

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049670.D
 Acq On : 11 Jul 2022 11:58
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200005

Quant Time: Jul 12 02:12:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	237006	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225955	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125175	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	382232	243.759	ug/L	0.00
7) Chloroethane-d5	1.893	69	279056	243.168	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	672324	230.948	ug/L	0.00
21) 2-Butanone-d5	4.616	46	719619	445.283	ug/L	0.00
24) Chloroform-d	5.060	84	704265	220.714	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	465896	224.616	ug/L	0.00
32) Benzene-d6	5.726	84	1339779	229.811	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	458588	235.059	ug/L	0.00
41) Toluene-d8	7.896	98	1192557	231.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	215552	237.486	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	494112	496.976	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	700937	221.661	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	466182	211.228	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	491388	218.678	ug/L	99
3) Chloromethane	1.520	50	558715	231.999	ug/L	98
5) Vinyl chloride	1.600	62	503840	224.585	ug/L	100
6) Bromomethane	1.835	94	223004	185.637	ug/L	97
8) Chloroethane	1.916	64	274287	219.723	ug/L	99
9) Trichlorofluoromethane	2.128	101	607701	198.075	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	311785	181.366	ug/L	100
12) 1,1-Dichloroethene	2.571	96	303418	200.616	ug/L	87
13) Acetone	2.623	43	496216	371.216	ug/L	98
14) Carbon disulfide	2.787	76	1007704	244.573	ug/L	99
15) Methyl Acetate	2.944	43	510770	202.516	ug/L	99
16) Methylene chloride	3.041	84	388157	197.934	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	336316	203.111	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1240545	203.731	ug/L	100
19) 1,1-Dichloroethane	3.864	63	712723	200.220	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	391510	197.069	ug/L	97
22) 2-Butanone	4.697	43	805296	407.392	ug/L	100
23) Bromochloromethane	4.970	128	193041	186.350	ug/L	98
25) Chloroform	5.086	83	717133	195.475	ug/L	100
27) 1,2-Dichloroethane	5.790	62	610992	202.139	ug/L	99
29) Cyclohexane	5.385	56	643527	234.197	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	595159	186.405	ug/L	99
31) Carbon tetrachloride	5.523	117	478053	173.221	ug/L	98
33) Benzene	5.771	78	1554885	205.229	ug/L	100
34) Trichloroethene	6.539	95	374798	197.890	ug/L	99
35) Methylcyclohexane	6.761	83	581898	213.629	ug/L	99
37) 1,2-Dichloropropane	6.790	63	433060	202.917	ug/L	100
38) Bromodichloromethane	7.105	83	548070	197.263	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	656513	211.886	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	1535988	431.599	ug/L	99
42) Toluene	7.967	91	1580984	202.581	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	615731	203.909	ug/L	98

