

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050519.D
 Acq On : 30 Aug 2022 16:10
 Operator : SY/MD
 Sample : VSTD20017
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200017

Quant Time: Aug 31 01:26:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:24:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	425430	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	418602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	204422	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	607656	130.339	ug/L	0.00
7) Chloroethane-d5	1.893	69	420846	121.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1072165	158.921	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1164795	362.773	ug/L	0.00
24) Chloroform-d	5.063	84	1211024	156.685	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	756284	156.149	ug/L	0.00
32) Benzene-d6	5.726	84	2462237	166.277	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	824057	166.473	ug/L	0.00
41) Toluene-d8	7.899	98	2244041	173.676	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	376300	183.991	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	750519	414.668	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1272249	166.617	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	803280	169.249	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	504827	161.733	ug/L	99
3) Chloromethane	1.517	50	764448	193.732	ug/L	99
5) Vinyl chloride	1.600	62	757741	198.883	ug/L	100
6) Bromomethane	1.845	94	318173	213.038	ug/L	98
8) Chloroethane	1.915	64	462544	199.001	ug/L	99
9) Trichlorofluoromethane	2.124	101	886538	187.947	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	548639	191.156	ug/L	99
12) 1,1-Dichloroethene	2.571	96	561408	211.898	ug/L	97
13) Acetone	2.632	43	763133	344.495	ug/L	100
14) Carbon disulfide	2.784	76	1523171	228.231	ug/L	99
15) Methyl Acetate	2.948	43	865197	214.291	ug/L	99
16) Methylene chloride	3.041	84	745974	197.717	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	613209	218.940	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	2154352	238.117	ug/L	100
19) 1,1-Dichloroethane	3.864	63	1203700	199.516	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	742689	221.025	ug/L	98
22) 2-Butanone	4.703	43	1294565	425.344	ug/L	99
23) Bromochloromethane	4.973	128	380200	207.097	ug/L	98
25) Chloroform	5.086	83	1243473	194.847	ug/L	99
27) 1,2-Dichloroethane	5.793	62	976379	202.047	ug/L	99
29) Cyclohexane	5.388	56	1005434	258.299	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	967449	201.293	ug/L	99
31) Carbon tetrachloride	5.523	117	768442	198.292	ug/L	98
33) Benzene	5.774	78	2829824	217.490	ug/L	100
34) Trichloroethene	6.542	95	661402	216.774	ug/L	99
35) Methylcyclohexane	6.764	83	1037030	248.657	ug/L	98
37) 1,2-Dichloropropane	6.790	63	769282	204.772	ug/L	100
38) Bromodichloromethane	7.105	83	931794	198.702	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	1183816	239.990	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	2384077	469.105	ug/L	99
42) Toluene	7.970	91	2966213	227.449	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	1096237	239.494	ug/L	99

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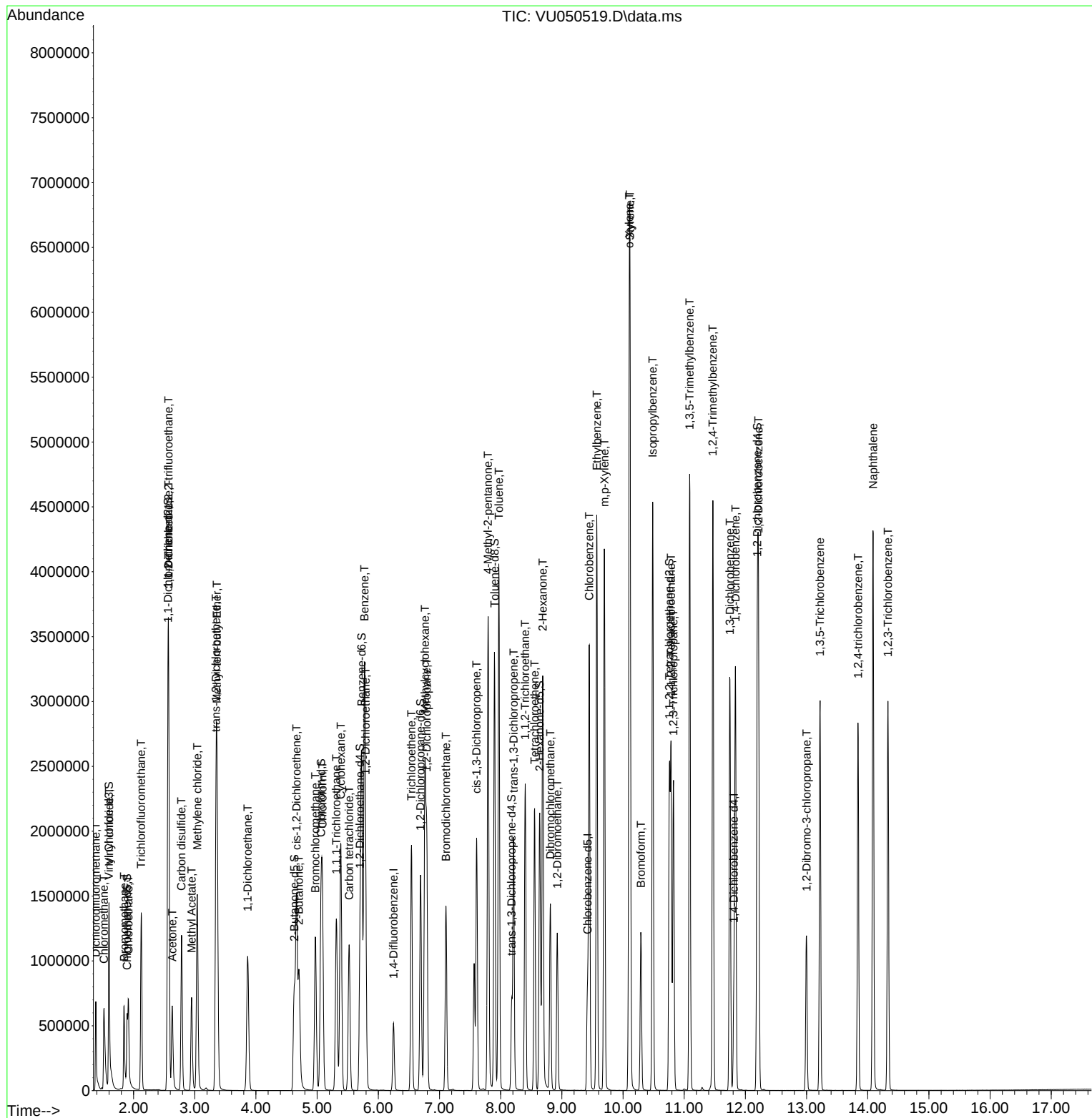
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	745403	201.992	ug/L	99
46) Tetrachloroethene	8.555	164	471308	212.546	ug/L	96
48) 2-Hexanone	8.687	43	1962734	462.078	ug/L	98
49) Dibromochloromethane	8.812	129	733161	197.847	ug/L	99
50) 1,2-Dibromoethane	8.925	107	798359	214.587	ug/L	99
51) Chlorobenzene	9.449	112	1811025	212.771	ug/L	98
52) Ethylbenzene	9.571	91	3104698	237.626	ug/L	100
53) m,p-Xylene	9.697	106	1174716	240.717	ug/L	99
54) o-Xylene	10.102	106	1196010	244.526	ug/L	99
55) Styrene	10.115	104	2045713	247.853	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	1345569	200.992	ug/L	99
59) Bromoform	10.291	173	541841	186.923	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	1030414	189.985	ug/L	100
61) Isopropylbenzene	10.484	105	2944325	228.318	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	2572148	245.237	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	2509188	245.673	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	1305953	208.394	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1305775	207.752	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	1366046	206.131	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	303693	215.912	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	915393	213.831	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	846238	245.868	ug/L	99
71) Naphthalene	14.089	128	3396197	290.862	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	918107	241.819	ug/L	100

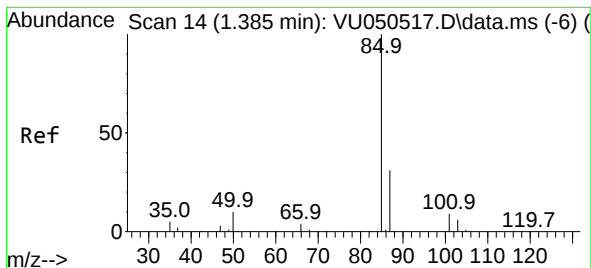
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#2

Dichlorodifluoromethane

Concen: 161.733 ug/L

RT: 1.382 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

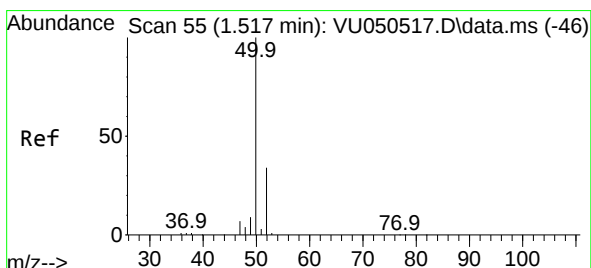
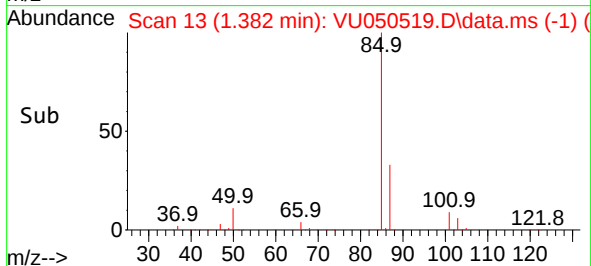
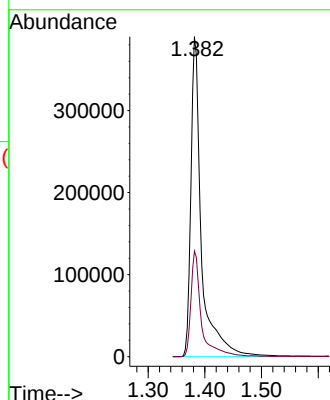
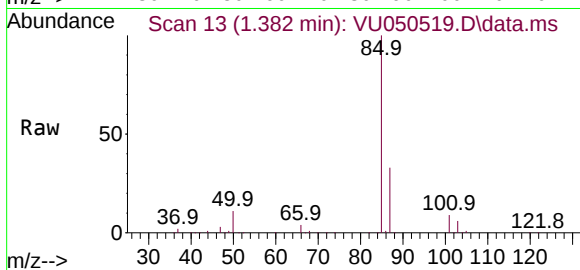
VSTD200017

Tgt Ion: 85 Resp: 504827

Ion Ratio Lower Upper

85 100

87 32.4 25.5 38.3



#3

Chloromethane

Concen: 193.732 ug/L

RT: 1.517 min Scan# 55

Delta R.T. -0.000 min

Lab File: VU050519.D

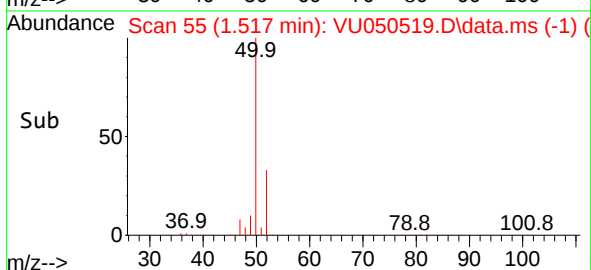
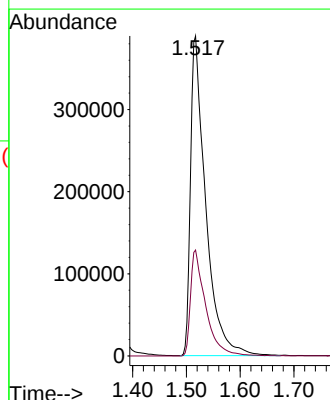
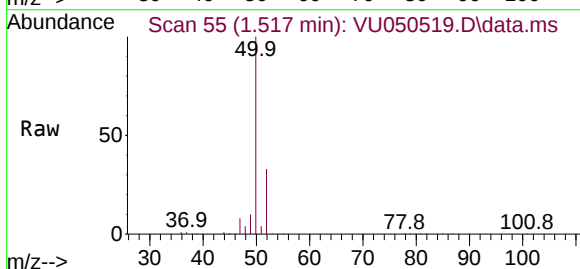
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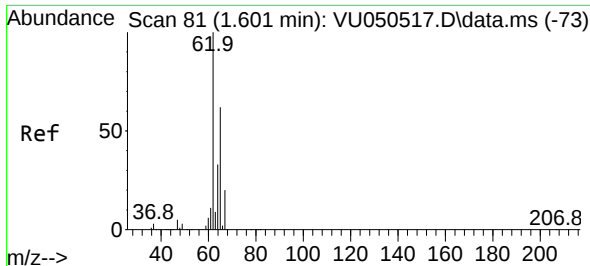
Tgt Ion: 50 Resp: 764448

Ion Ratio Lower Upper

50 100

52 33.1 23.6 43.8

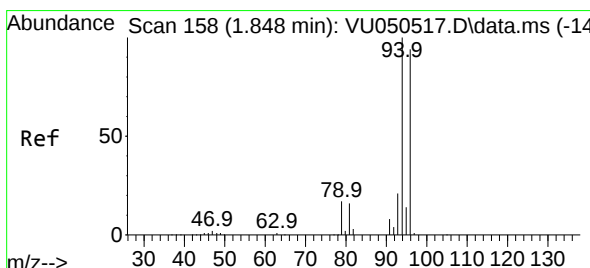
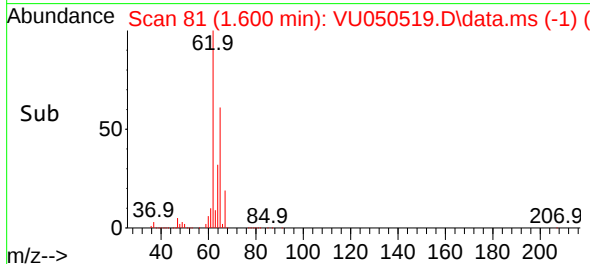
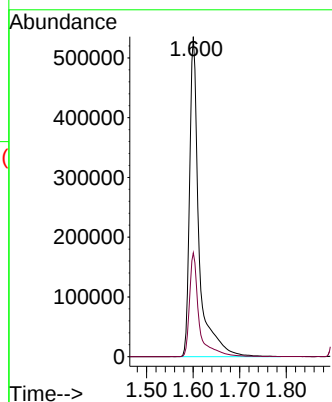
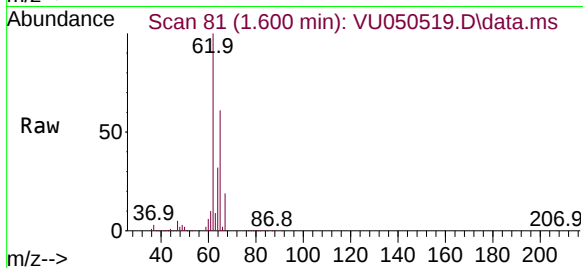




#5
 Vinyl chloride
 Concen: 198.883 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

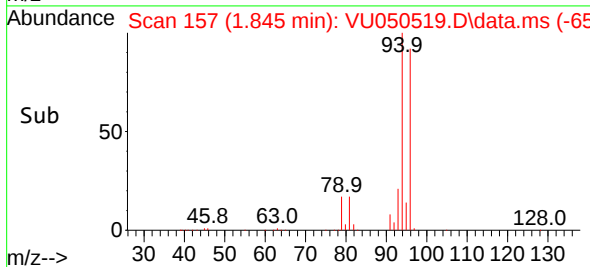
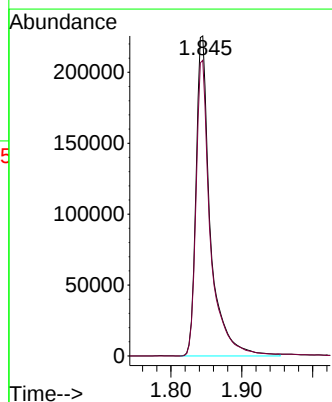
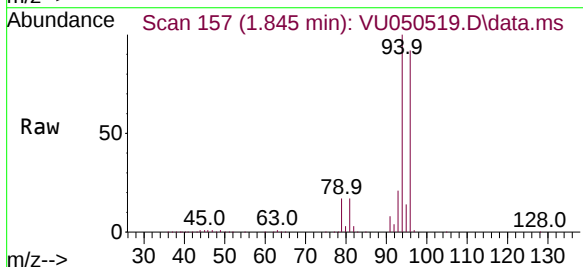
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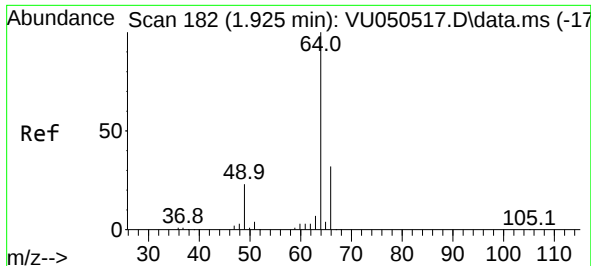
Tgt Ion: 62 Resp: 757741
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 213.038 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

