen: 0.191 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

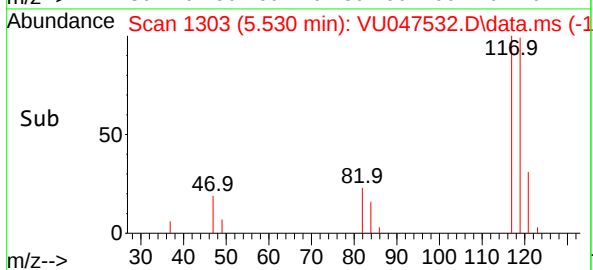
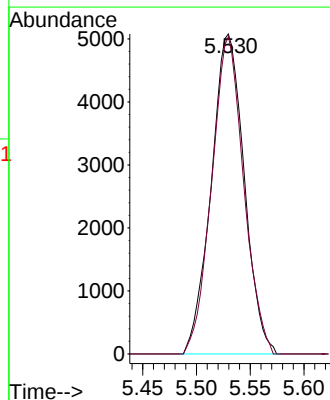
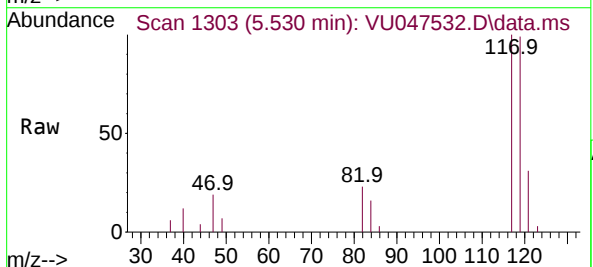
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

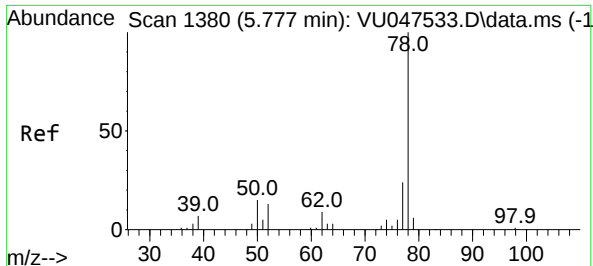
Tgt Ion:	56	Resp:	9648
Ion Ratio	Lower	Upper	
56	100		
69	30.0	26.0	39.0
84	93.4	76.2	114.4



#31
Carbon tetrachloride
Concen: 0.210 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion:	117	Resp:	10826
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.9	115.3

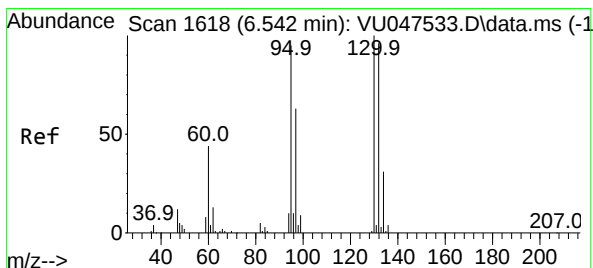
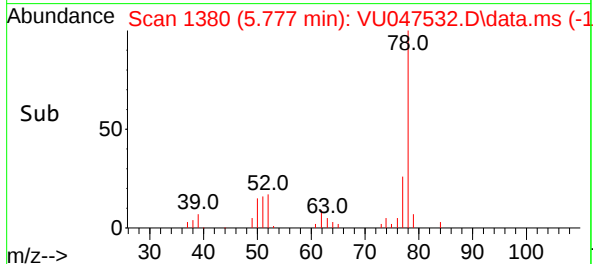
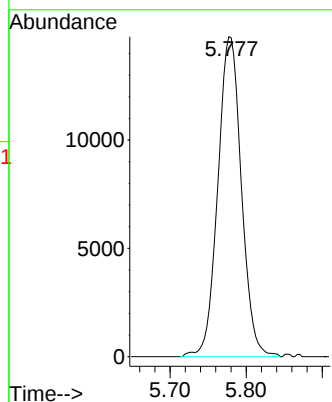
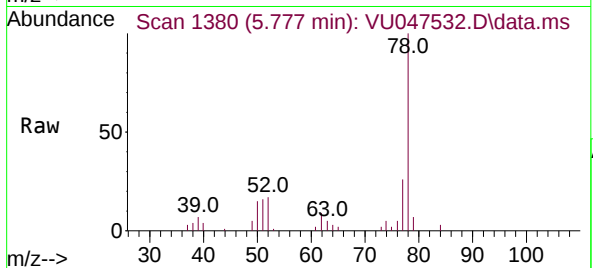




#33
Benzene
Concen: 0.214 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

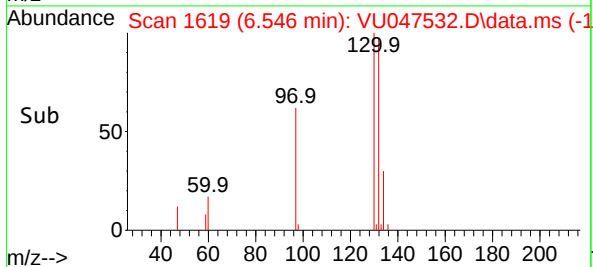
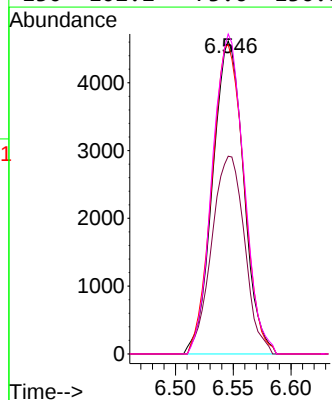
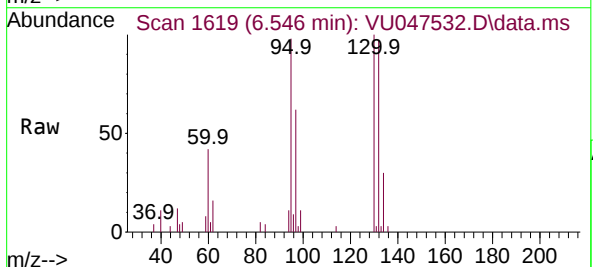
Tgt Ion: 78 Resp: 31778

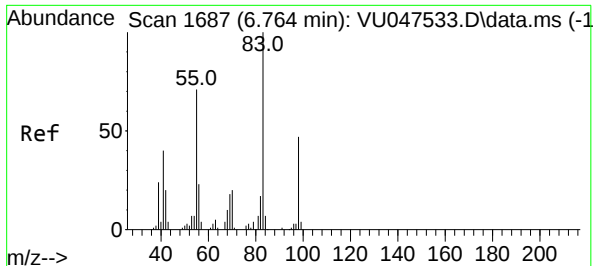


#34
Trichloroethene
Concen: 0.218 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 95 Resp: 8598

Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.3	85.9
132	98.8	70.7	131.3
130	102.2	73.6	136.8





#35

Methylcyclohexane

Concen: 0.188 ug/L

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD001020

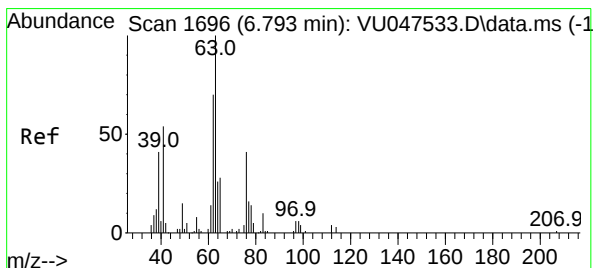
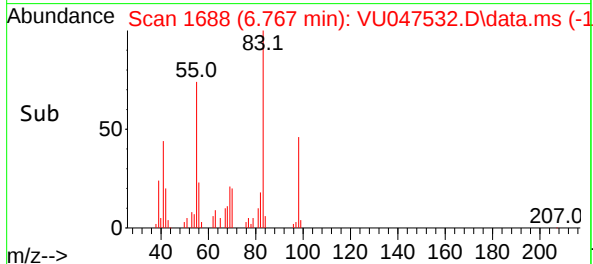
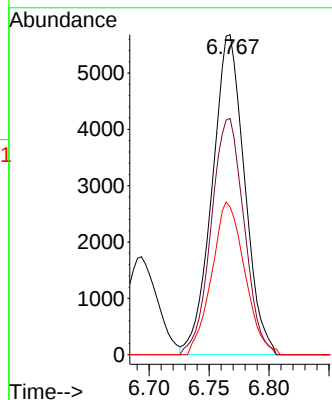
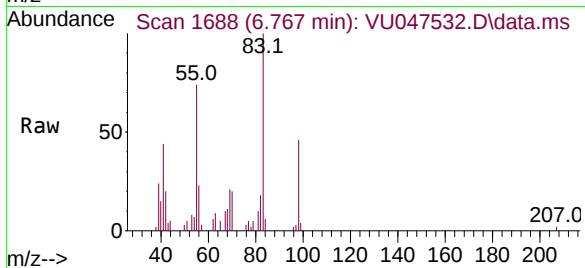
Tgt Ion: 83 Resp: 10661