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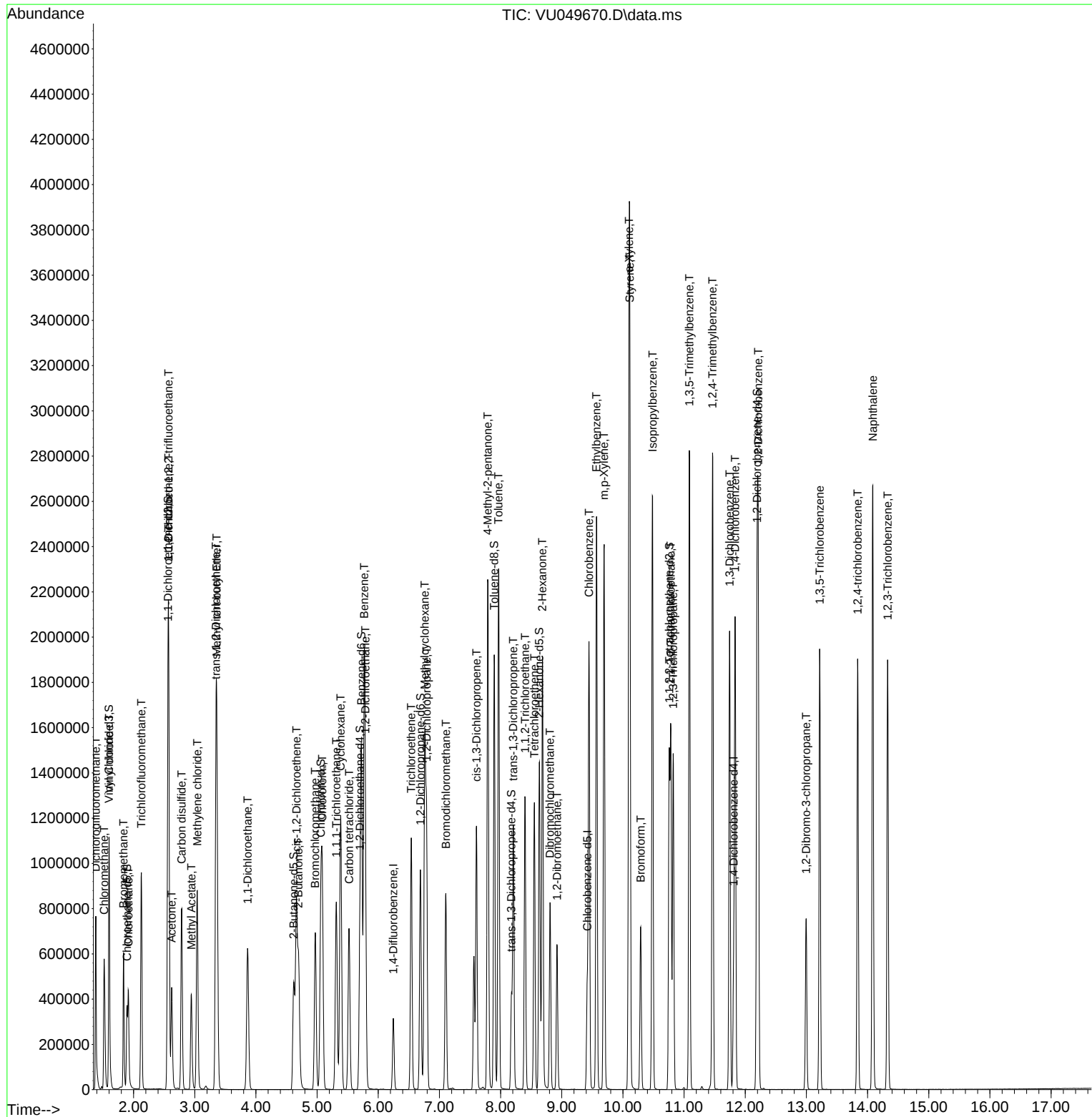
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	379422	187.801	ug/L	99
46) Tetrachloroethene	8.552	164	254393	175.589	ug/L	99
48) 2-Hexanone	8.684	43	1237388	427.908	ug/L	99
49) Dibromochloromethane	8.809	129	399009	180.920	ug/L	96
50) 1,2-Dibromoethane	8.922	107	400563	190.746	ug/L	100
51) Chlorobenzene	9.446	112	962607	187.551	ug/L	99
52) Ethylbenzene	9.568	91	1727862	205.379	ug/L	98
53) m,p-Xylene	9.693	106	632394	195.668	ug/L	99
54) o-Xylene	10.099	106	628770	191.976	ug/L	96
55) Styrene	10.115	104	1100643	201.630	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	743994	197.360	ug/L	99
59) Bromoform	10.291	173	306878	169.353	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	595033	184.415	ug/L	100
61) Isopropylbenzene	10.484	105	1646367	190.104	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	1465103	198.235	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	1500769	240.527	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	741679	176.703	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	751777	177.556	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	779156	180.372	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	191943	184.435	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	548317	183.515	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	524722	205.107	ug/L	99
71) Naphthalene	14.086	128	1977075	215.836	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	529352	195.926	ug/L	99