Tgt Ion: 94 Resp: 318173
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.9 122.3

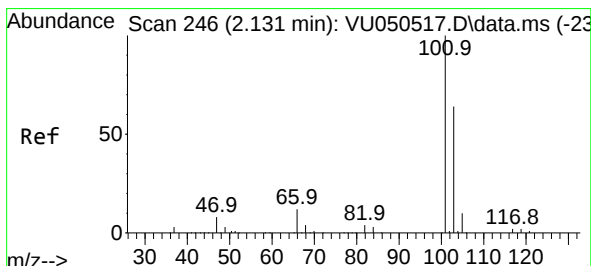
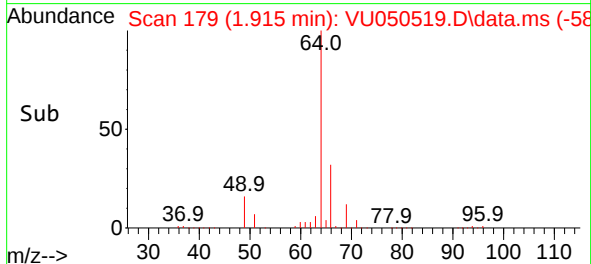
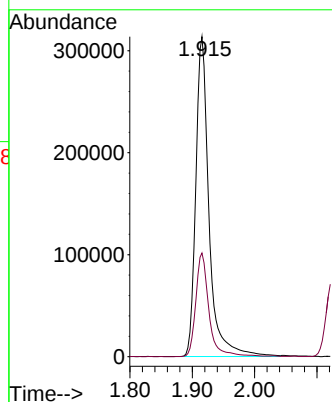
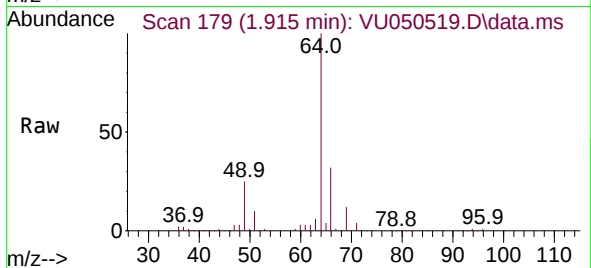




#8
Chloroethane
Concen: 199.001 ug/L
RT: 1.915 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

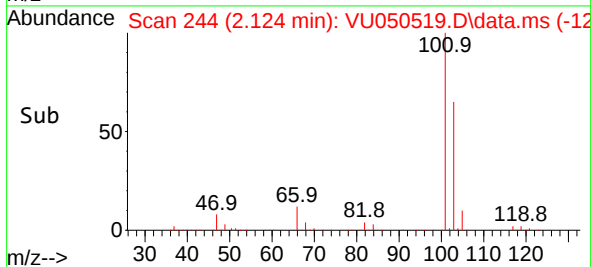
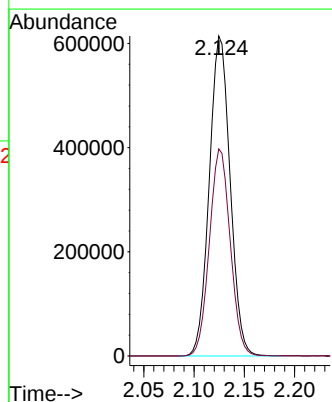
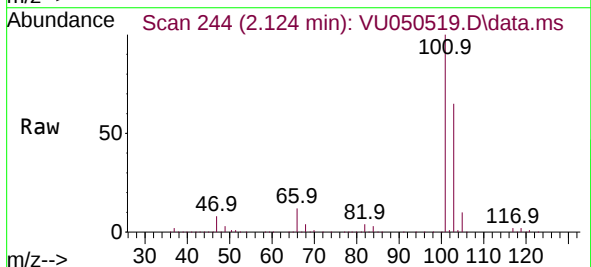
Instrument :
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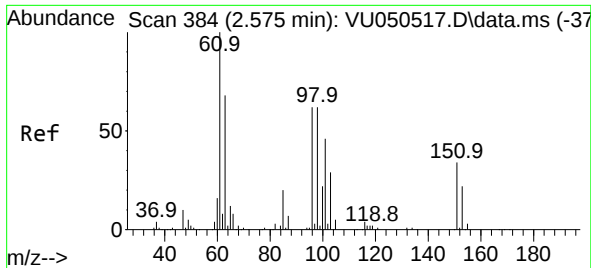
Tgt Ion: 64 Resp: 462544
Ion Ratio Lower Upper
64 100
66 32.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 187.947 ug/L
RT: 2.124 min Scan# 244
Delta R.T. -0.007 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion:101 Resp: 886538
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

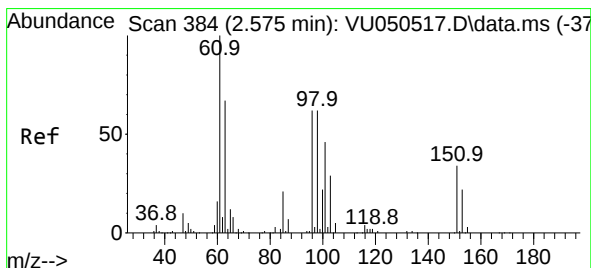
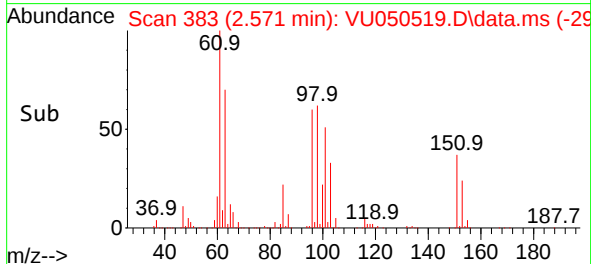
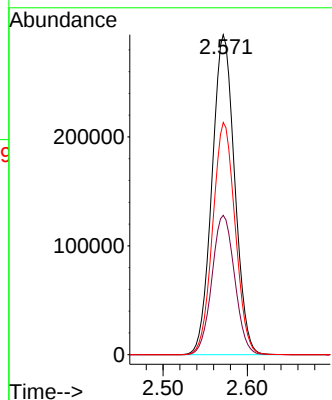
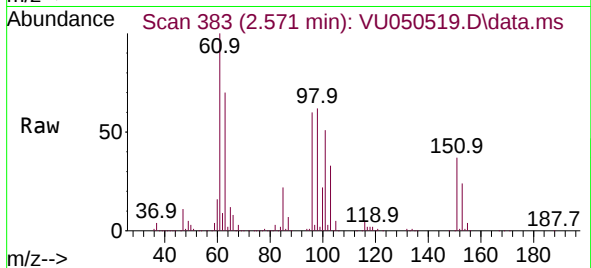




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 191.156 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

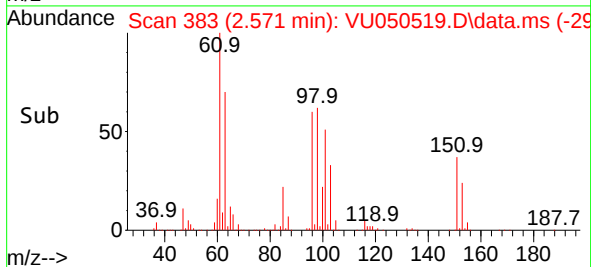
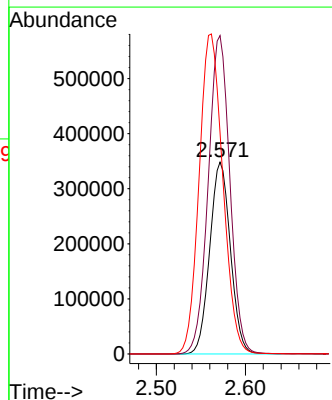
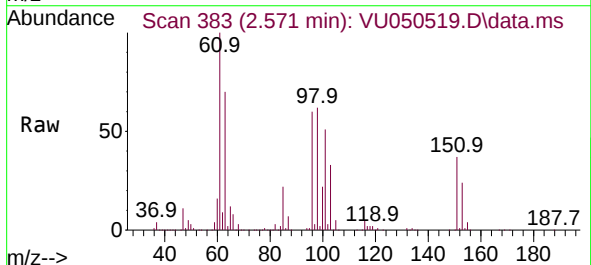
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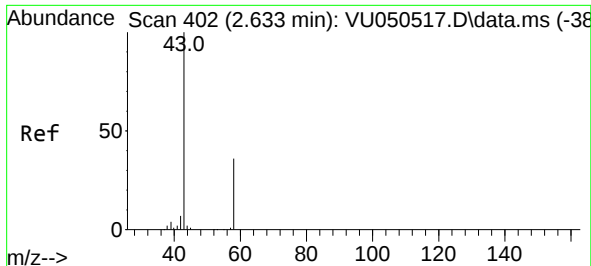
Tgt Ion:101 Resp: 548639
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.6 52.0
 151 72.0 58.2 87.2



#12
 1,1-Dichloroethene
 Concen: 211.898 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

Tgt Ion: 96 Resp: 561408
 Ion Ratio Lower Upper
 96 100
 61 165.9 113.5 210.9
 63 115.3 78.0 144.9





#13

Acetone

Concen: 344.495 ug/L

RT: 2.632 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

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ClientSampleId :

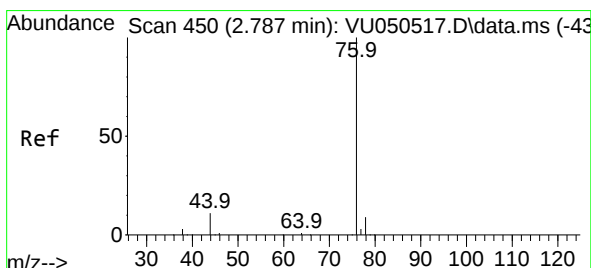
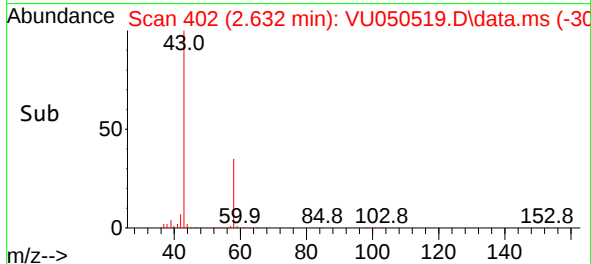
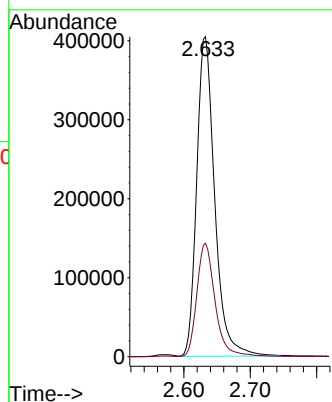
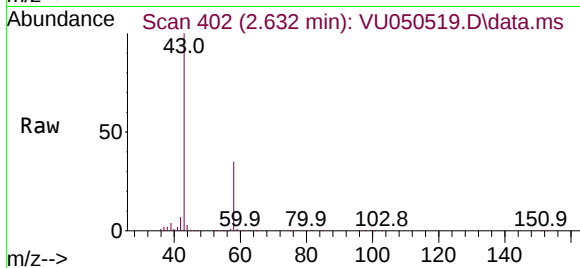
VSTD200017

Tgt Ion: 43 Resp: 763133

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.6



#14

Carbon disulfide

Concen: 228.231 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.003 min

Lab File: VU050519.D

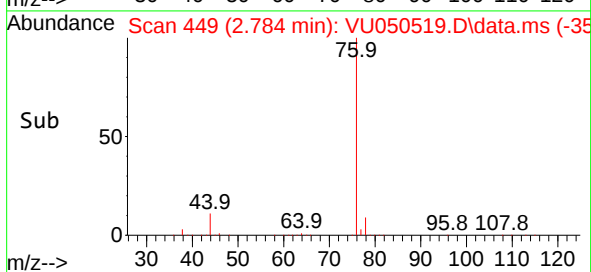
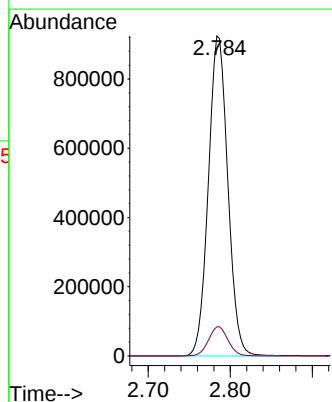
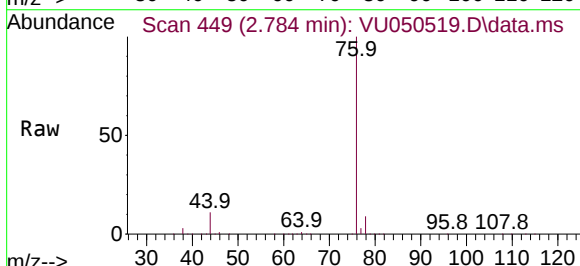
Acq: 30 Aug 2022 16:10

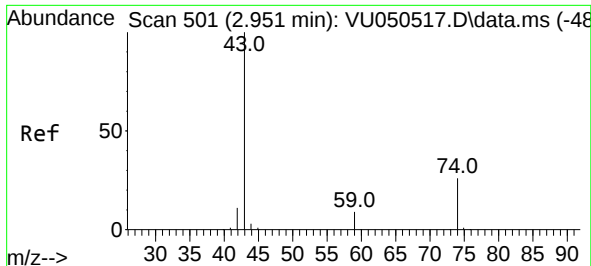
Tgt Ion: 76 Resp: 1523171

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

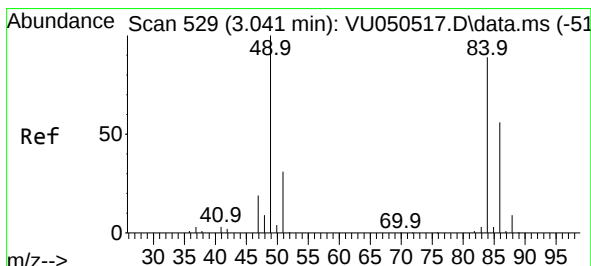
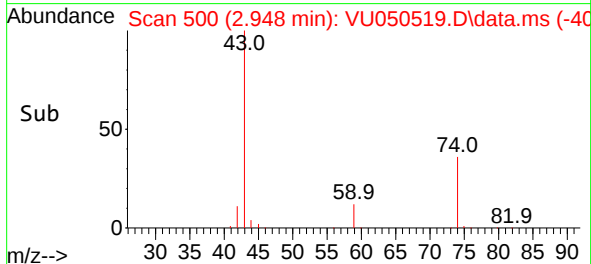
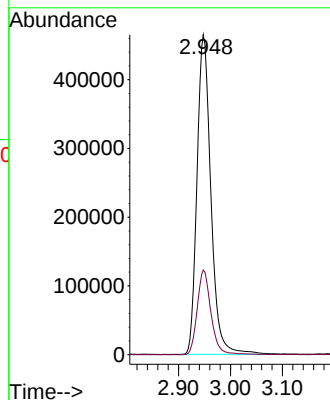
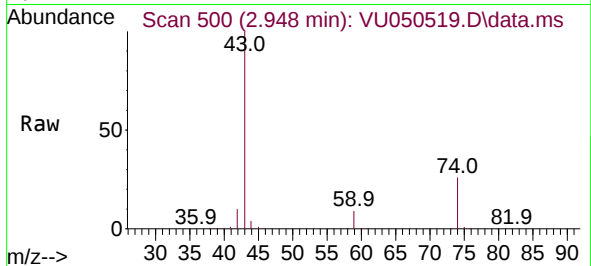




#15
Methyl Acetate
Concen: 214.291 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