Ion Ratio Lower Upper

83 100

55 74.9 57.3 85.9

98 48.5 37.5 56.3



#37

1,2-Dichloropropane

Concen: 0.219 ug/L

RT: 6.793 min Scan# 1696

Delta R.T. -0.000 min

Lab File: VU047532.D

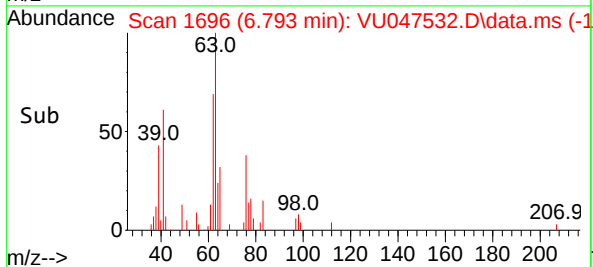
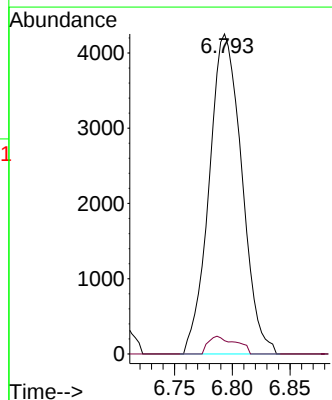
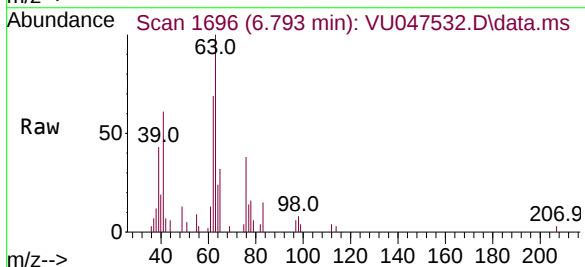
Acq: 14 Mar 2022 13:47

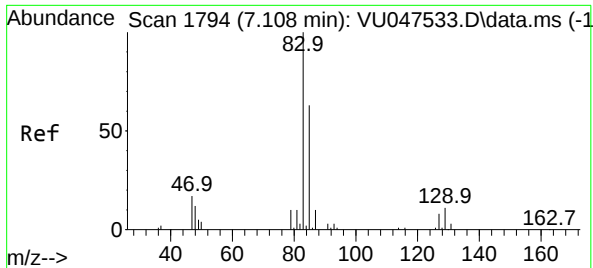
Tgt Ion: 63 Resp: 8350

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0

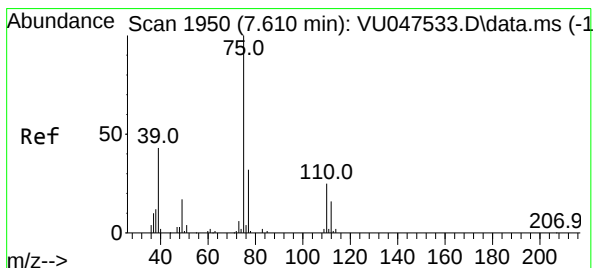
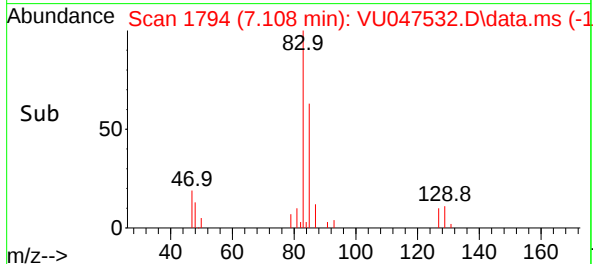
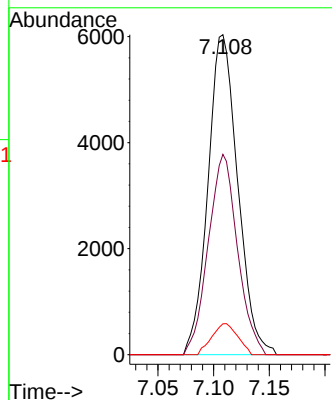
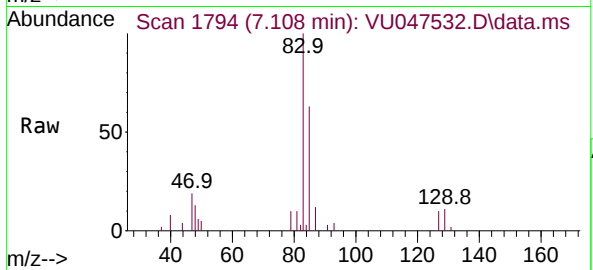




#38
Bromodichloromethane
Concen: 0.214 ug/L
RT: 7.108 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

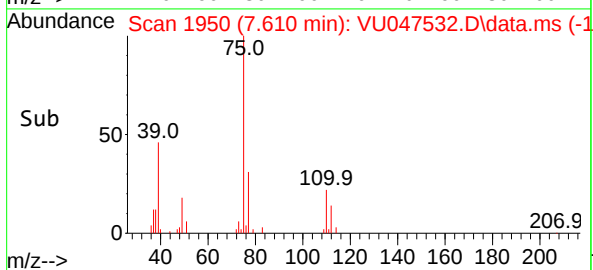
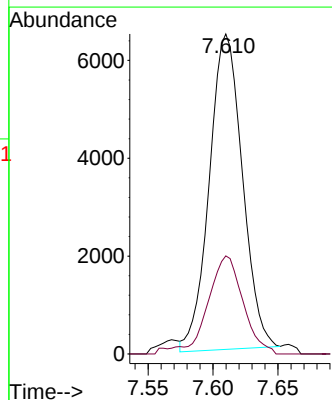
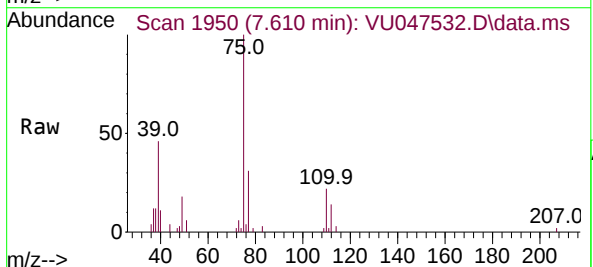
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

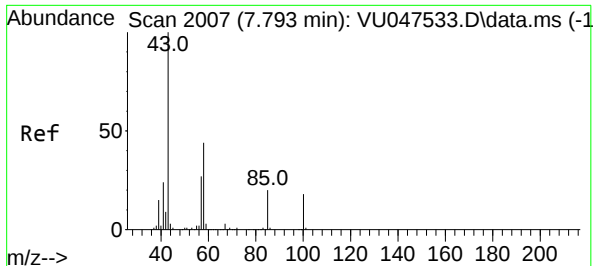
Tgt Ion: 83 Resp: 11229
Ion Ratio Lower Upper
83 100
85 62.6 44.2 82.0
127 9.6 6.4 9.6#



#39
cis-1,3-Dichloropropene
Concen: 0.193 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 75 Resp: 11424
Ion Ratio Lower Upper
75 100
77 30.7 22.6 42.0





#40

4-Methyl-2-pentanone

Concen: 2.005 ug/L

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD001020

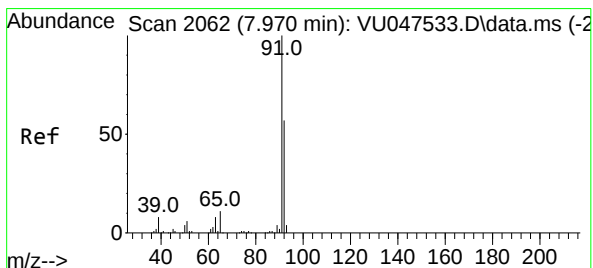
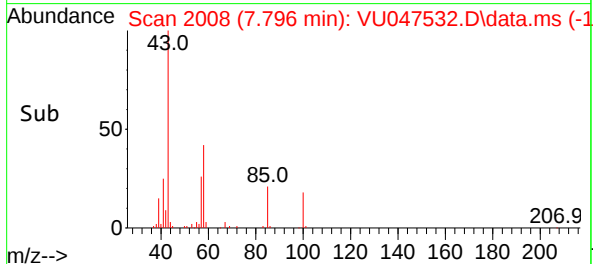
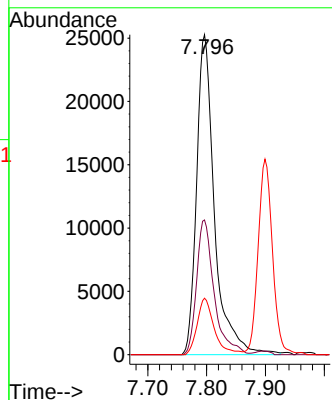
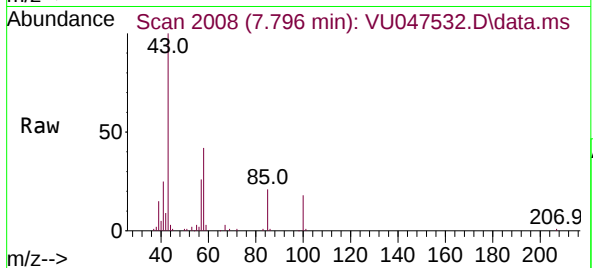
Tgt Ion: 43 Resp: 53291