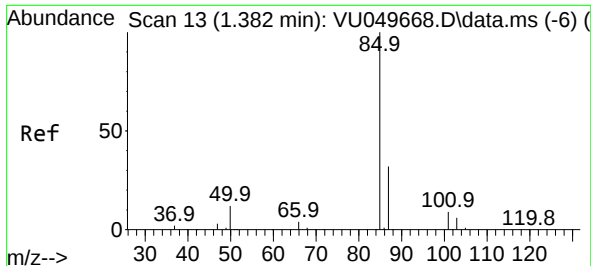
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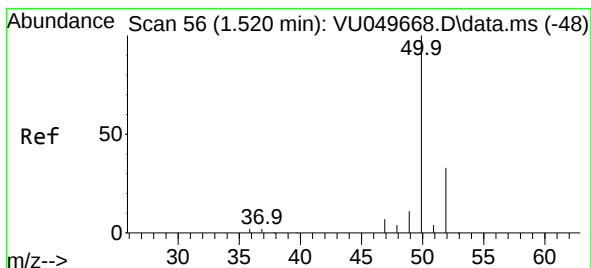
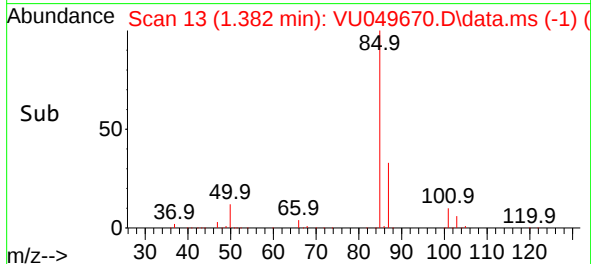
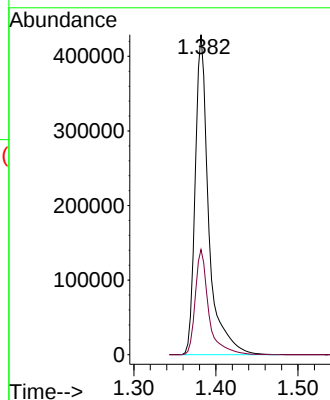
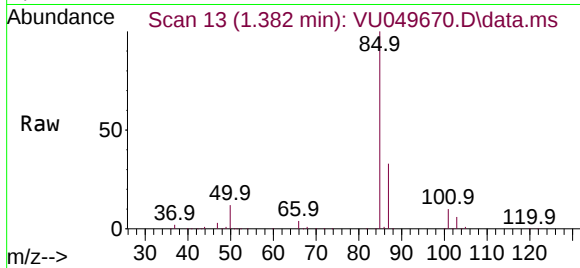




#2
Dichlorodifluoromethane
Concen: 218.678 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

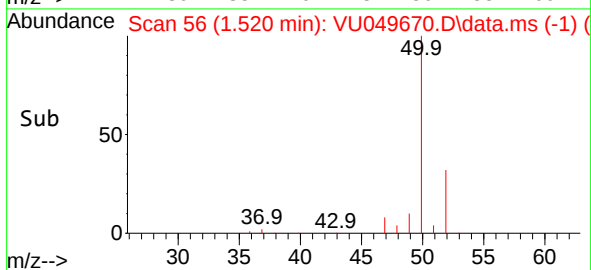
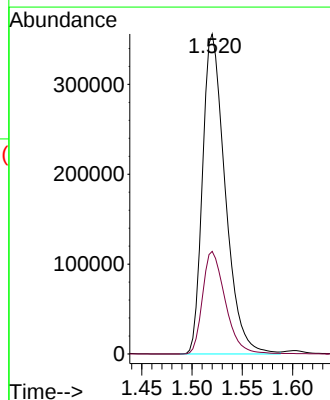
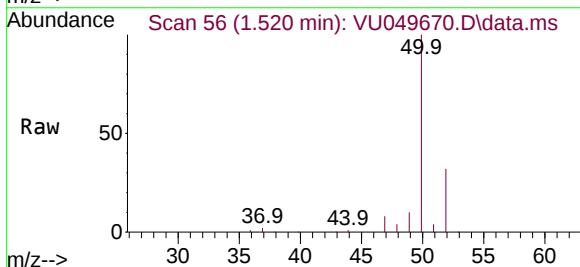
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