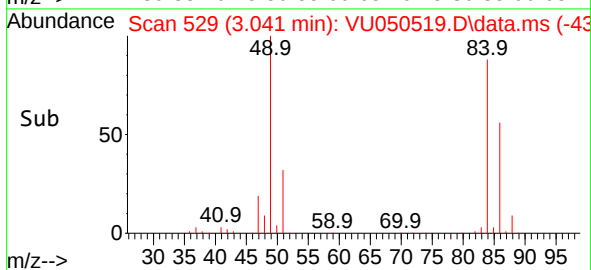
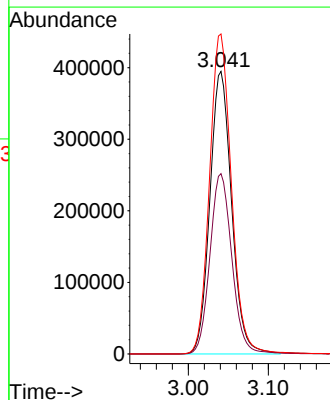
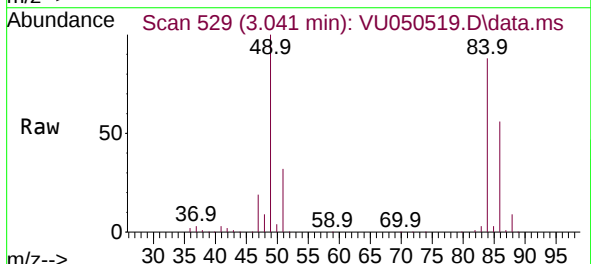
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

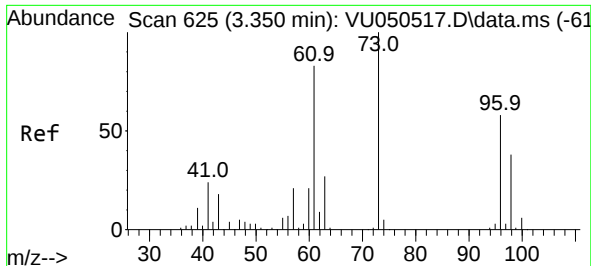
Tgt Ion: 43 Resp: 865197
Ion Ratio Lower Upper
43 100
74 25.9 21.0 31.6



#16
Methylene chloride
Concen: 197.717 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 84 Resp: 745974
Ion Ratio Lower Upper
84 100
86 63.8 44.3 82.3
49 113.3 78.8 146.3





#17

trans-1,2-Dichloroethene

Concen: 218.940 ug/L

RT: 3.346 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD200017

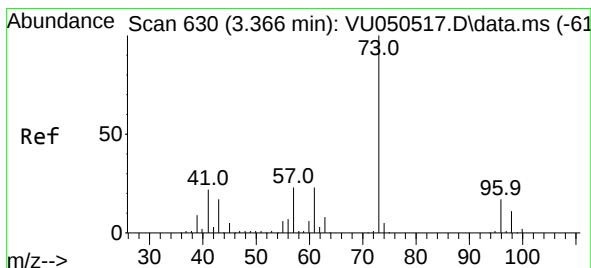
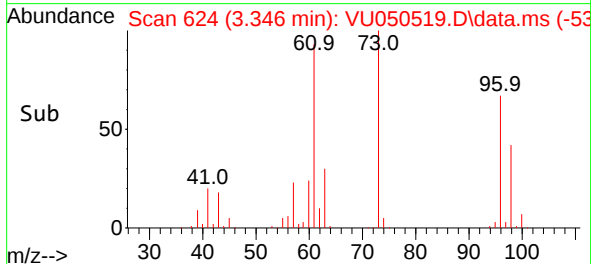
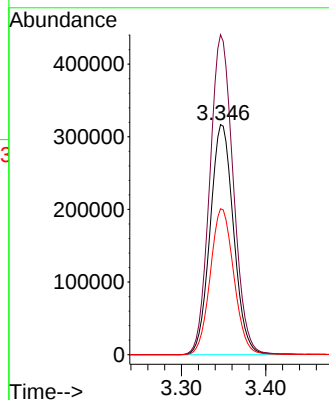
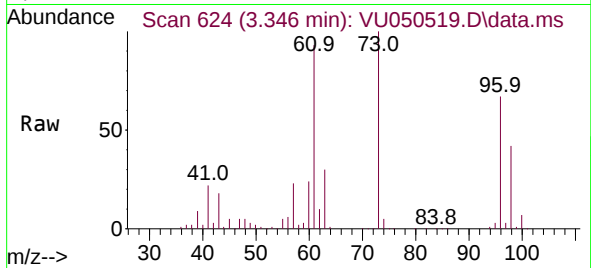
Tgt Ion: 96 Resp: 613209

Ion Ratio Lower Upper

96 100

61 139.0 99.7 185.1

98 63.4 46.2 85.8



#18

Methyl tert-butyl Ether

Concen: 238.117 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

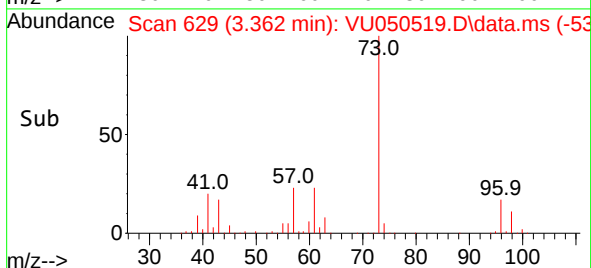
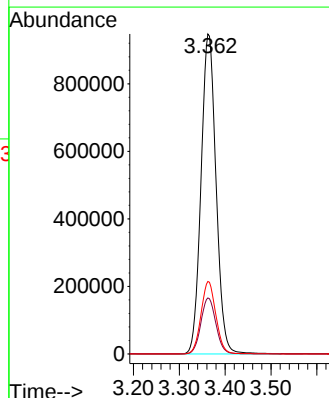
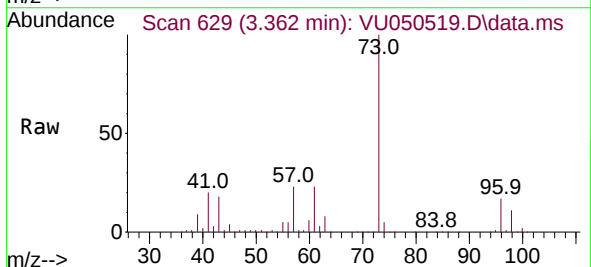
Tgt Ion: 73 Resp: 2154352

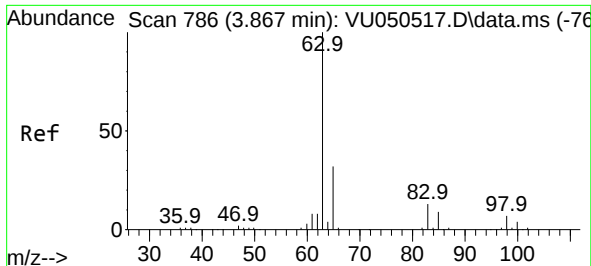
Ion Ratio Lower Upper

73 100

43 17.4 13.9 20.9

57 22.3 17.8 26.6





#19

1,1-Dichloroethane

Concen: 199.516 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD200017

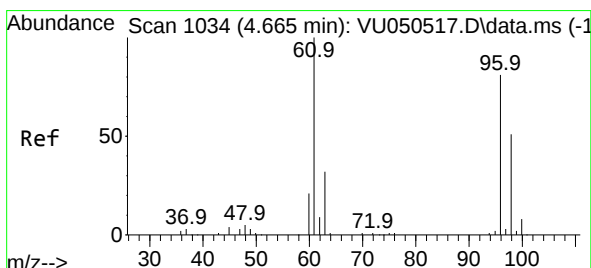
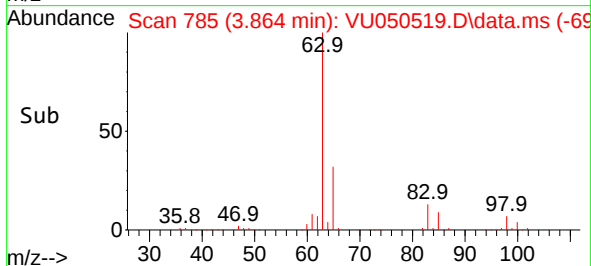
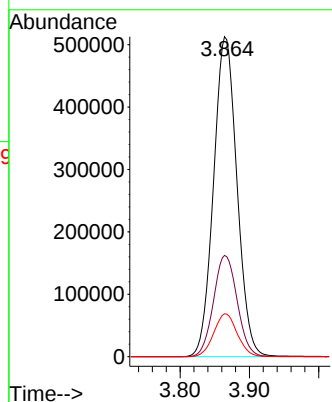
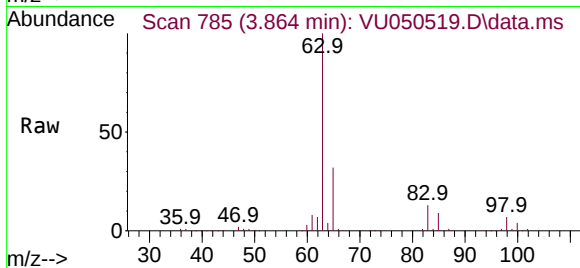
Tgt Ion: 63 Resp: 1203700

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 13.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 221.025 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

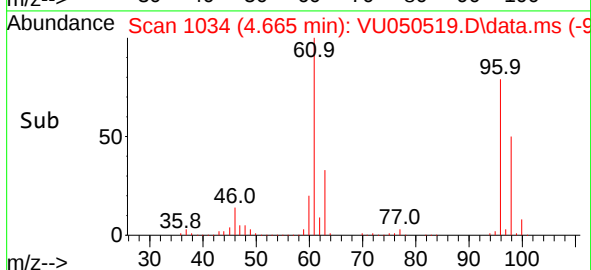
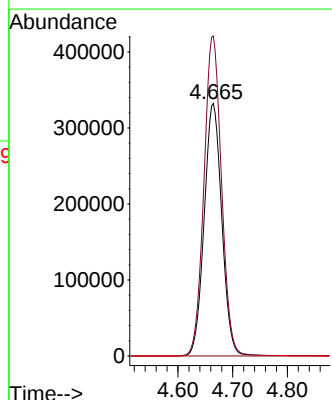
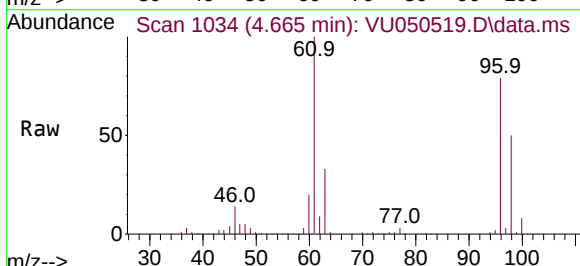
Tgt Ion: 96 Resp: 742689

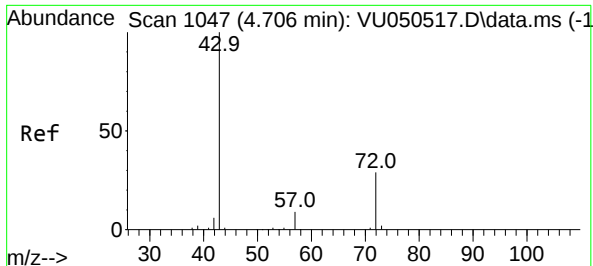
Ion Ratio Lower Upper

96 100

61 126.7 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 425.344 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

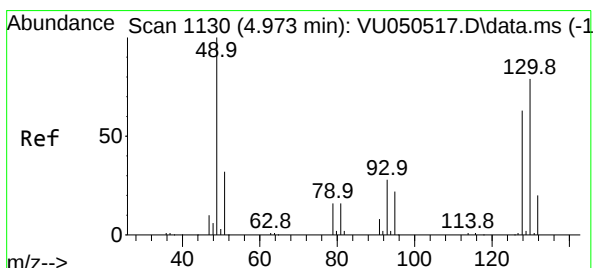
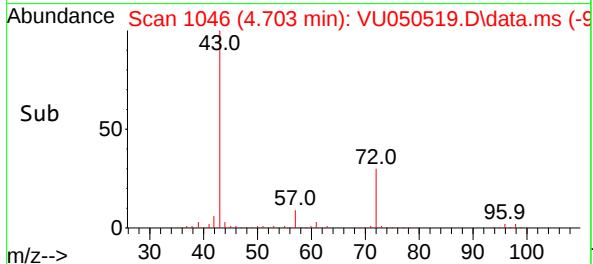
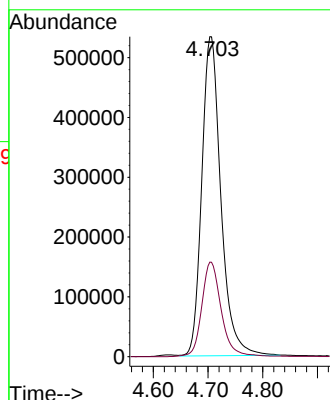
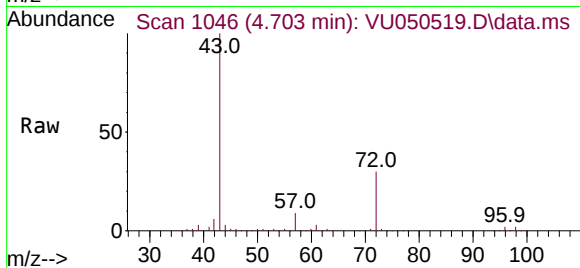
VSTD200017

Tgt Ion: 43 Resp: 1294565

Ion Ratio Lower Upper

43 100

72 30.3 14.8 44.3



#23

Bromochloromethane

Concen: 207.097 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Tgt Ion:128 Resp: 380200

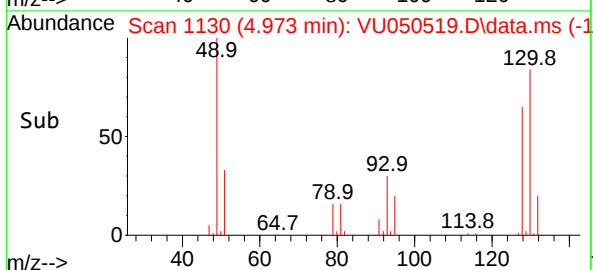
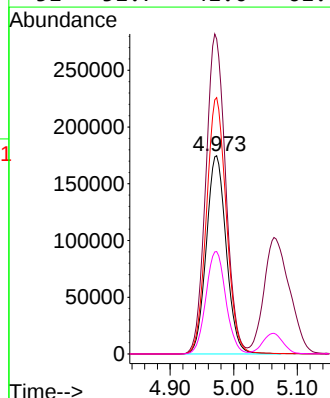
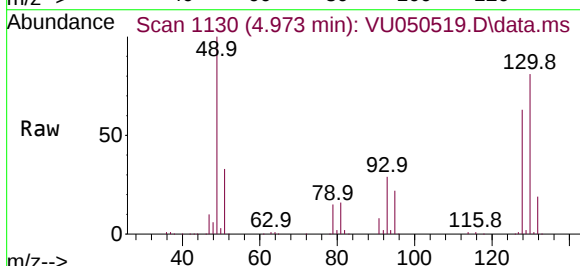
Ion Ratio Lower Upper