Ion Ratio Lower Upper

43 100

58 41.3 34.5 51.7

100 16.9 13.8 20.6



#42

Toluene

Concen: 0.209 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047532.D

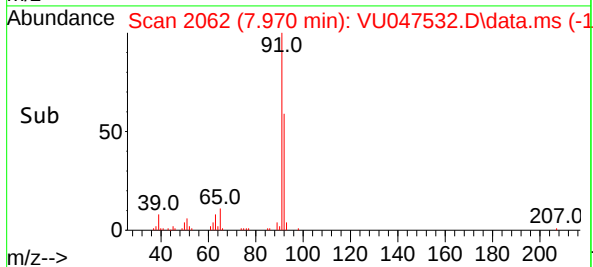
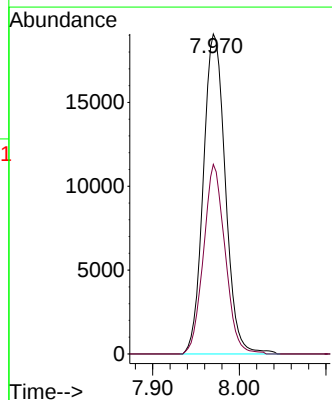
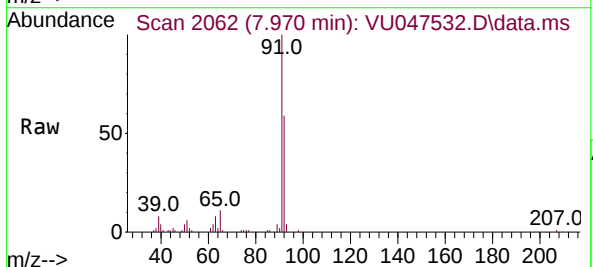
Acq: 14 Mar 2022 13:47

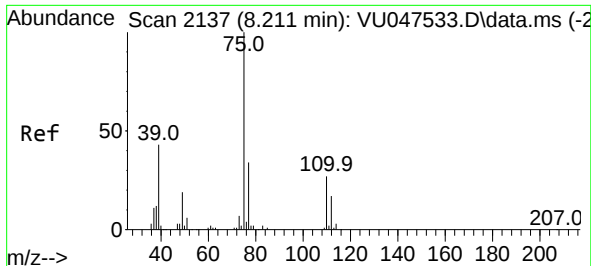
Tgt Ion: 91 Resp: 33694

Ion Ratio Lower Upper

91 100

92 59.3 40.2 74.6

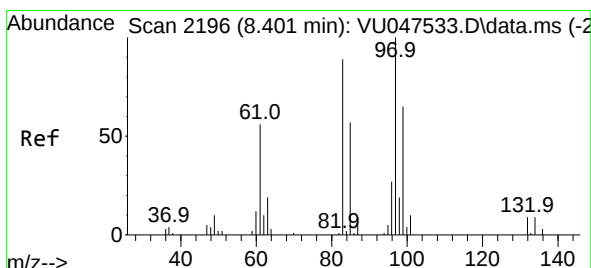
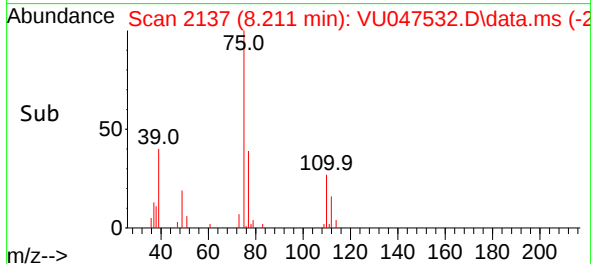
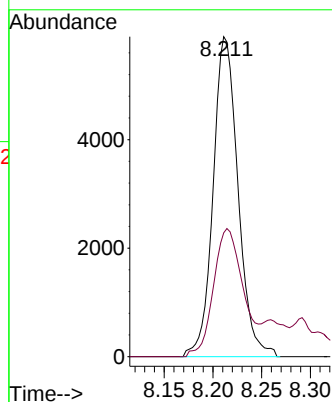
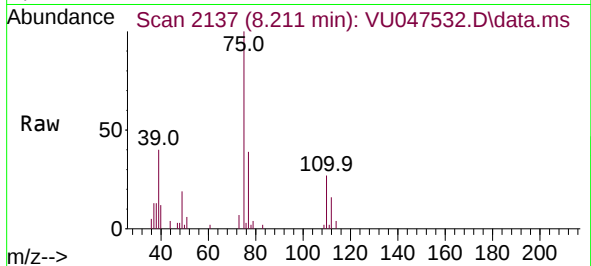




#44
trans-1,3-Dichloropropene
Concen: 0.198 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

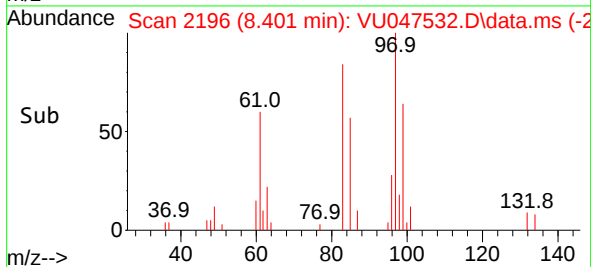
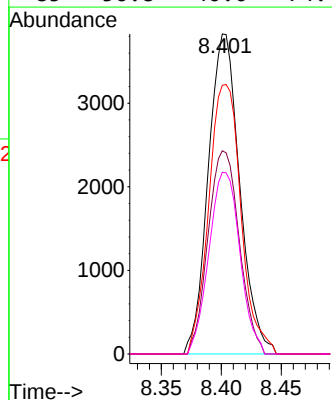
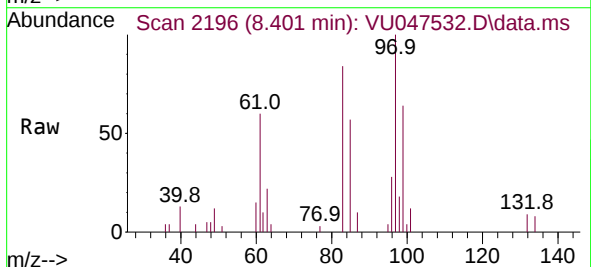
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

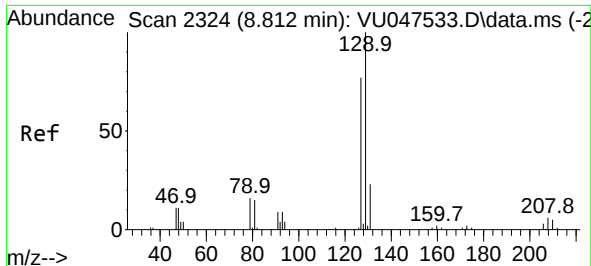
Tgt Ion: 75 Resp: 10488
Ion Ratio Lower Upper
75 100
77 38.7 23.4 43.6



#45
1,1,2-Trichloroethane
Concen: 0.214 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 97 Resp: 6981
Ion Ratio Lower Upper
97 100
99 63.5 45.3 84.1
83 83.9 62.2 115.6
85 56.8 40.0 74.4





#49

Dibromochloromethane

Concen: 0.206 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

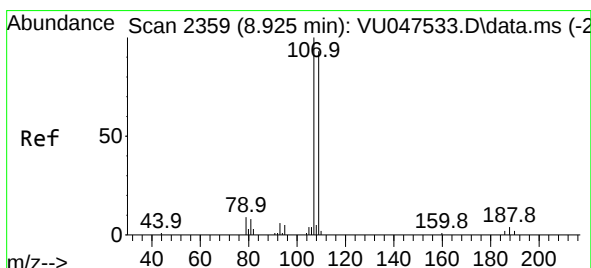
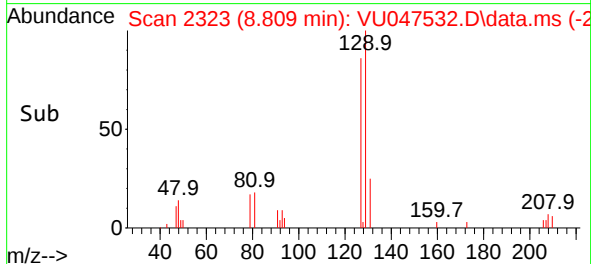
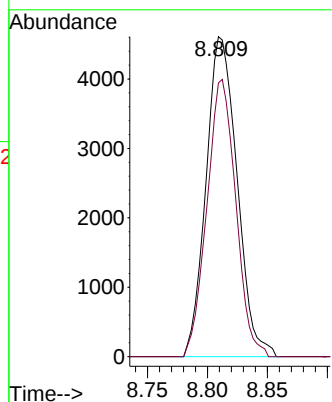
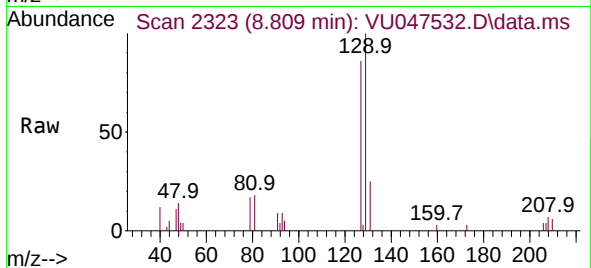
VSTD001020