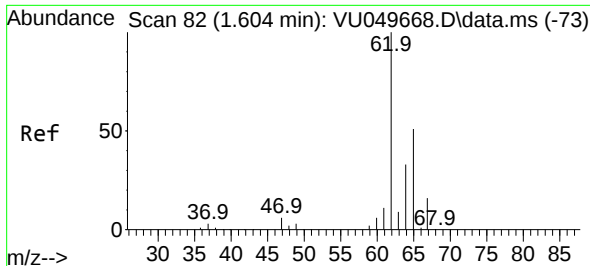
Tgt Ion: 85 Resp: 491388
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5



#3
Chloromethane
Concen: 231.999 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion: 50 Resp: 558715
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.0

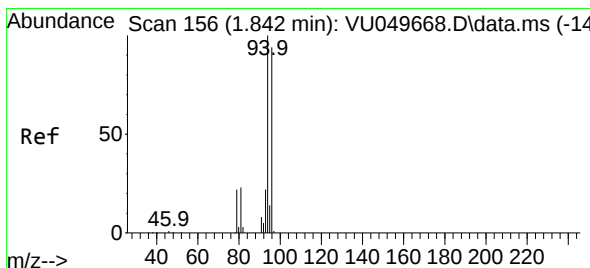
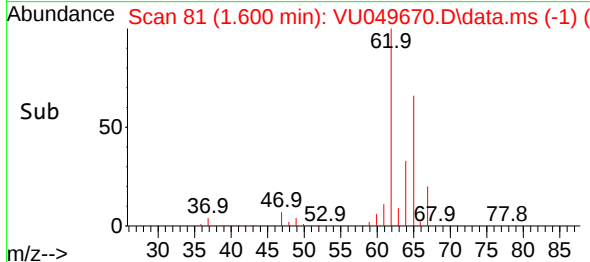
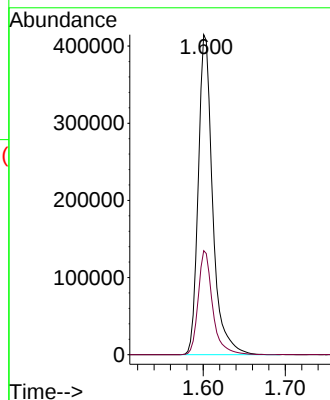
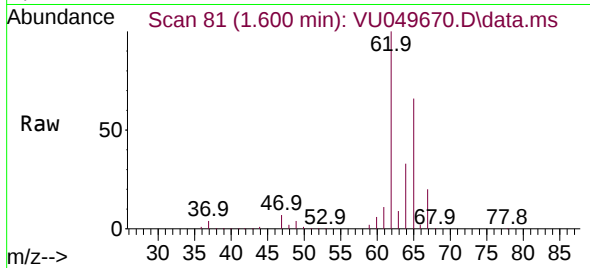




#5
 Vinyl chloride
 Concen: 224.585 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049670.D
 Acq: 11 Jul 2022 11:58