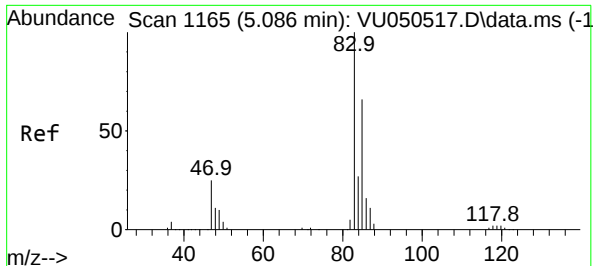
128 100

49 158.9 111.9 207.7

130 129.3 87.8 163.0

51 51.7 41.0 61.4





#25

Chloroform

Concen: 194.847 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

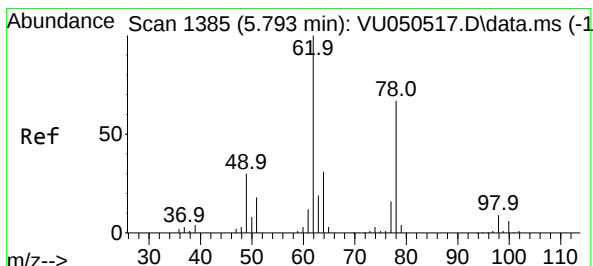
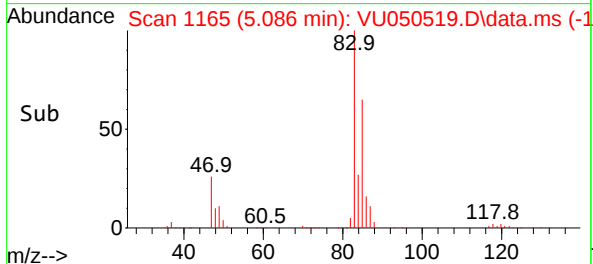
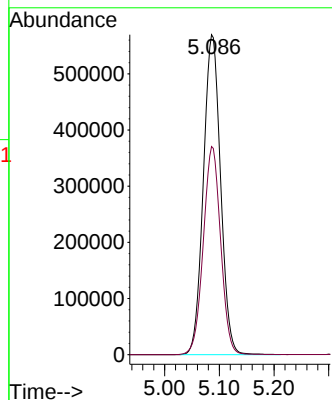
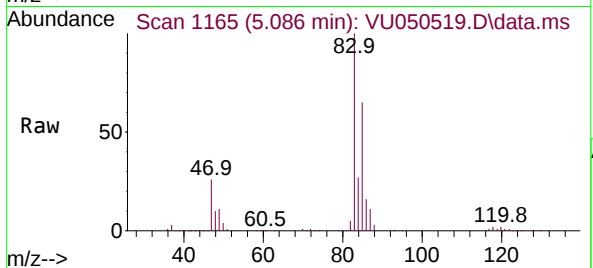
VSTD200017

Tgt Ion: 83 Resp: 1243473

Ion Ratio Lower Upper

83 100

85 65.0 46.3 85.9



#27

1,2-Dichloroethane

Concen: 202.047 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU050519.D

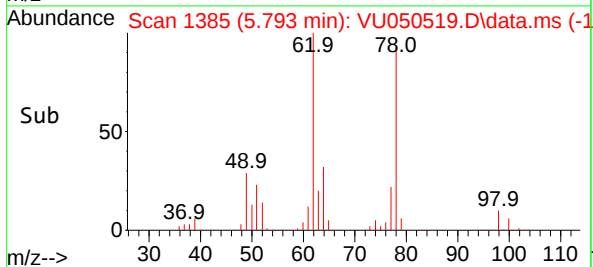
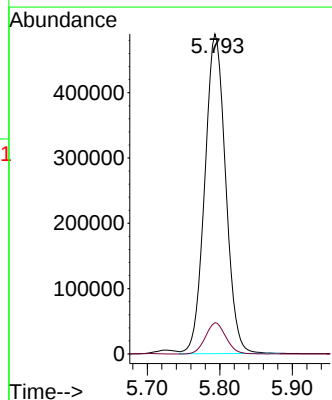
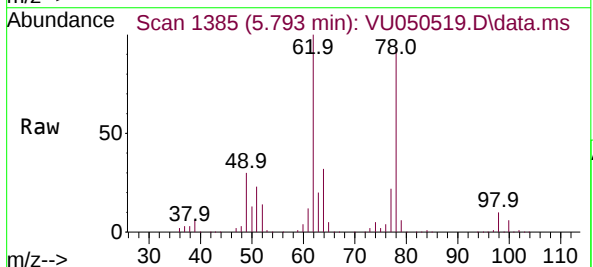
Acq: 30 Aug 2022 16:10

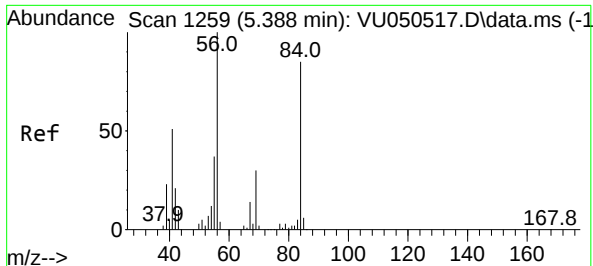
Tgt Ion: 62 Resp: 976379

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3





#29

Cyclohexane

Concen: 258.299 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD200017

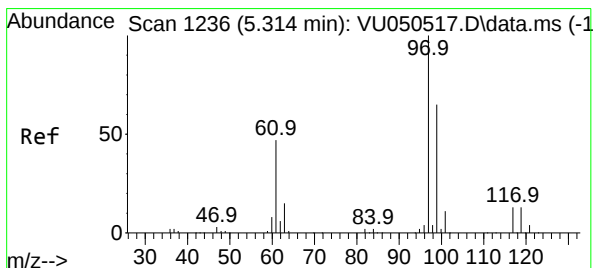
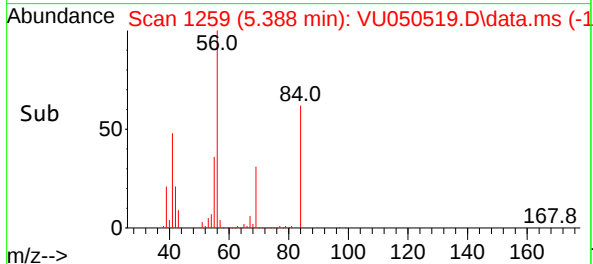
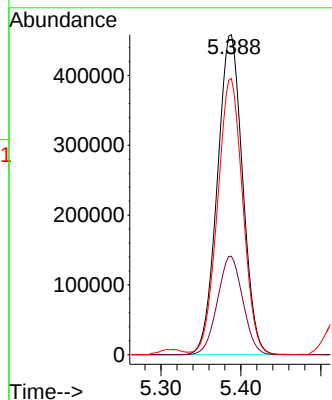
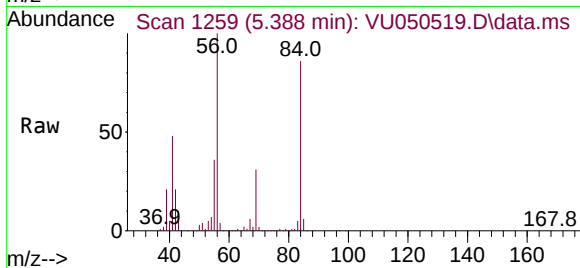
Tgt Ion: 56 Resp: 1005434

Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 86.1 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 201.293 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

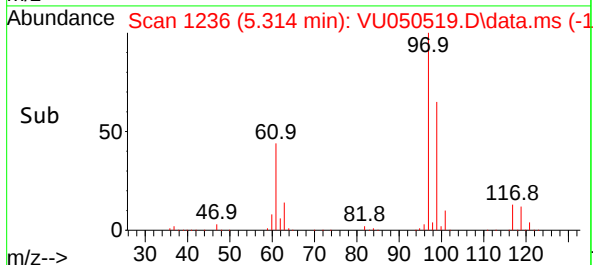
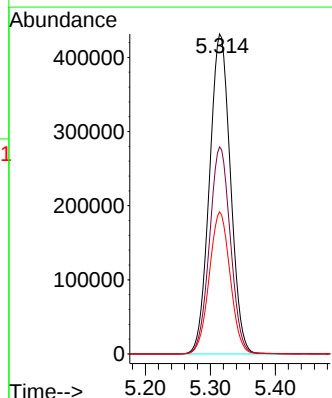
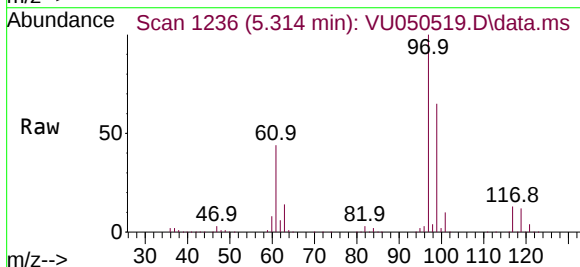
Tgt Ion: 97 Resp: 967449

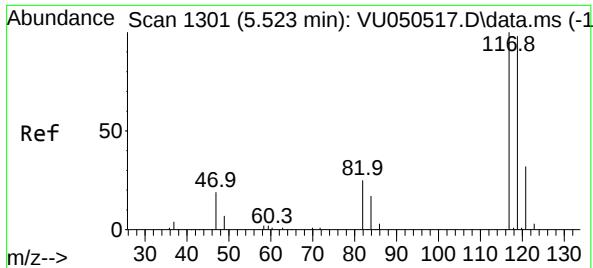
Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 44.2 36.4 54.6

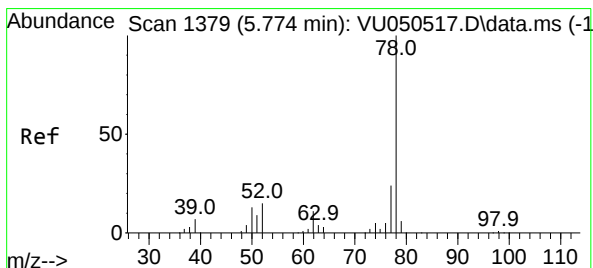
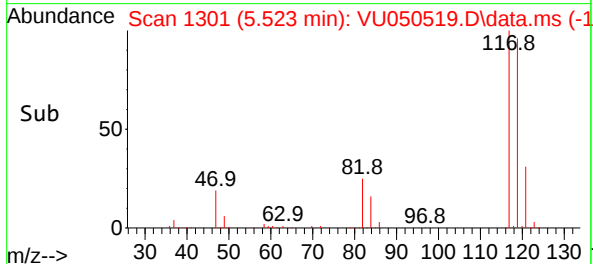
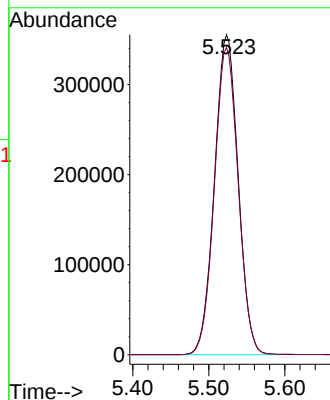
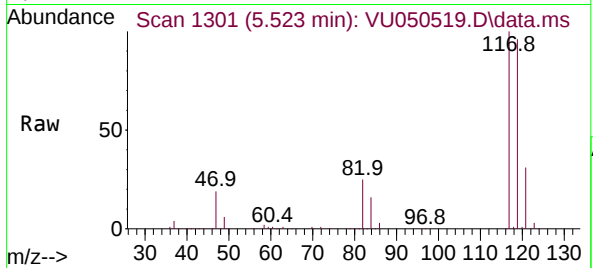




#31
Carbon tetrachloride
Concen: 198.292 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

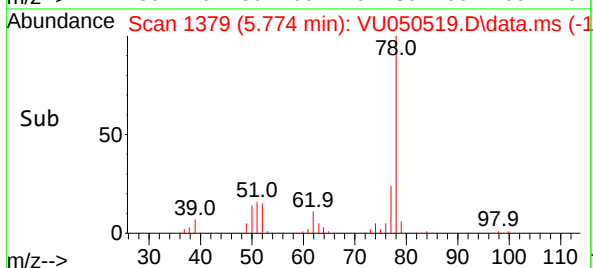
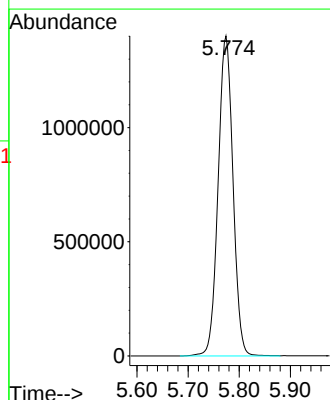
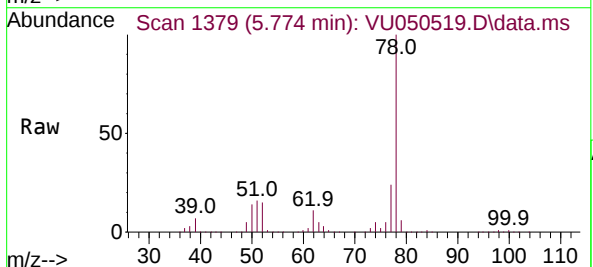
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

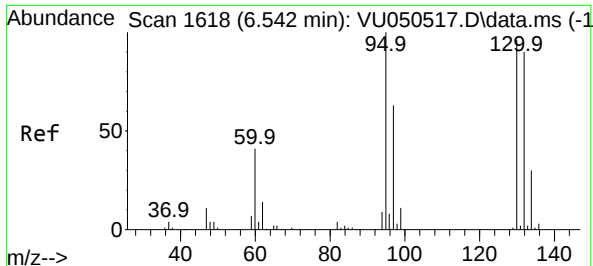
Tgt Ion:117 Resp: 768442
Ion Ratio Lower Upper
117 100
119 96.6 78.8 118.2



#33
Benzene
Concen: 217.490 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 78 Resp: 2829824

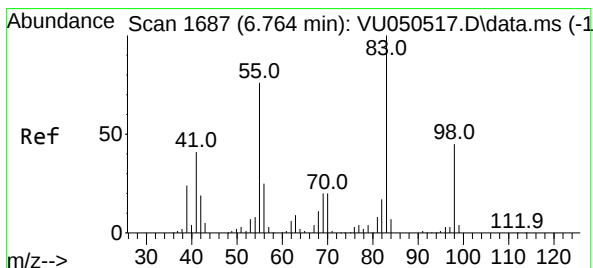
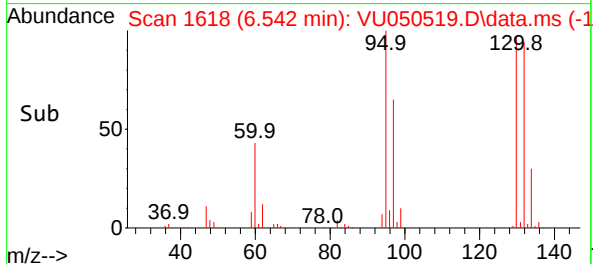
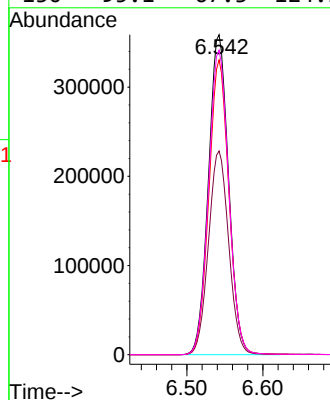
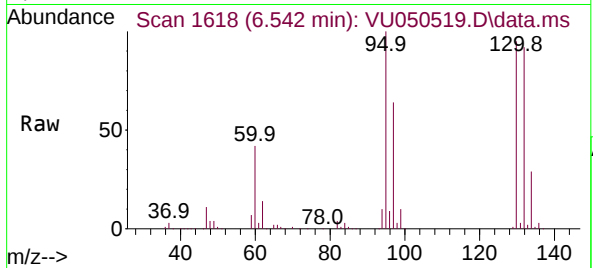




#34
Trichloroethene
Concen: 216.774 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

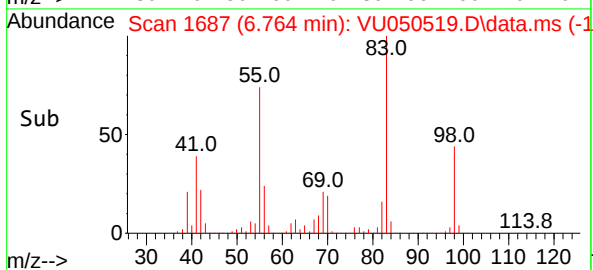
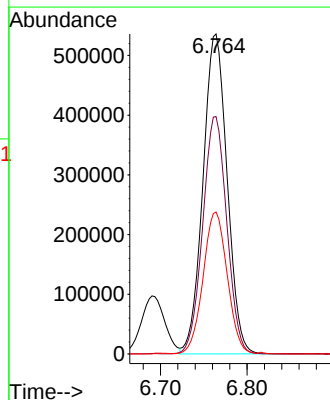
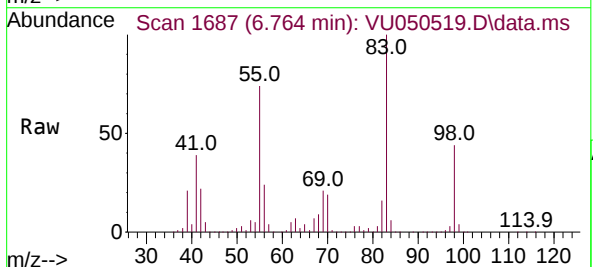
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