Tgt Ion:129 Resp: 8291

Ion Ratio Lower Upper

129 100

127 85.6 53.6 99.6



#50

1,2-Dibromoethane

Concen: 0.214 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.000 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

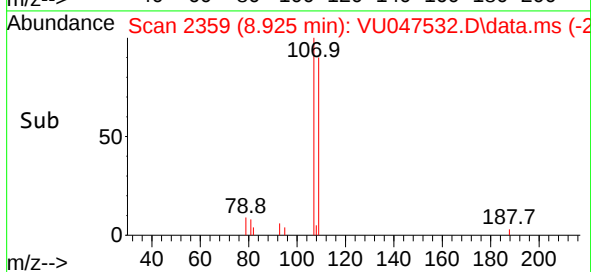
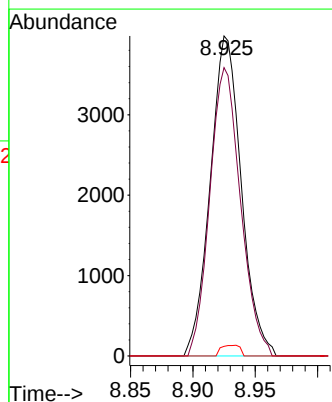
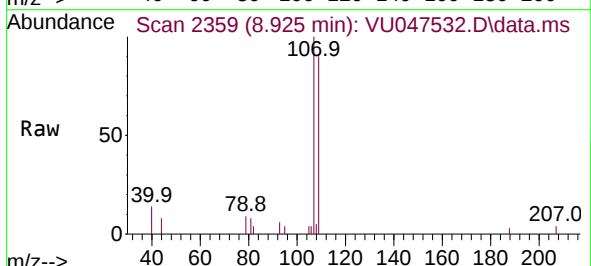
Tgt Ion:107 Resp: 6907

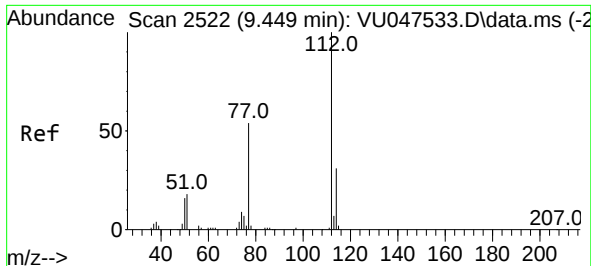
Ion Ratio Lower Upper

107 100

109 90.1 65.3 121.3

188 3.0 3.2 4.8#

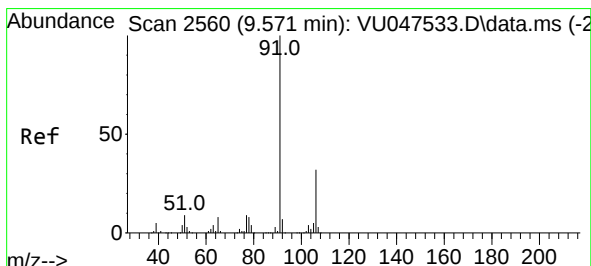
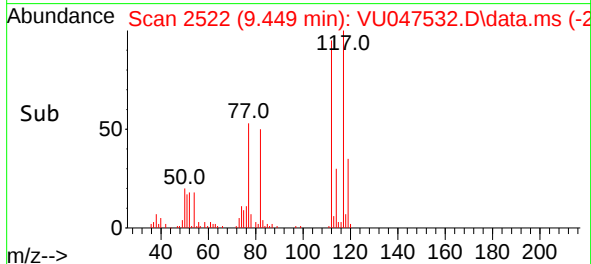
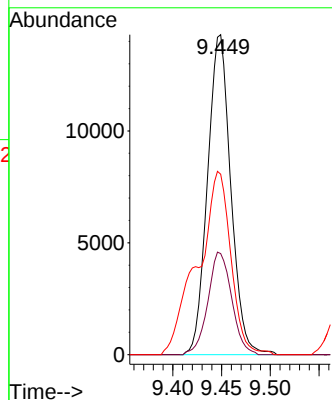
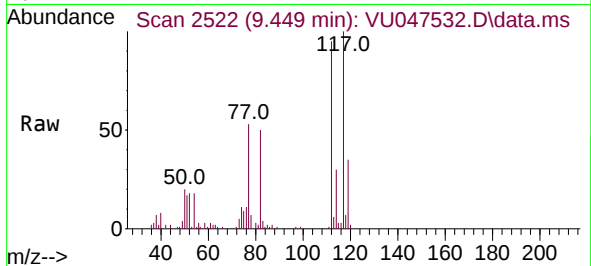




#51
Chlorobenzene
Concen: 0.216 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

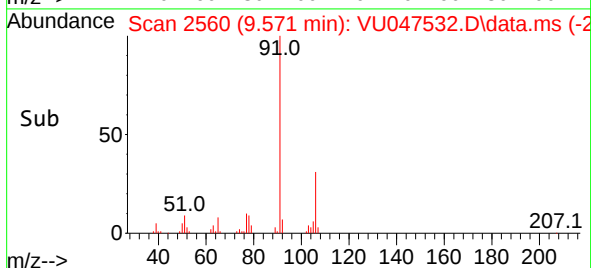
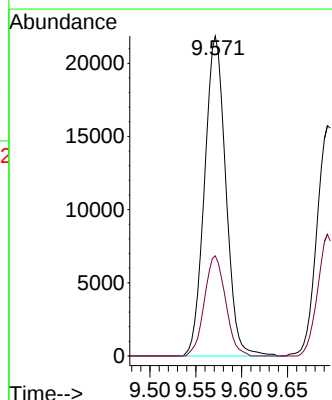
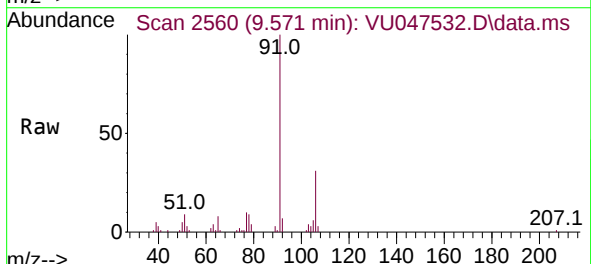
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

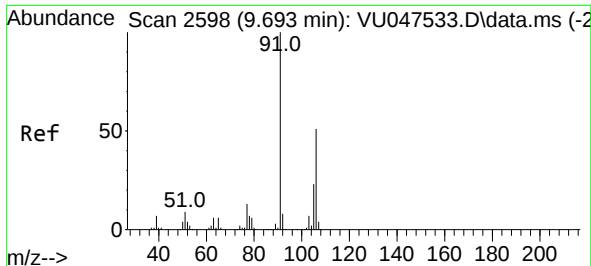
Tgt Ion: 112 Resp: 23800
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 56.4 43.7 65.5



#52
Ethylbenzene
Concen: 0.206 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 91 Resp: 35198
Ion Ratio Lower Upper
91 100
106 31.3 22.2 41.2

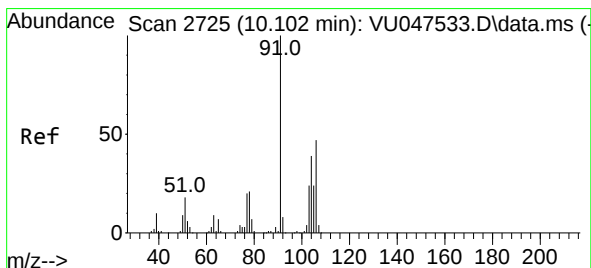
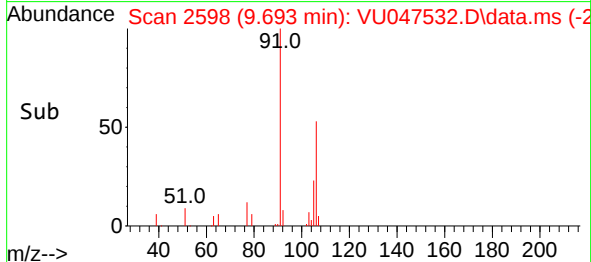
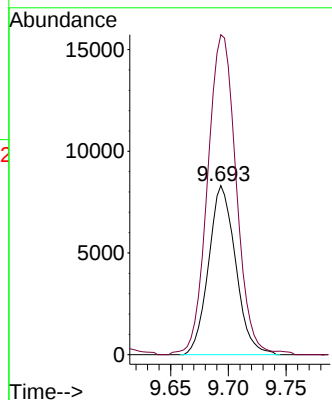
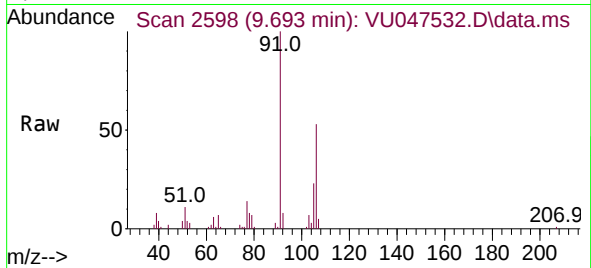