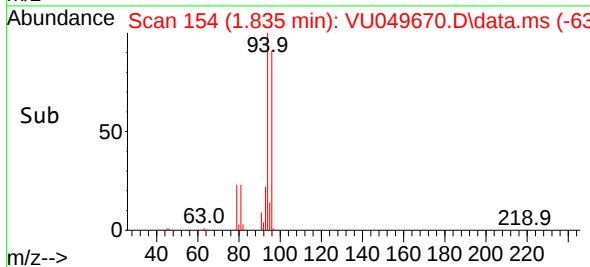
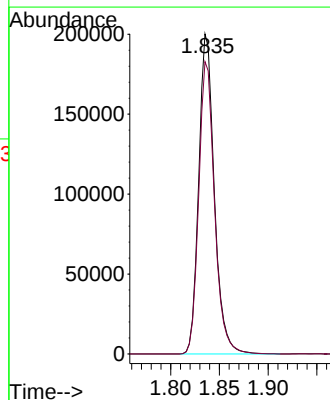
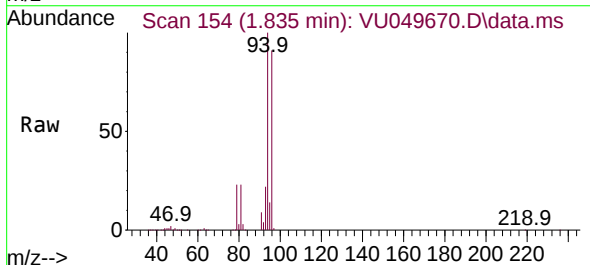
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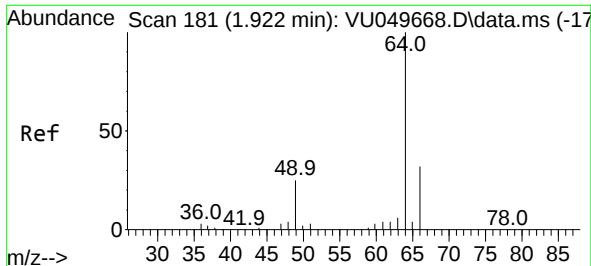
Tgt Ion: 62 Resp: 503840
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.6



#6
 Bromomethane
 Concen: 185.637 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. -0.006 min
 Lab File: VU049670.D
 Acq: 11 Jul 2022 11:58

Tgt Ion: 94 Resp: 223004
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.1 122.7

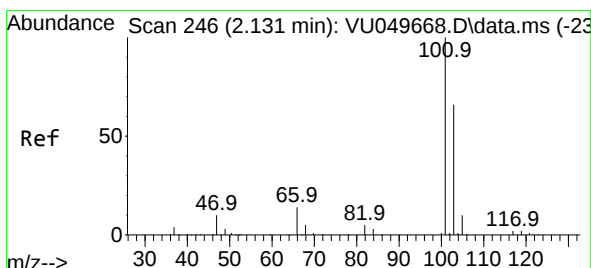
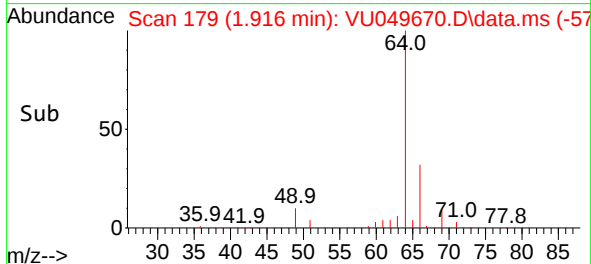
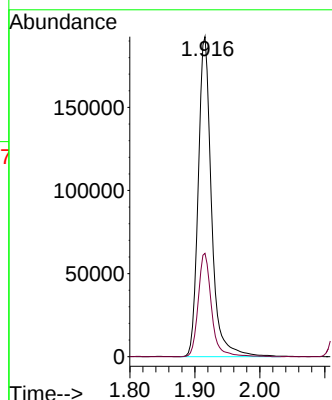
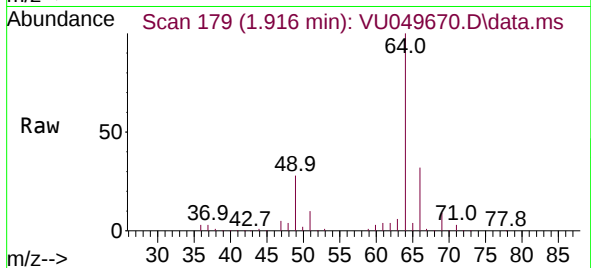