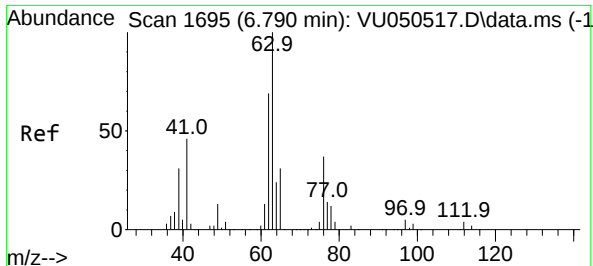
Tgt Ion: 95 Resp: 661402
Ion Ratio Lower Upper
95 100
97 63.6 44.2 82.2
132 92.1 63.2 117.4
130 95.1 67.3 124.9



#35
Methylcyclohexane
Concen: 248.657 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 83 Resp: 1037030
Ion Ratio Lower Upper
83 100
55 74.1 61.0 91.4
98 44.5 35.7 53.5

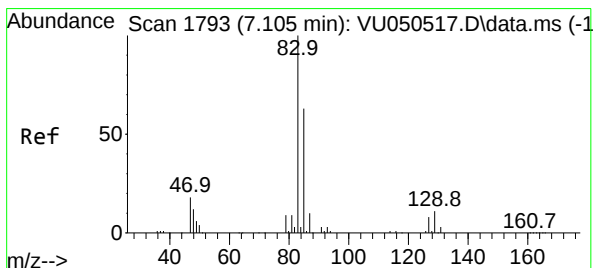
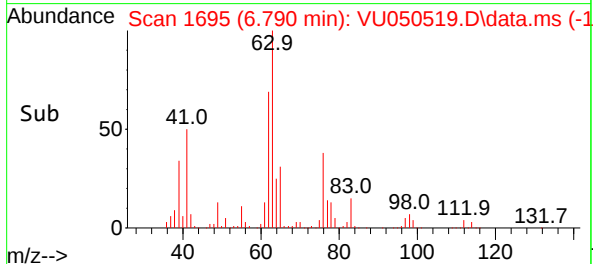
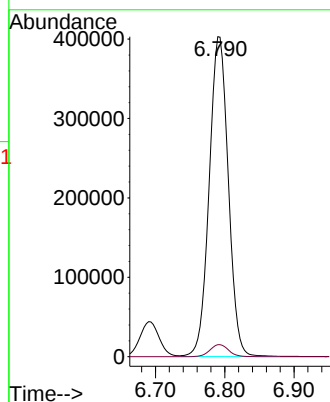
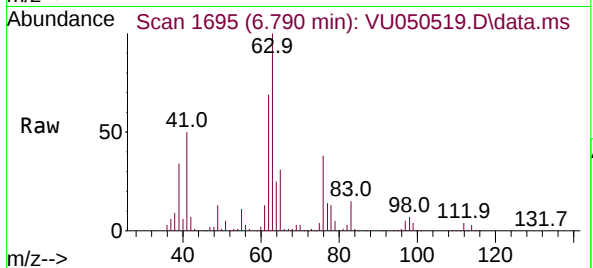




#37
1,2-Dichloropropane
Concen: 204.772 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

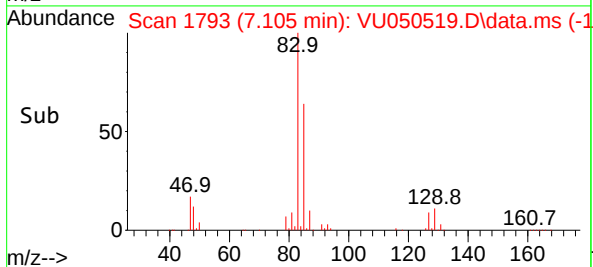
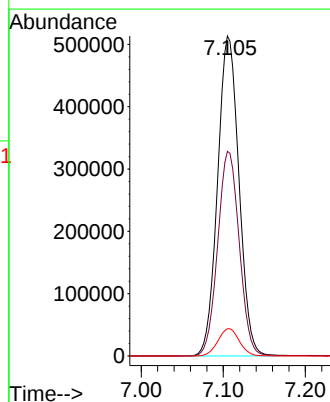
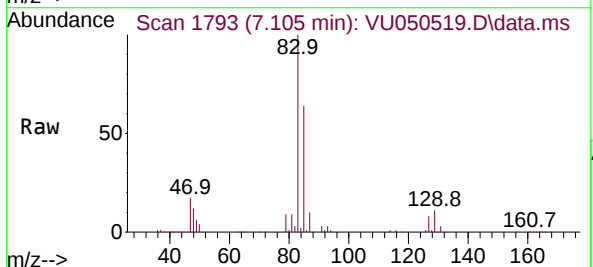
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

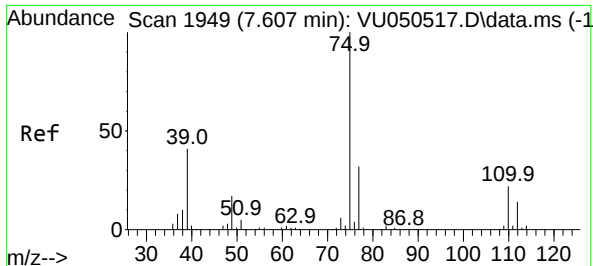
Tgt Ion: 63 Resp: 769282
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 198.702 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 83 Resp: 931794
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.4
127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 239.990 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

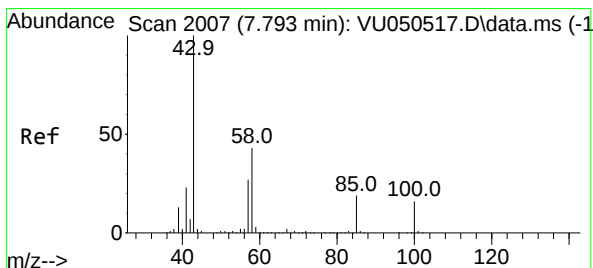
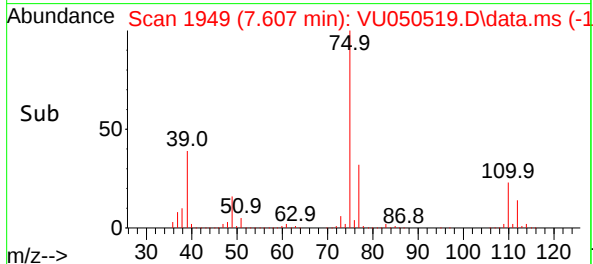
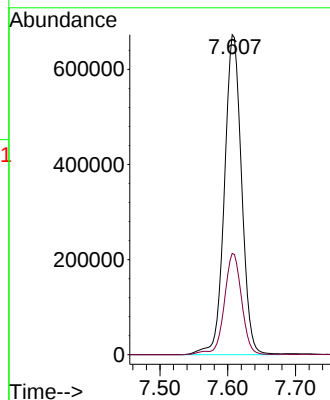
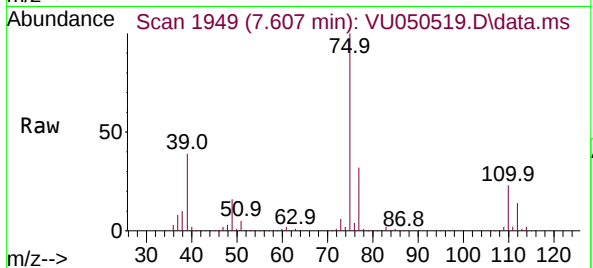
VSTD200017

Tgt Ion: 75 Resp: 1183816

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 469.105 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

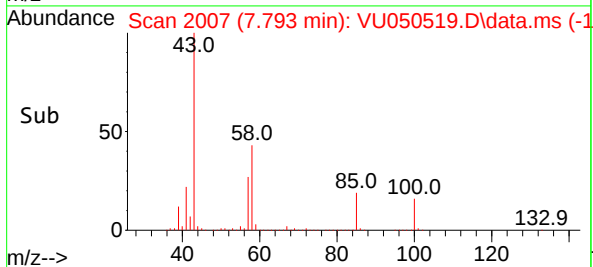
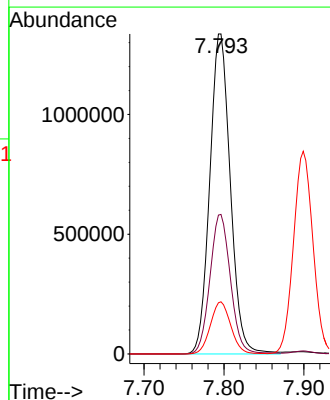
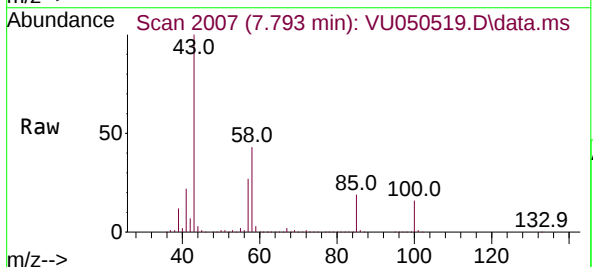
Tgt Ion: 43 Resp: 2384077

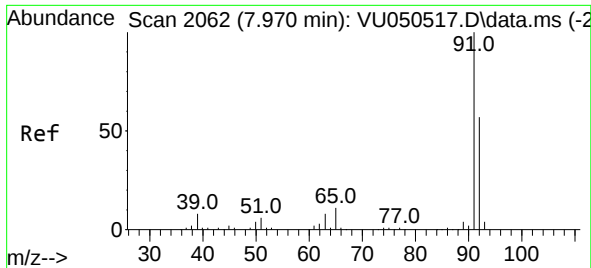
Ion Ratio Lower Upper

43 100

58 43.6 34.2 51.4

100 16.2 12.9 19.3





#42

Toluene

Concen: 227.449 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

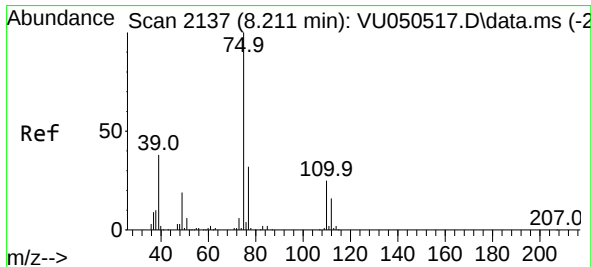
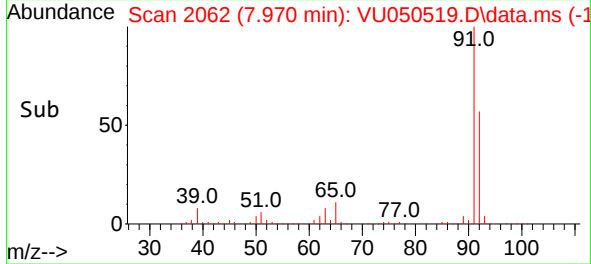
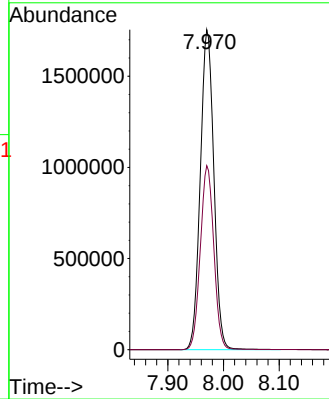
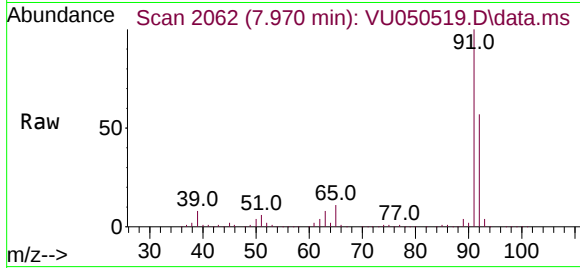
VSTD200017

Tgt Ion: 91 Resp: 2966213

Ion Ratio Lower Upper

91 100

92 57.5 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 239.494 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050519.D

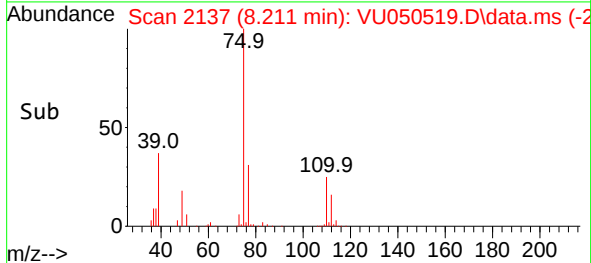
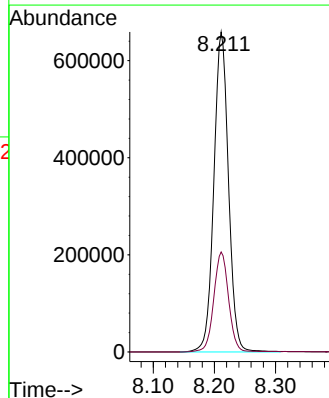
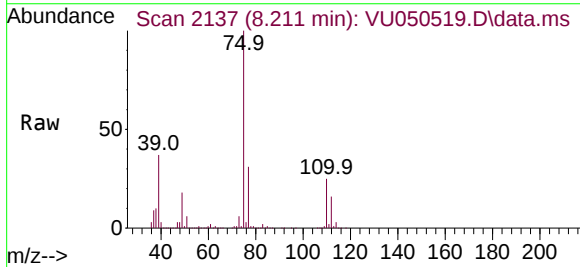
Acq: 30 Aug 2022 16:10

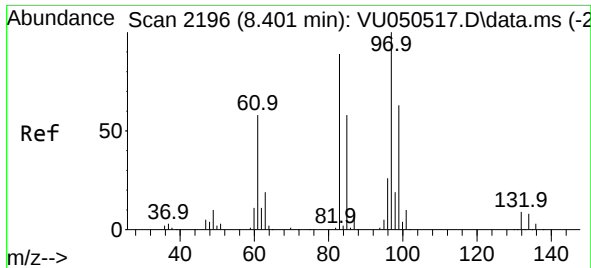
Tgt Ion: 75 Resp: 1096237

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2



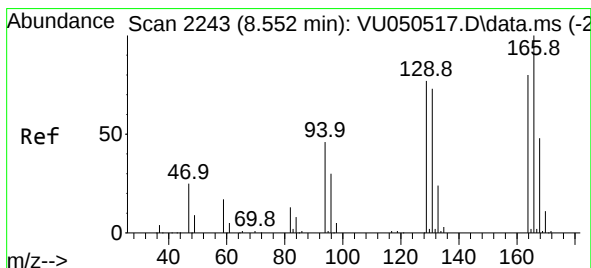
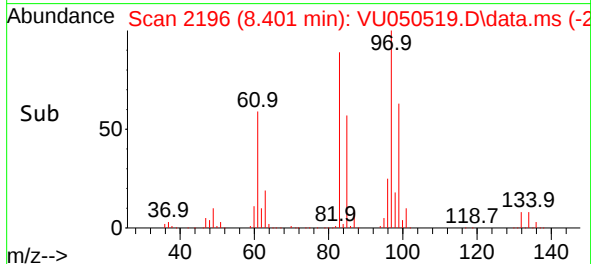
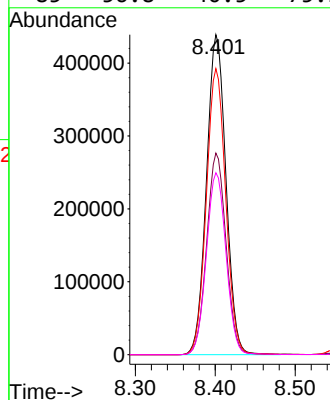
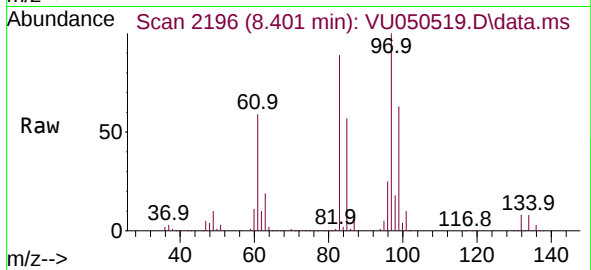


#45
1,1,2-Trichloroethane
Concen: 201.992 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