#53
m,p-Xylene
Concen: 0.205 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

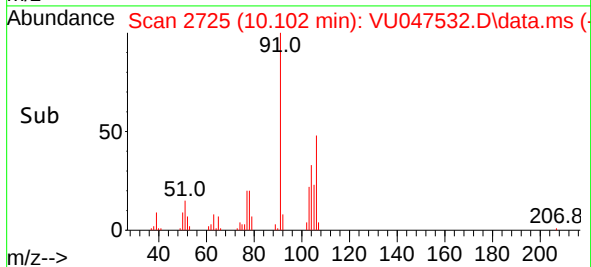
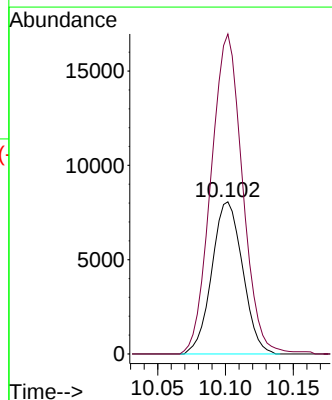
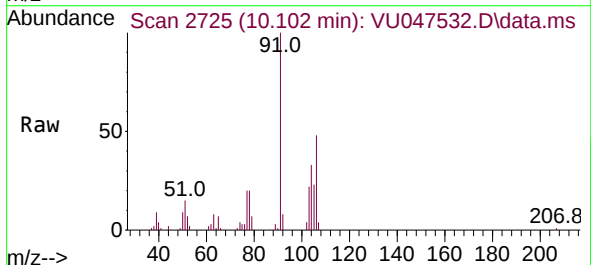
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

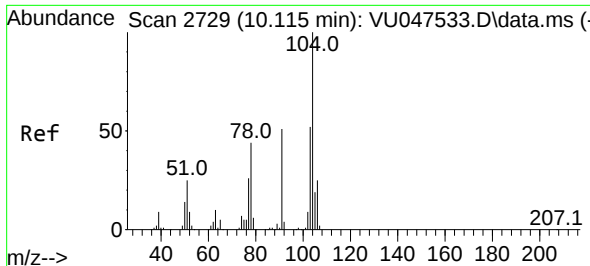
Tgt Ion:106 Resp: 13532
Ion Ratio Lower Upper
106 100
91 189.2 136.6 253.8



#54
o-Xylene
Concen: 0.195 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion:106 Resp: 12746
Ion Ratio Lower Upper
106 100
91 210.4 148.5 275.9

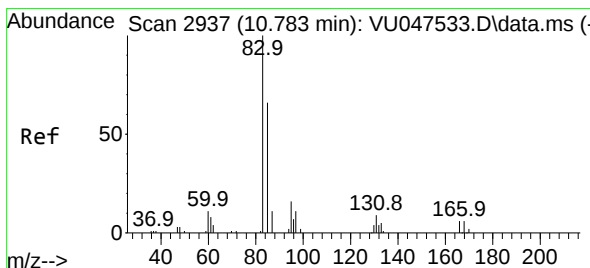
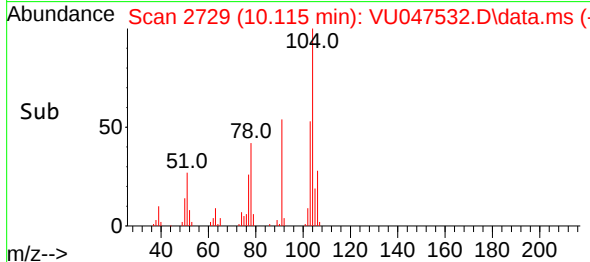
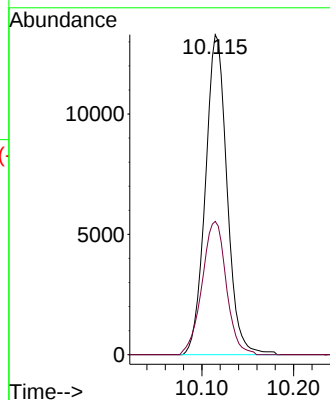
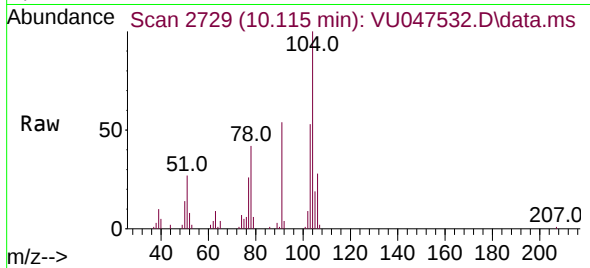




#55
Styrene
Concen: 0.195 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

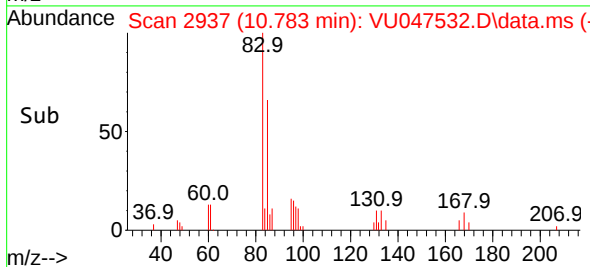
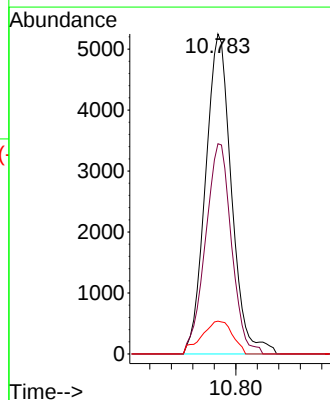
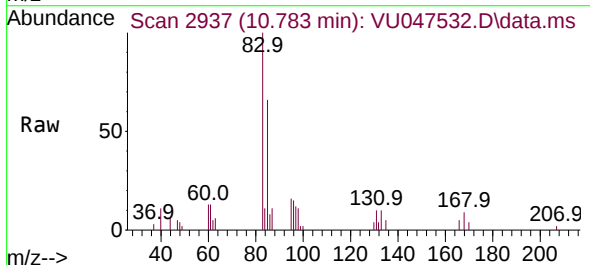
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

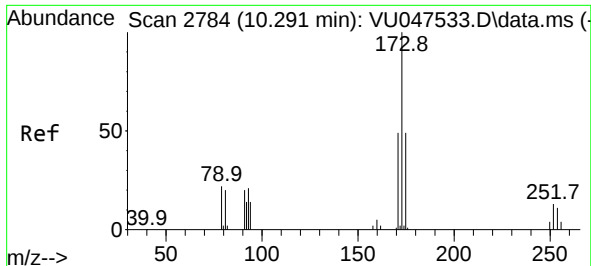
Tgt Ion:104 Resp: 21812
Ion Ratio Lower Upper
104 100
78 41.7 31.0 57.6



#57
1,1,2,2-Tetrachloroethane
Concen: 0.200 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion: 83 Resp: 8768
Ion Ratio Lower Upper
83 100
85 65.7 46.7 86.7
131 10.3 8.0 12.0

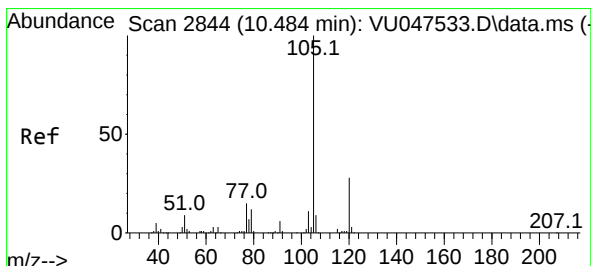
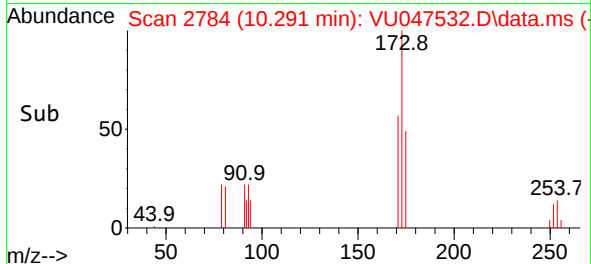
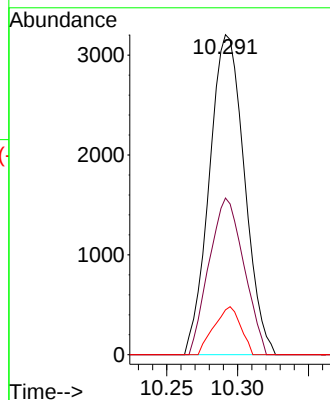
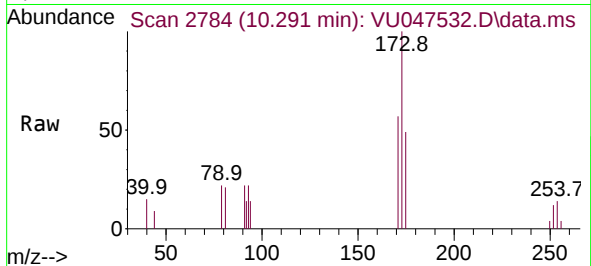