Tgt Ion: 97 Resp: 745403

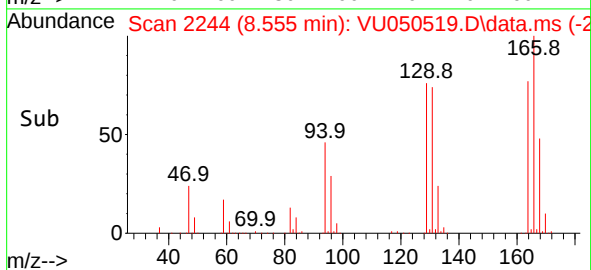
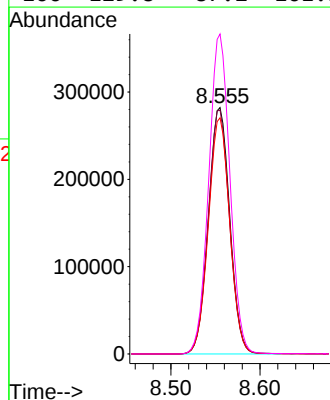
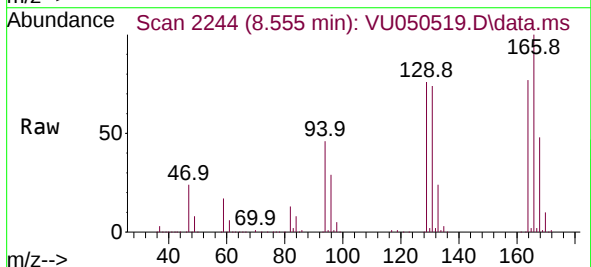
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.3	82.3
83	89.4	62.1	115.3
85	56.8	40.5	75.1

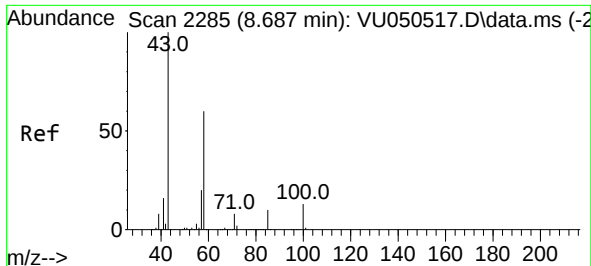


#46
Tetrachloroethene
Concen: 212.546 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 164 Resp: 471308

Ion	Ratio	Lower	Upper
164	100		
129	99.0	67.5	125.3
131	95.8	63.8	118.4
166	129.8	87.2	161.9



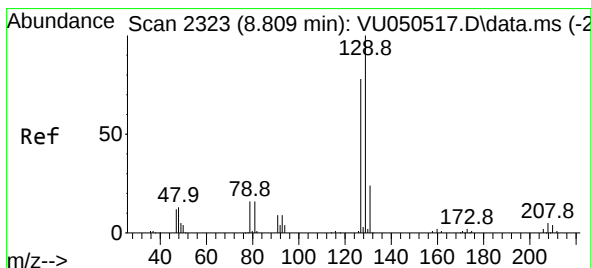
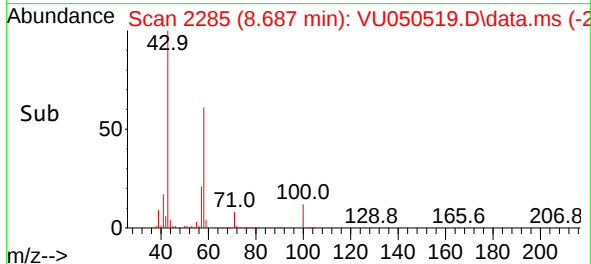
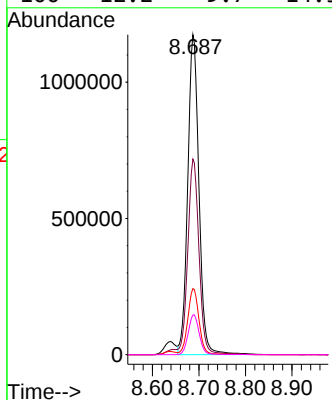
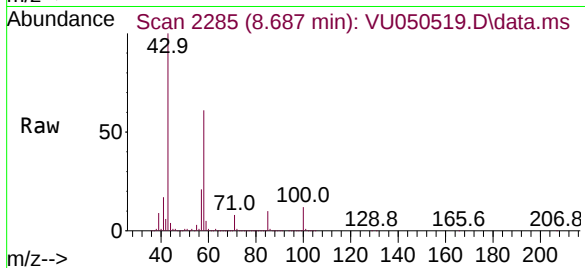


#48
2-Hexanone
Concen: 462.078 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

Tgt Ion: 43 Resp: 1962734

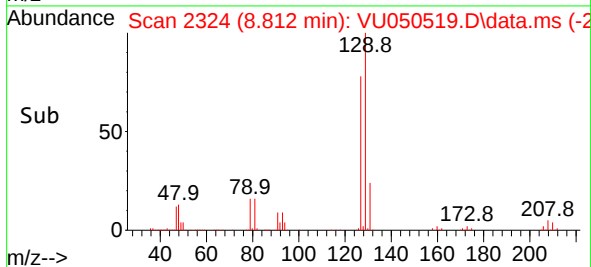
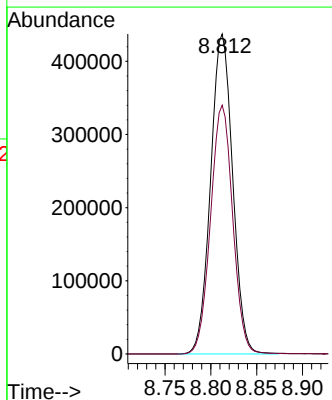
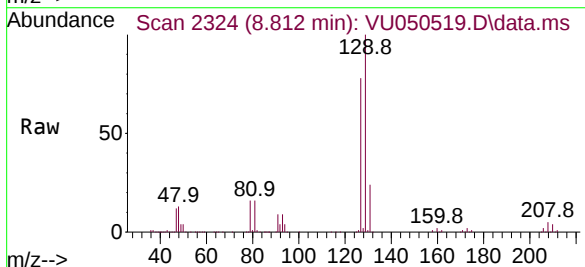
Ion	Ratio	Lower	Upper
43	100		
58	60.0	46.6	69.8
57	20.9	15.8	23.6
100	12.2	9.7	14.5

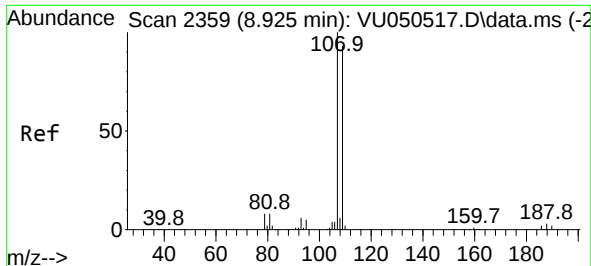


#49
Dibromochloromethane
Concen: 197.847 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 129 Resp: 733161

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.9	101.9

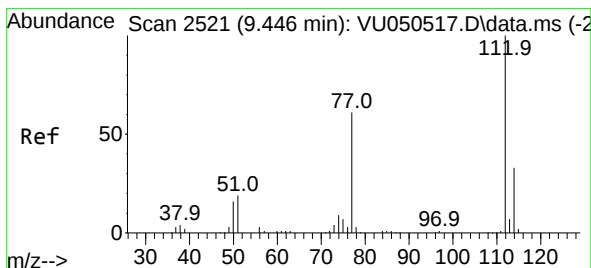
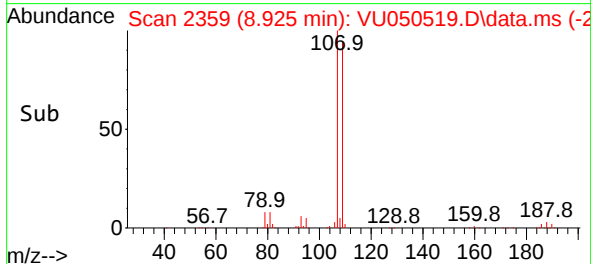
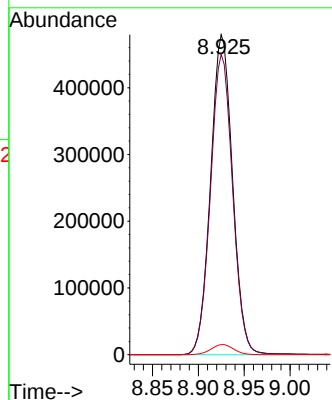
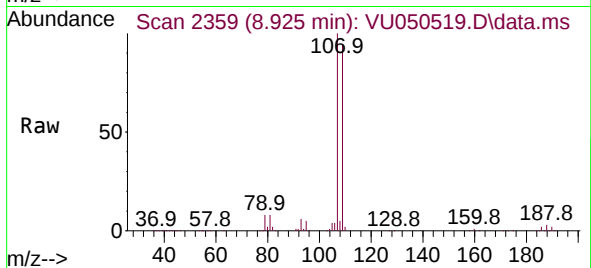




#50
1,2-Dibromoethane
Concen: 214.587 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

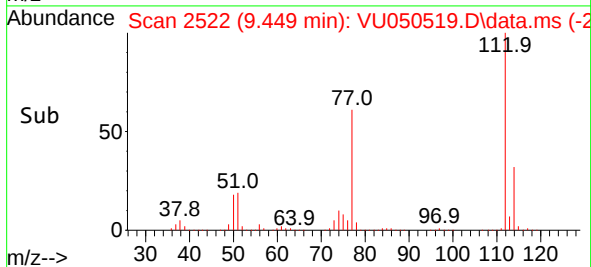
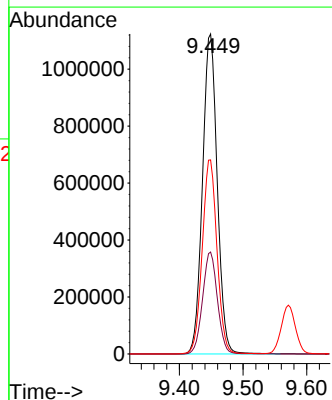
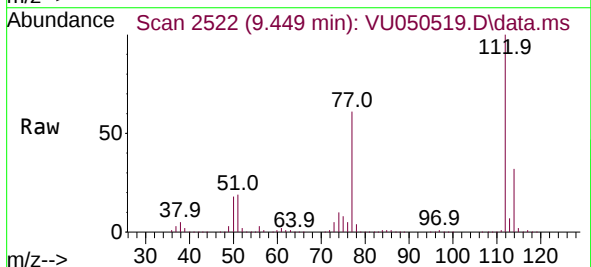
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

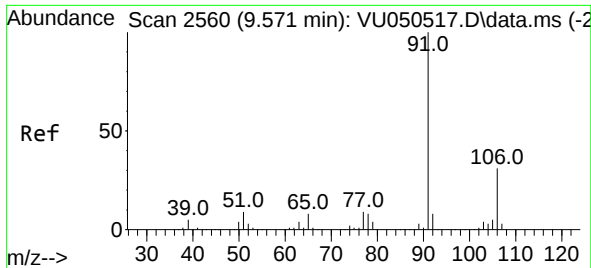
Tgt Ion:107 Resp: 798359
Ion Ratio Lower Upper
107 100
109 93.8 65.2 121.0
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 212.771 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion:112 Resp: 1811025
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 60.6 49.4 74.2

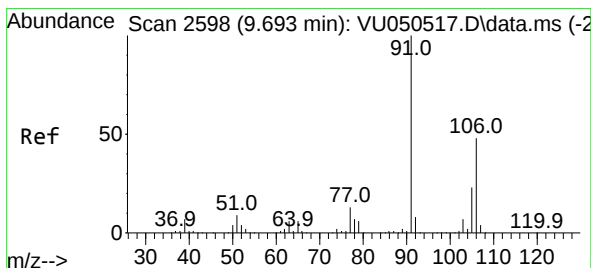
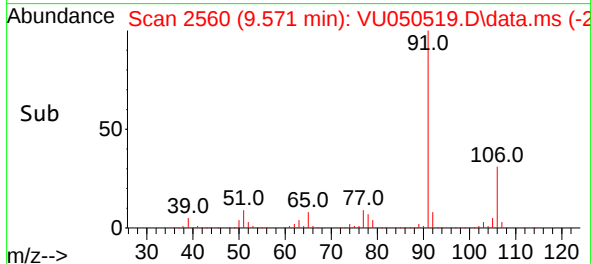
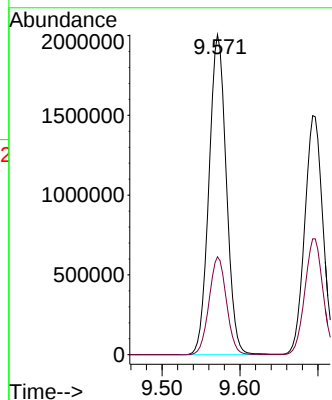
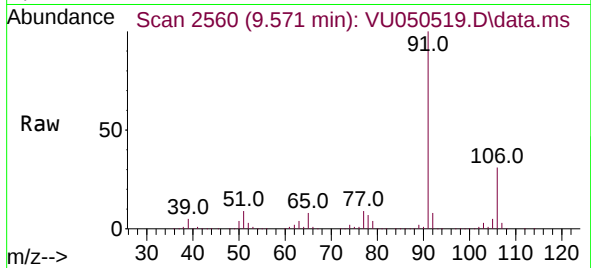




#52
Ethylbenzene
Concen: 237.626 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

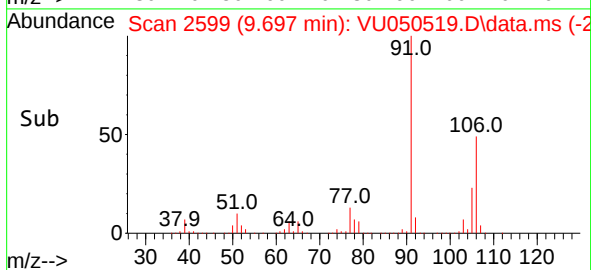
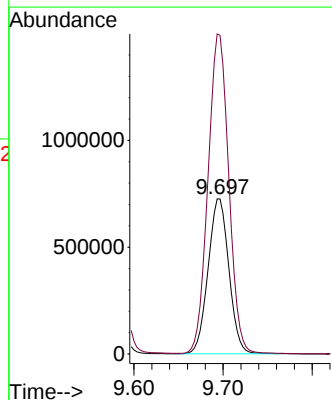
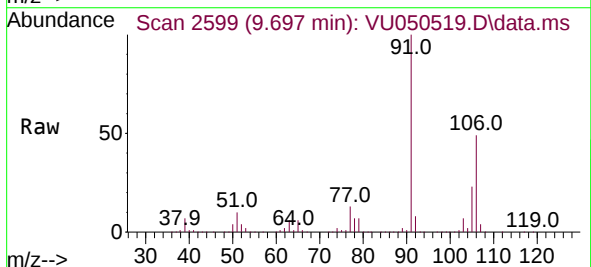
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

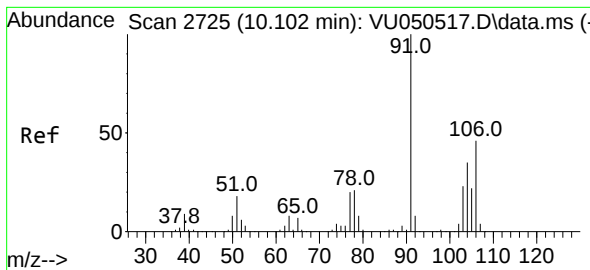
Tgt Ion: 91 Resp: 3104698
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 240.717 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 106 Resp: 1174716
Ion Ratio Lower Upper
106 100
91 205.5 145.1 269.5

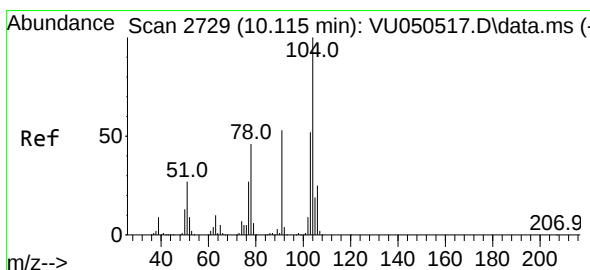
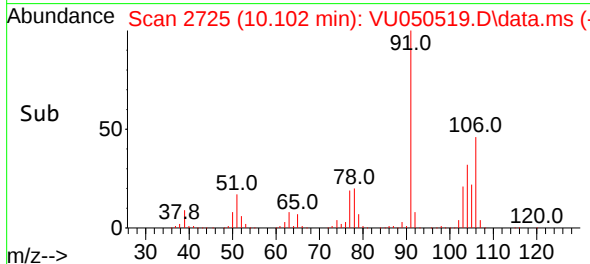
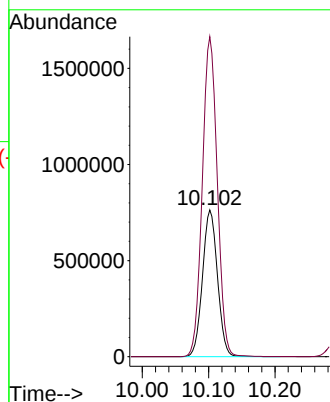
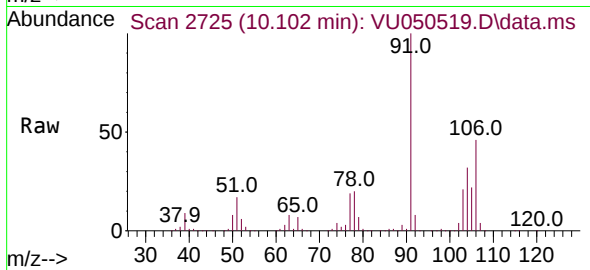




#54
o-Xylene
Concen: 244.526 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

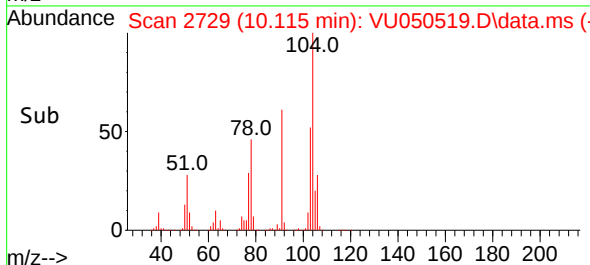
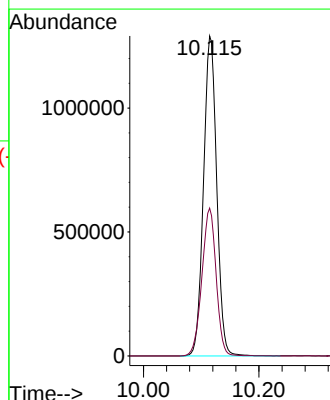
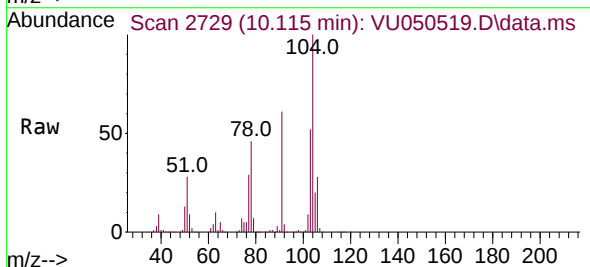
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

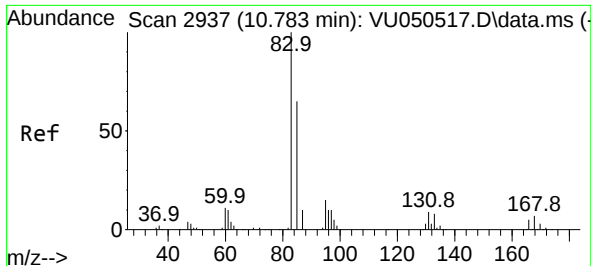
Tgt Ion:106 Resp: 1196010
Ion Ratio Lower Upper
106 100
91 218.0 152.0 282.2



#55
Styrene
Concen: 247.853 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion:104 Resp: 2045713
Ion Ratio Lower Upper
104 100
78 46.2 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 200.992 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD200017

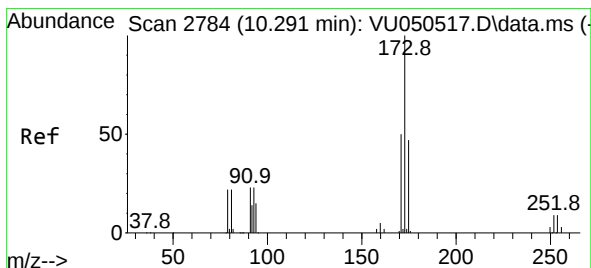
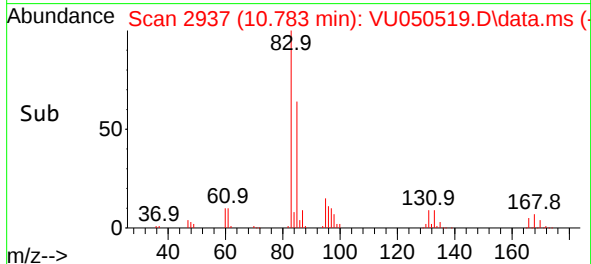
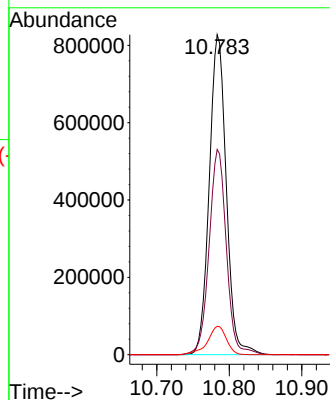
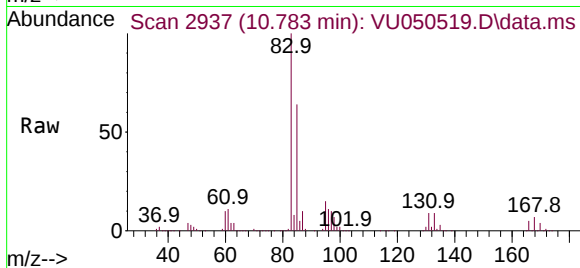
Tgt Ion: 83 Resp: 1345569

Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1

131 8.9 7.2 10.8



#59

Bromoform

Concen: 186.923 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

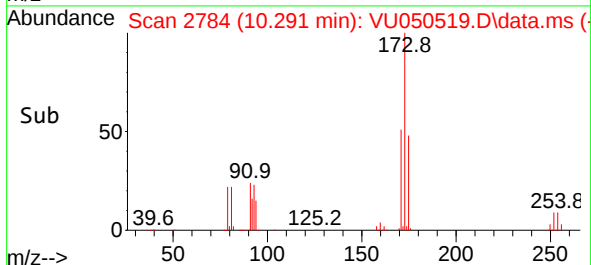
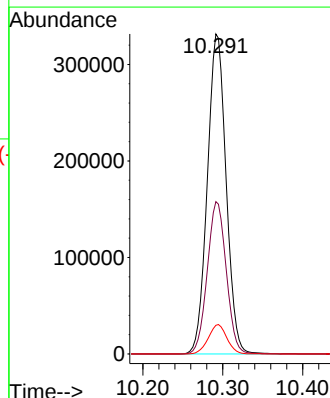
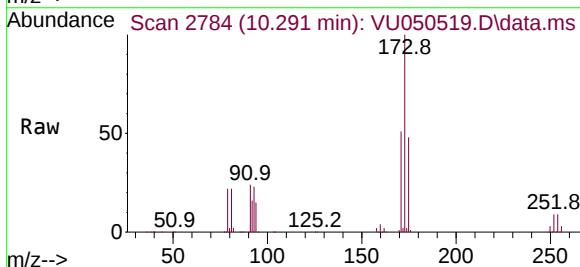
Tgt Ion:173 Resp: 541841

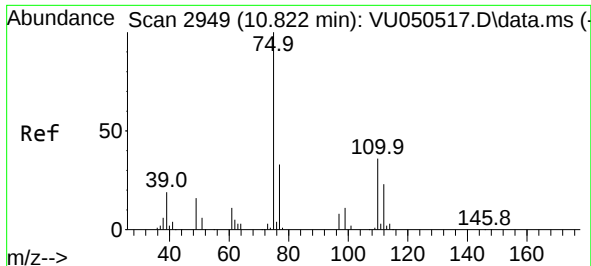
Ion Ratio Lower Upper

173 100

175 48.1 37.8 56.8

254 9.1 7.7 11.5

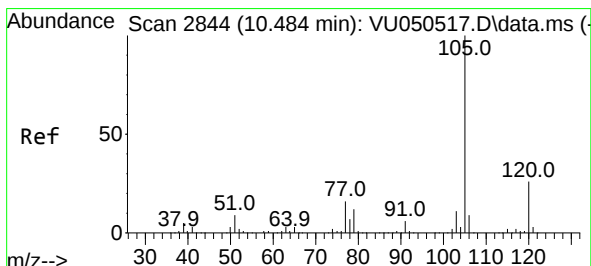
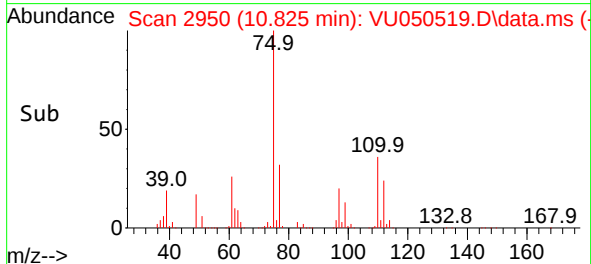
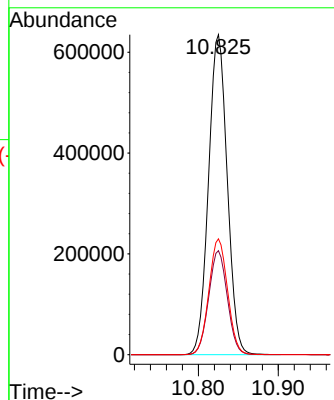
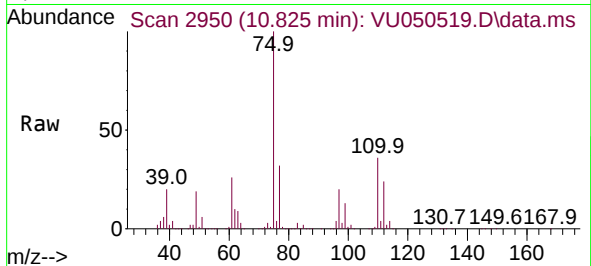




#60
1,2,3-Trichloropropane
Concen: 189.985 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

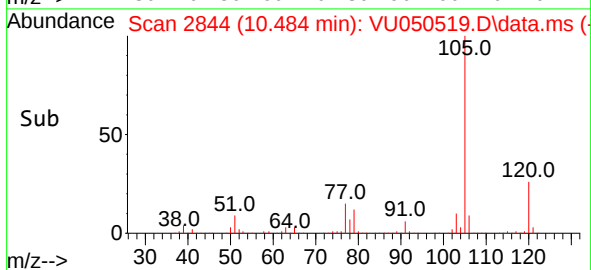
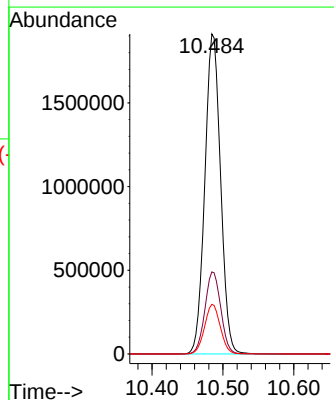
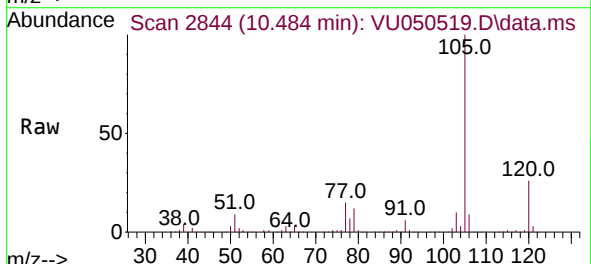
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

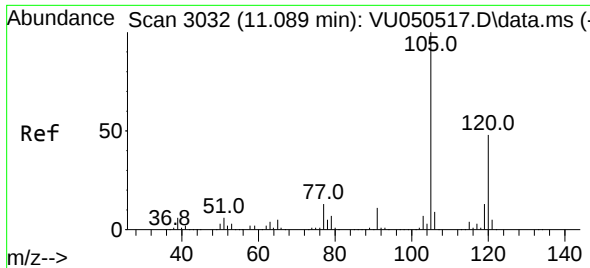
Tgt Ion: 75 Resp: 1030414
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.4
110 36.2 29.0 43.6



#61
Isopropylbenzene
Concen: 228.318 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion: 105 Resp: 2944325
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.5 12.6 19.0

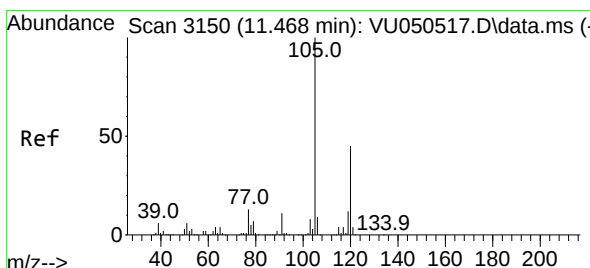
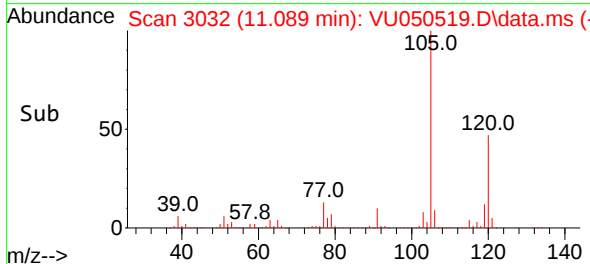
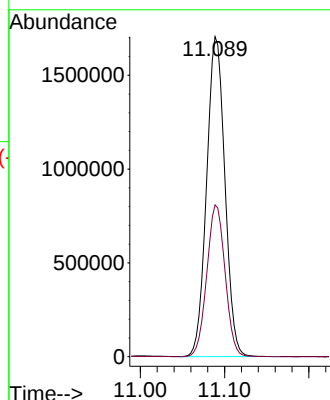
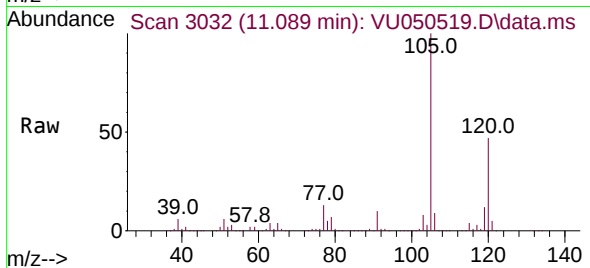




#62
 1,3,5-Trimethylbenzene
 Concen: 245.237 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

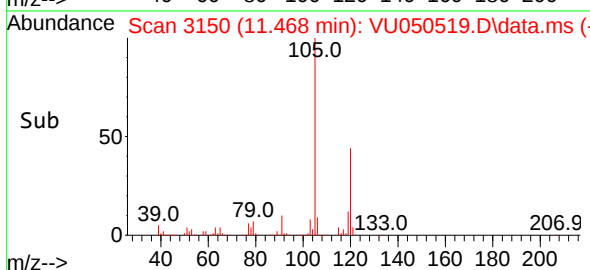
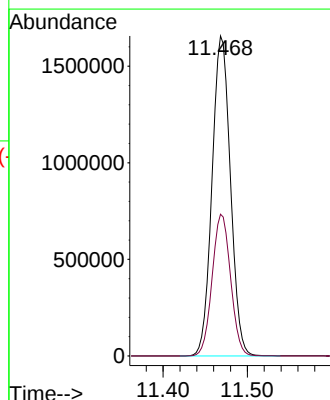
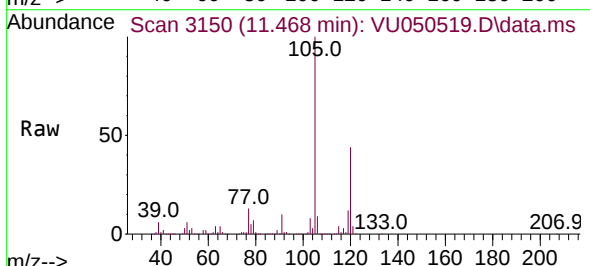
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200017

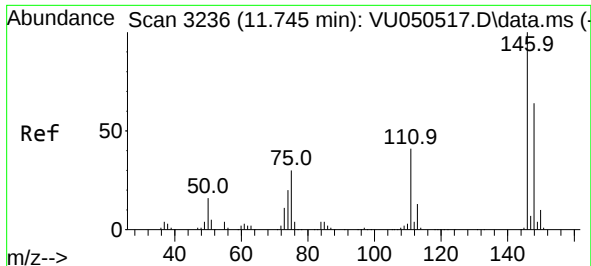
Tgt Ion:105 Resp: 2572148
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.2 57.2