#59
Bromoform
Concen: 0.203 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

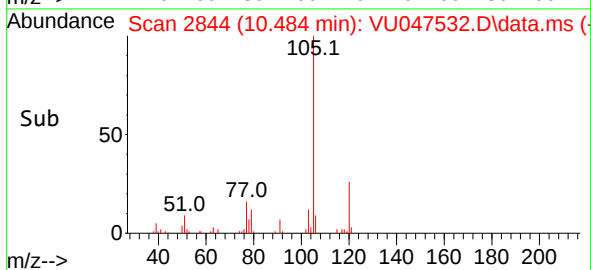
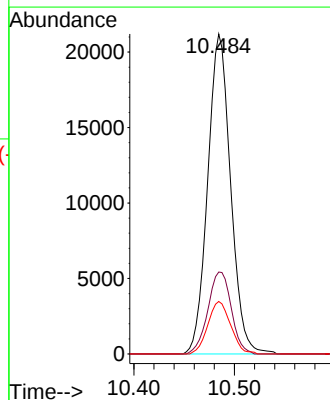
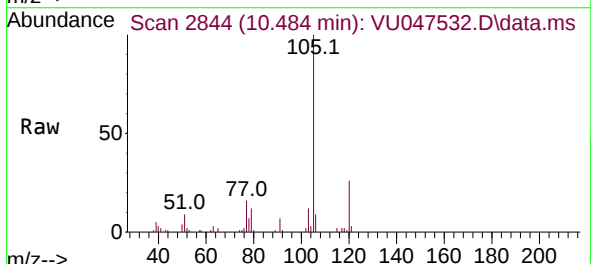
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

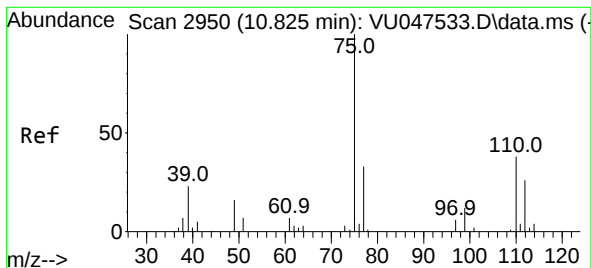
Tgt Ion:173 Resp: 5512
Ion Ratio Lower Upper
173 100
175 48.5 39.7 59.5
254 11.4 9.0 13.6



#60
Isopropylbenzene
Concen: 0.193 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion:105 Resp: 33566
Ion Ratio Lower Upper
105 100
120 26.1 22.2 33.4
77 16.3 12.2 18.4





#61

1,2,3-Trichloropropane

Concen: 0.201 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD001020

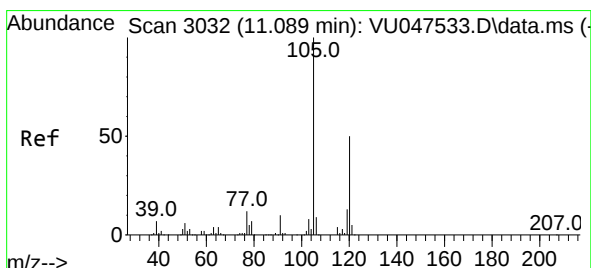
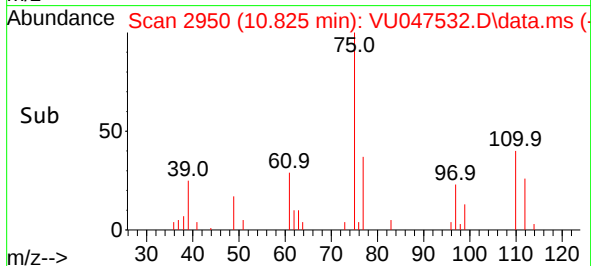
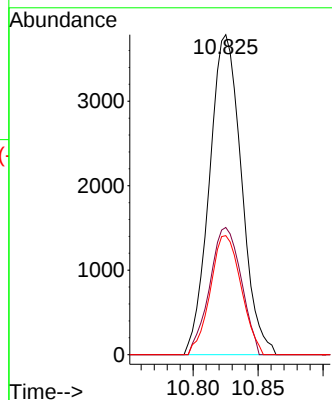
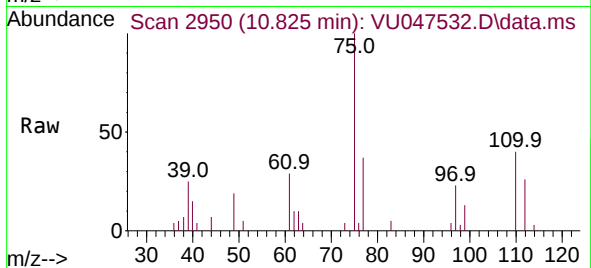
Tgt Ion: 75 Resp: 6488

Ion Ratio Lower Upper

75 100

110 39.1 30.2 45.4

77 35.9 26.6 39.8



#62

1,3,5-Trimethylbenzene

Concen: 0.182 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047532.D

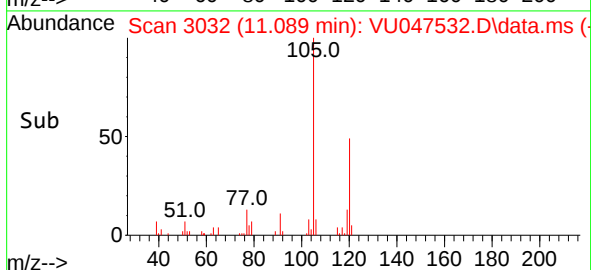
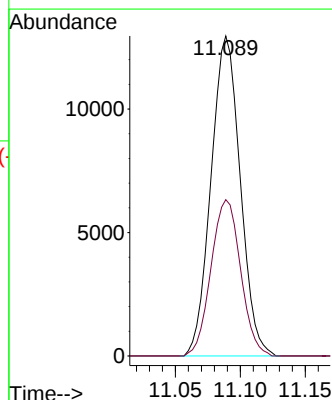
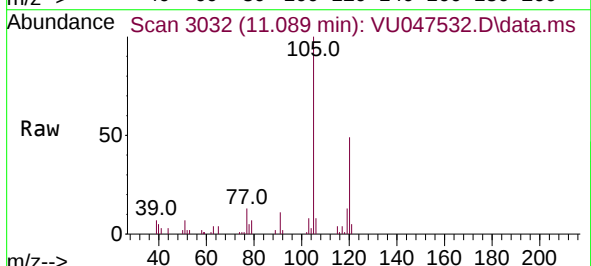
Acq: 14 Mar 2022 13:47

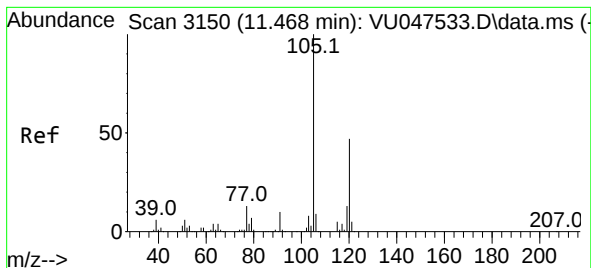
Tgt Ion: 105 Resp: 20245

Ion Ratio Lower Upper

105 100

120 49.5 40.2 60.4





#63

1,2,4-Trimethylbenzene

Concen: 0.175 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

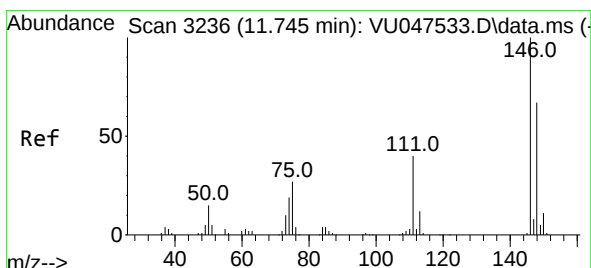
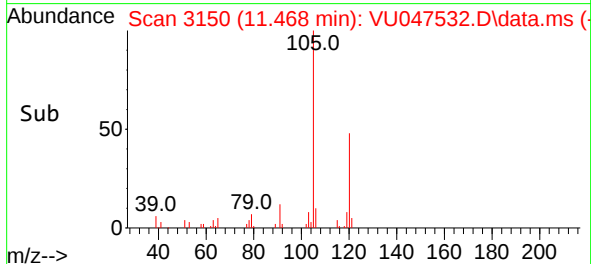
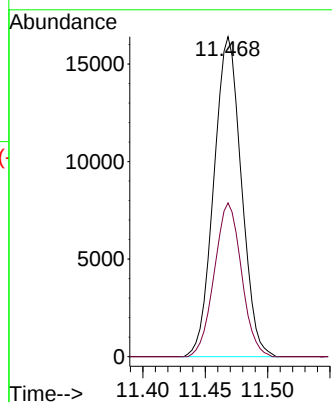
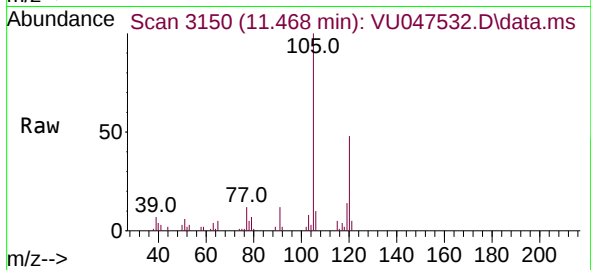
VSTD001020