#63
 1,2,4-Trimethylbenzene
 Concen: 245.673 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

Tgt Ion:105 Resp: 2509188
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.6 53.4

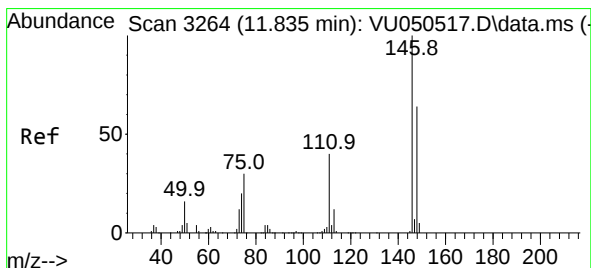
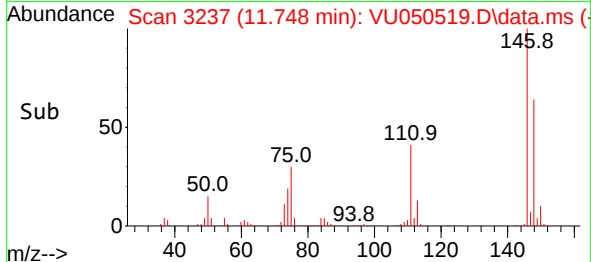
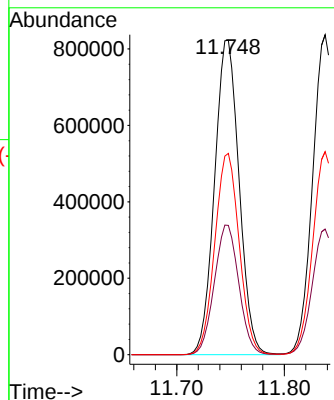
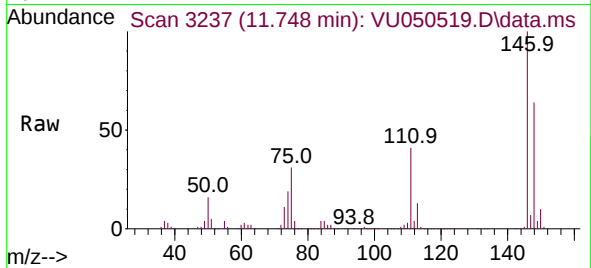




#64
1,3-Dichlorobenzene
Concen: 208.394 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

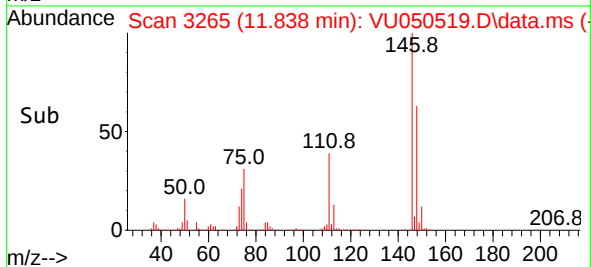
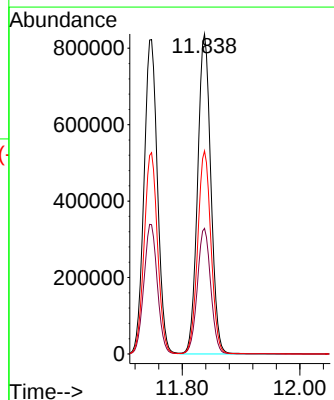
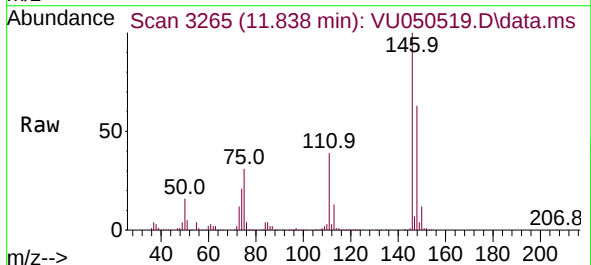
Instrument :
MSVOA_U
ClientSampleId :
VSTD200017

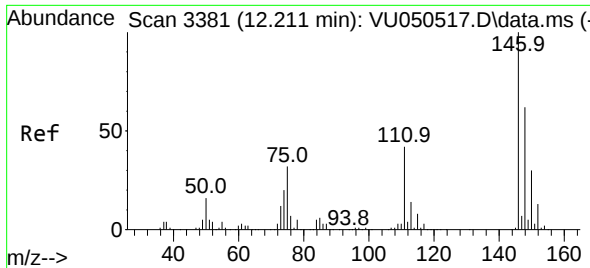
Tgt Ion:146 Resp: 1305953
Ion Ratio Lower Upper
146 100
111 41.1 28.4 52.8
148 64.0 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 207.752 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050519.D
Acq: 30 Aug 2022 16:10

Tgt Ion:146 Resp: 1305775
Ion Ratio Lower Upper
146 100
111 39.3 28.2 52.4
148 63.5 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 206.131 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD200017

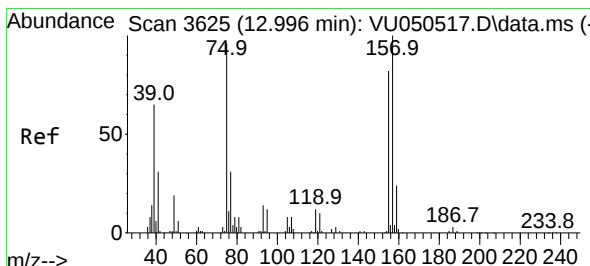
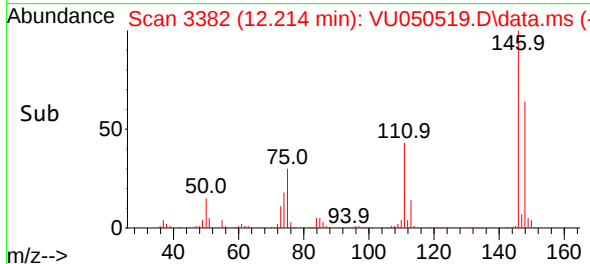
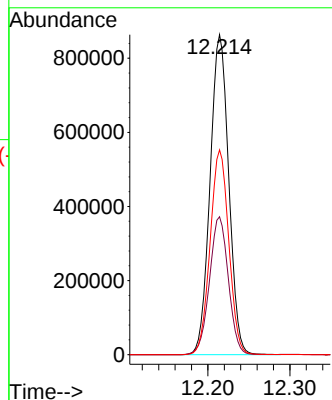
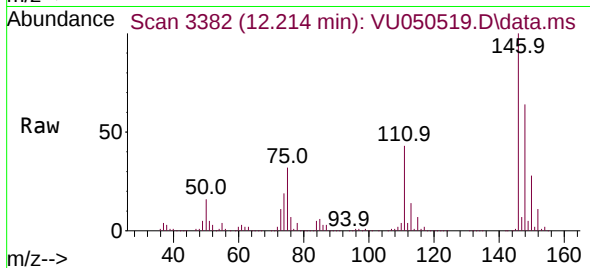
Tgt Ion:146 Resp: 1366046

Ion Ratio Lower Upper

146 100

111 43.1 33.4 50.2

148 64.0 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 215.912 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

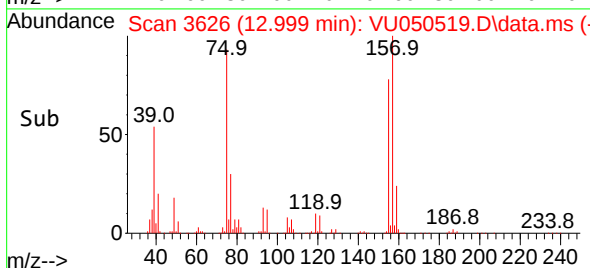
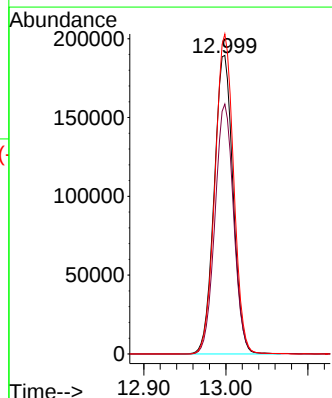
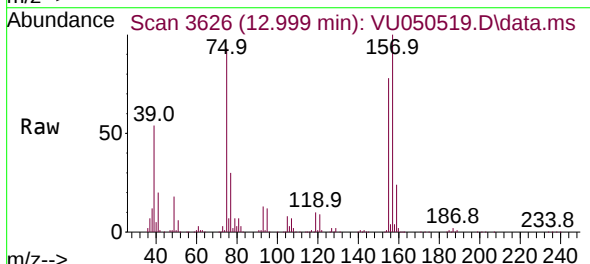
Tgt Ion: 75 Resp: 303693

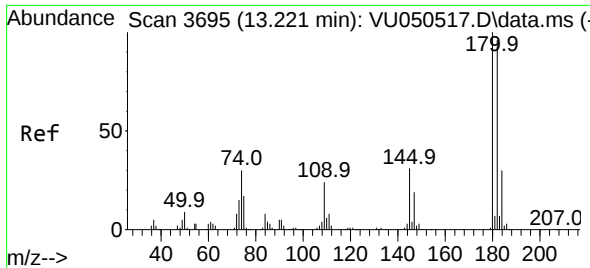
Ion Ratio Lower Upper

75 100

155 83.7 71.4 107.2

157 107.2 83.2 124.8

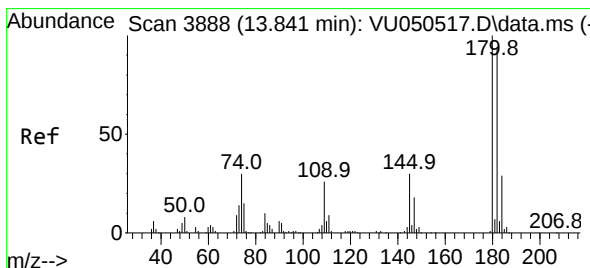
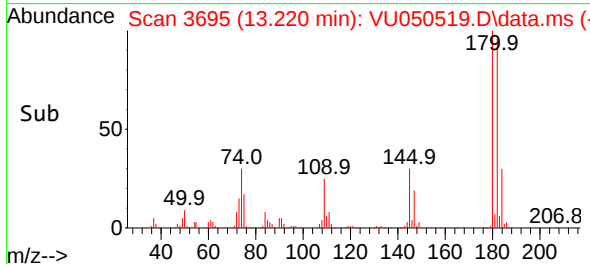
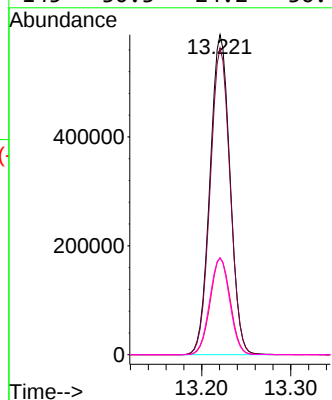
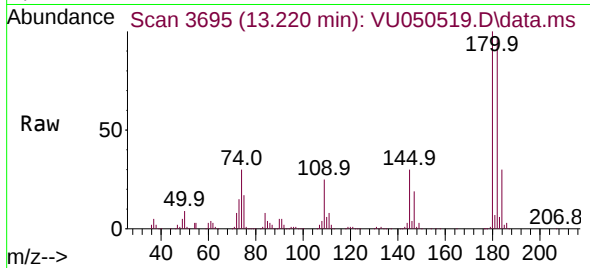




#69
 1,3,5-Trichlorobenzene
 Concen: 213.831 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

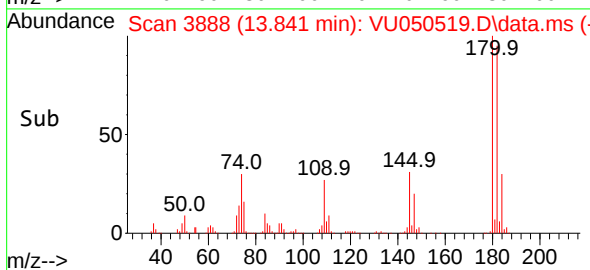
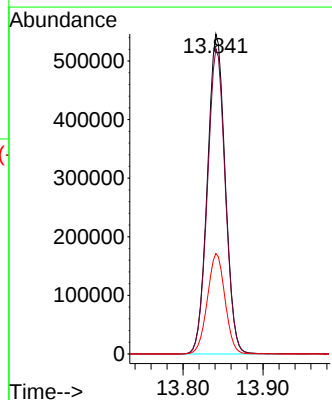
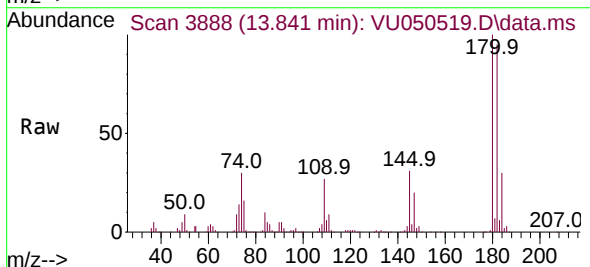
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200017

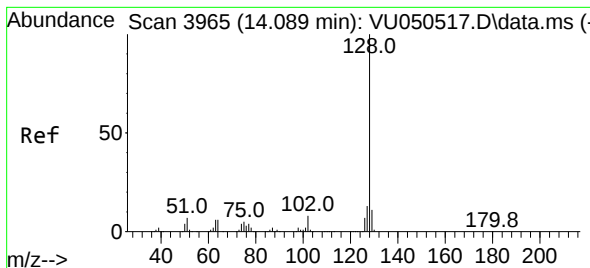
Tgt Ion:180	Resp:	915393
Ion	Ratio	Lower Upper
180	100	
182	95.4	76.3 114.5
184	30.2	24.4 36.6
145	30.3	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 245.868 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050519.D
 Acq: 30 Aug 2022 16:10

Tgt Ion:180	Resp:	846238
Ion	Ratio	Lower Upper
180	100	
182	95.5	76.6 115.0
145	31.1	24.2 36.4





#71

Naphthalene

Concen: 290.862 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD200017

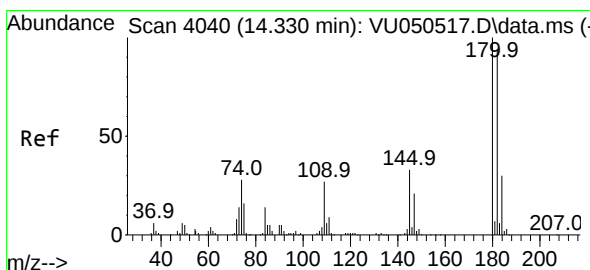
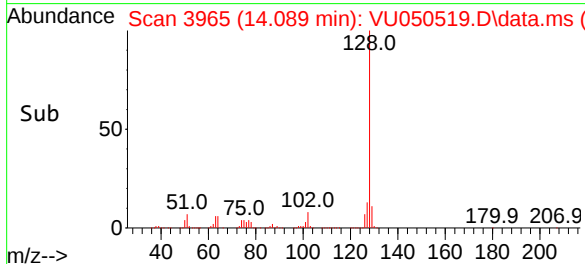
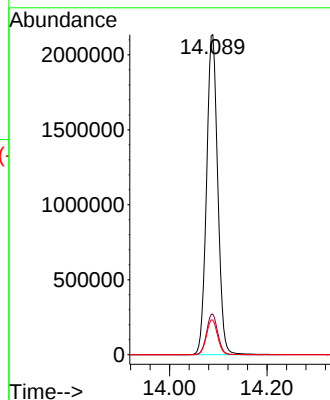
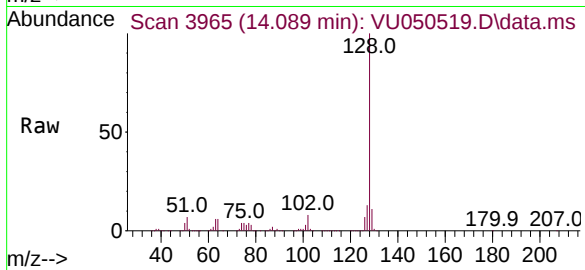
Tgt Ion:128 Resp: 3396197

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 241.819 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU050519.D

Acq: 30 Aug 2022 16:10

Tgt Ion:180 Resp: 918107

Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 32.9 26.2 39.2