Tgt Ion:105 Resp: 25212

Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.4



#64

1,3-Dichlorobenzene

Concen: 0.196 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

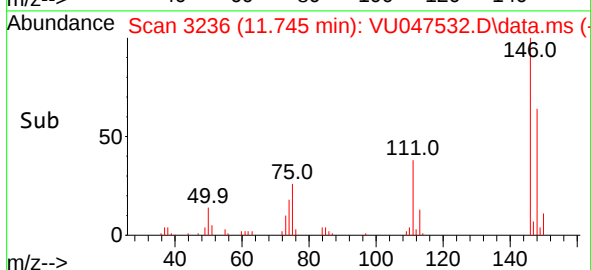
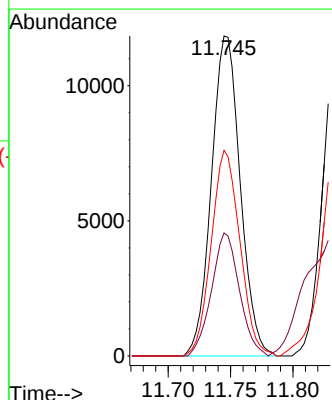
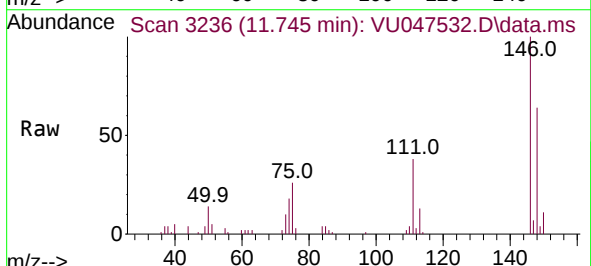
Tgt Ion:146 Resp: 19088

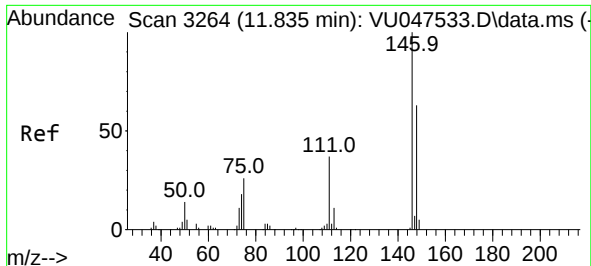
Ion Ratio Lower Upper

146 100

111 38.5 27.7 51.5

148 64.3 46.5 86.5

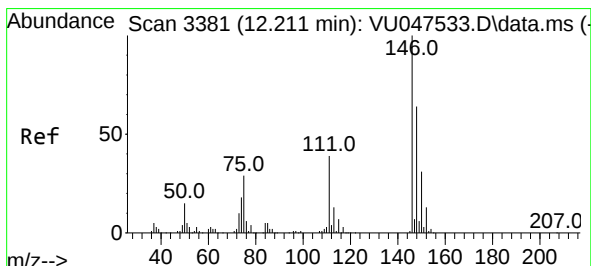
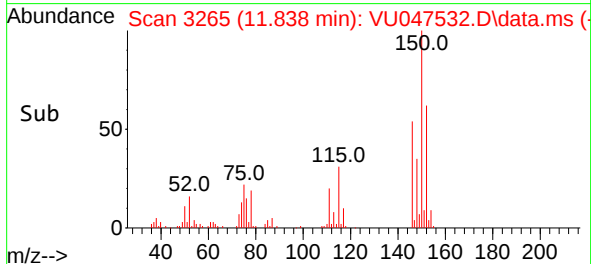
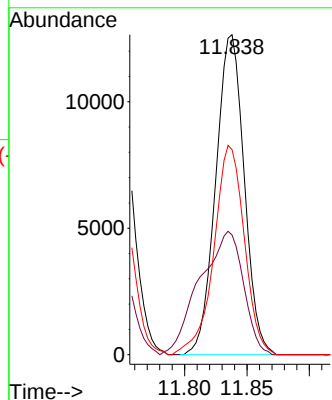
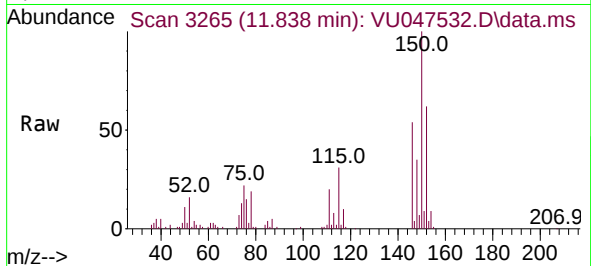




#65
1,4-Dichlorobenzene
Concen: 0.203 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

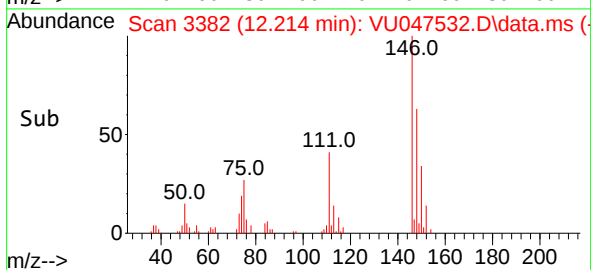
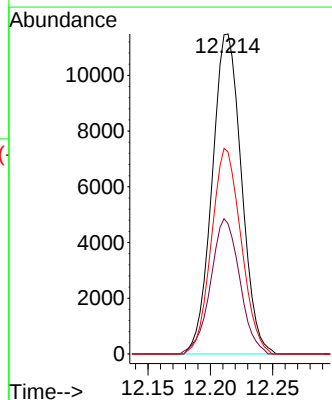
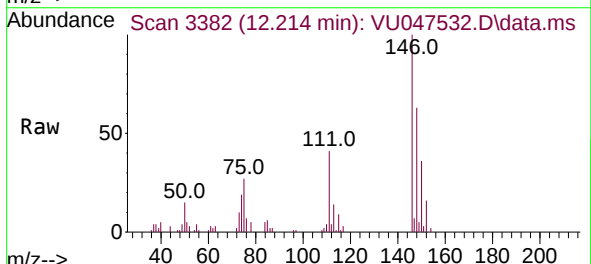
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

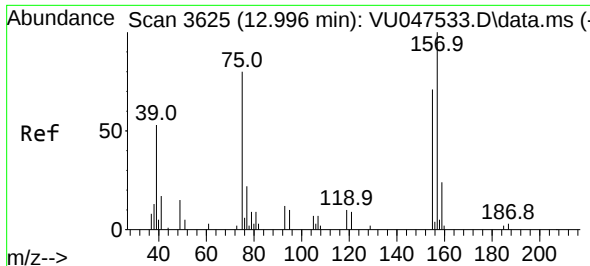
Tgt Ion:146 Resp: 20127
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.8
148 64.1 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 0.196 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

Tgt Ion:146 Resp: 18816
Ion Ratio Lower Upper
146 100
111 40.7 31.4 47.0
148 63.2 50.9 76.3





#68

1,2-Dibromo-3-chloropropane

Concen: 0.190 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD001020

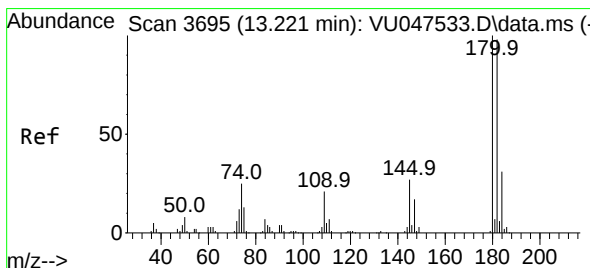
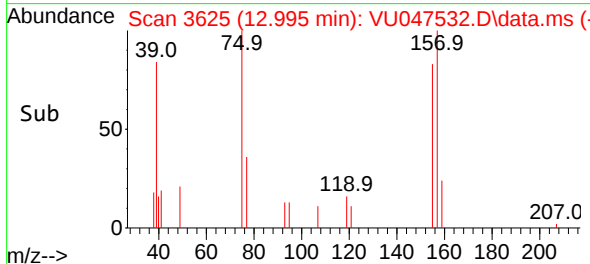
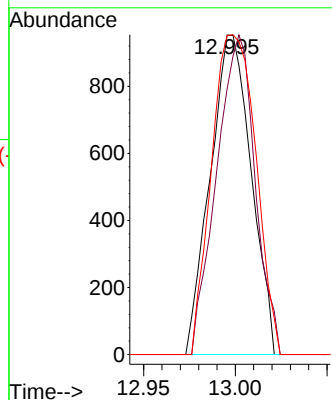
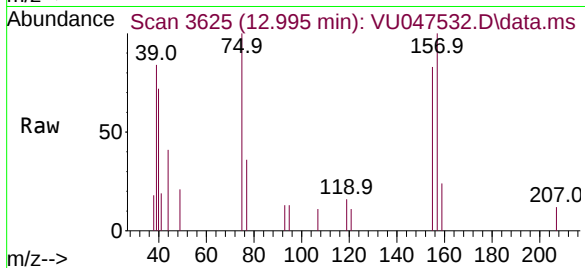
Tgt Ion: 75 Resp: 1478

Ion Ratio Lower Upper

75 100

155 83.1 70.8 106.2

157 99.8 99.4 149.2



#69

1,3,5-Trichlorobenzene

Concen: 0.189 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU047532.D

Acq: 14 Mar 2022 13:47

Tgt Ion:180 Resp: 15502

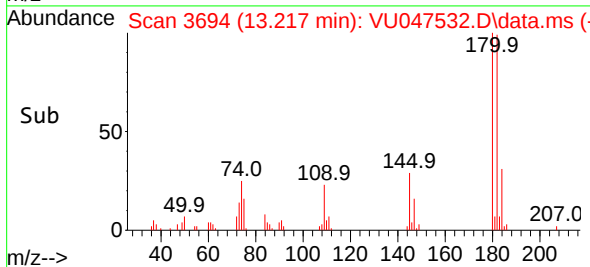
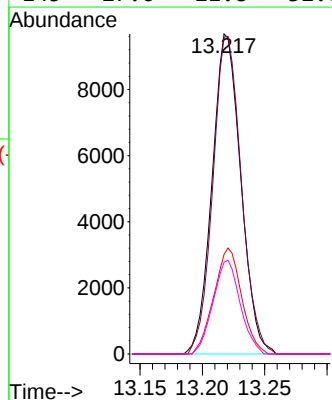
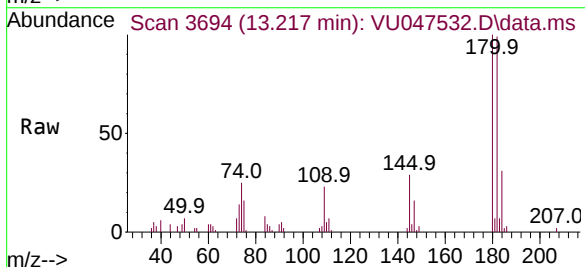
Ion Ratio Lower Upper

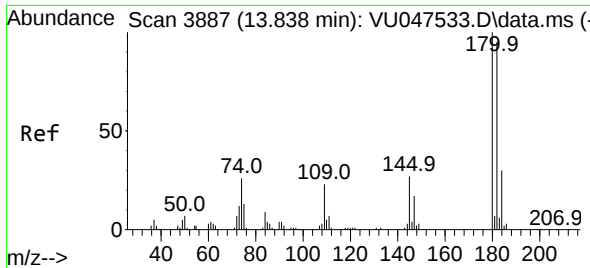
180 100

182 98.2 77.3 115.9

184 32.0 24.3 36.5

145 27.6 21.8 32.6

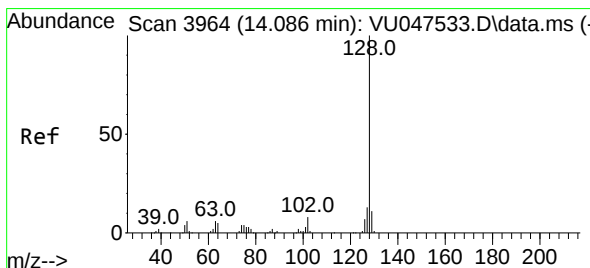
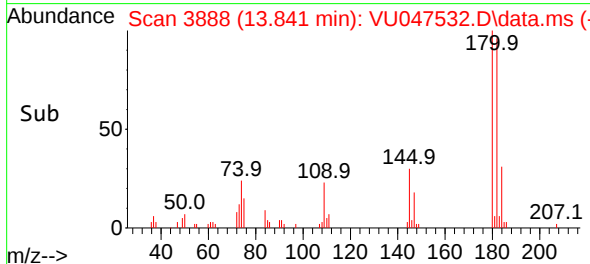
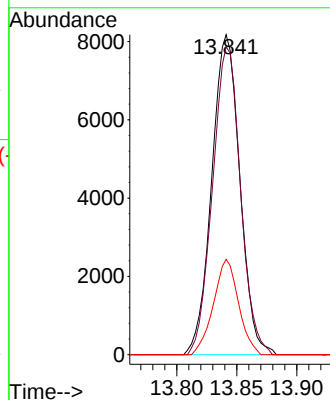
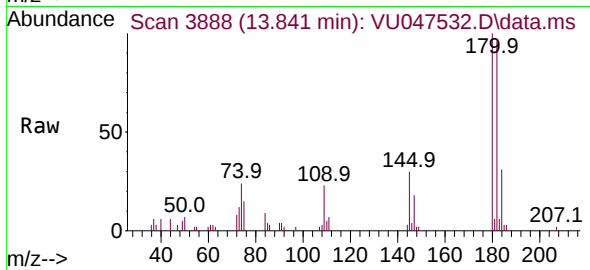




#70
1,2,4-trichlorobenzene
Concen: 0.184 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

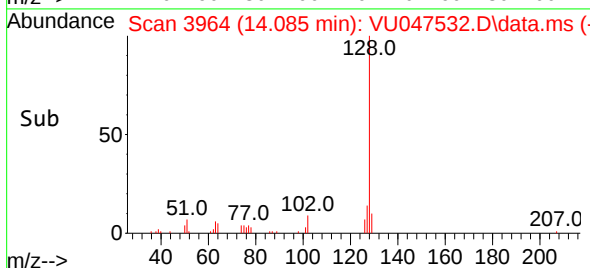
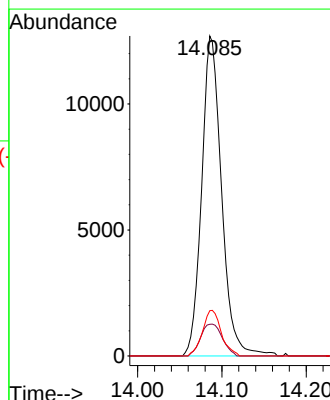
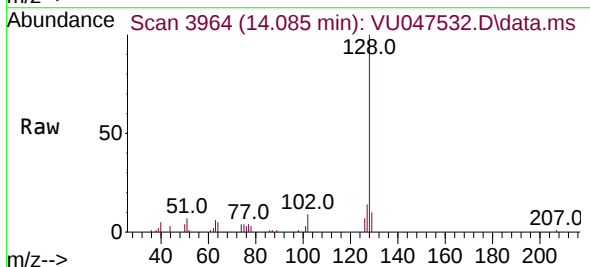
Instrument :
MSVOA_U
ClientSampleId :
VSTD001020

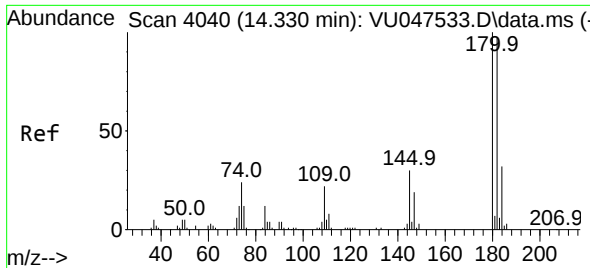
Tgt Ion:180 Resp: 13319
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 26.6 22.5 33.7



#71
Naphthalene
Concen: 0.156 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047532.D
Acq: 14 Mar 2022 13:47

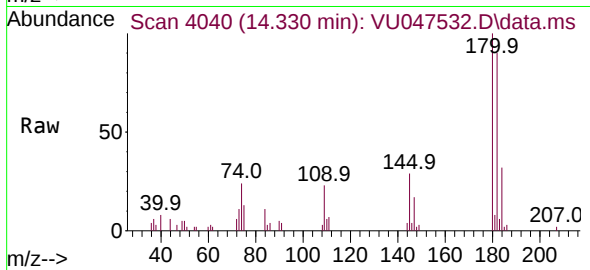
Tgt Ion:128 Resp: 20932
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.177 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VU047532.D
 Acq: 14 Mar 2022 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001020



Tgt Ion:	180	Resp:	12265
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.8	116.8
145	28.4	23.7	35.5