#8
Chloroethane
Concen: 219.723 ug/L
RT: 1.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

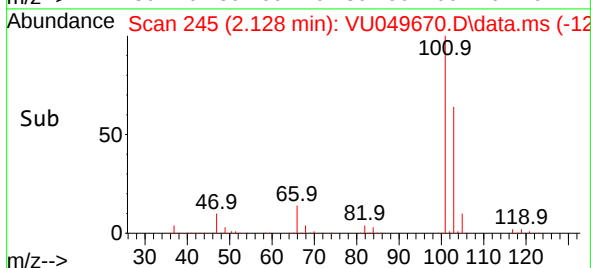
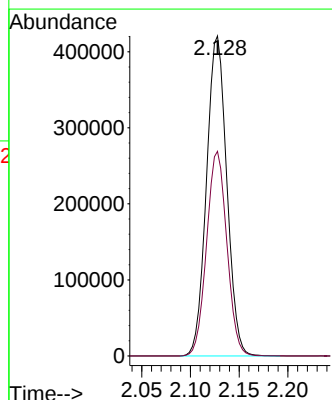
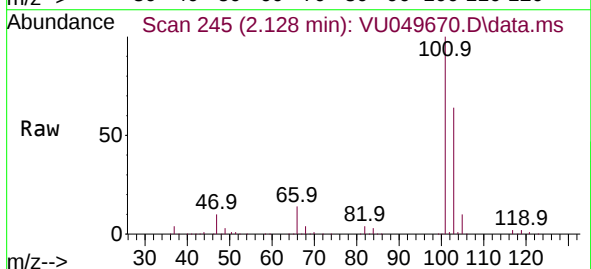
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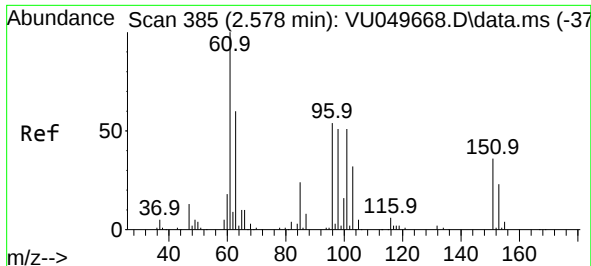
Tgt Ion: 64 Resp: 274287
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 198.075 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.003 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion:101 Resp: 607701
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

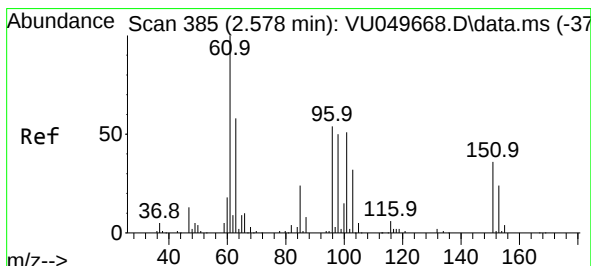
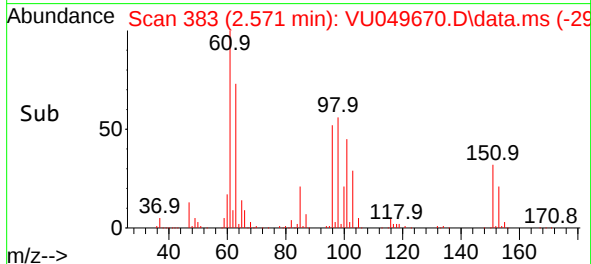
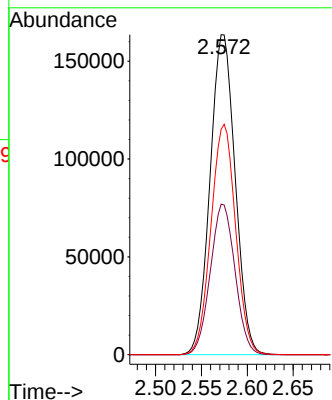
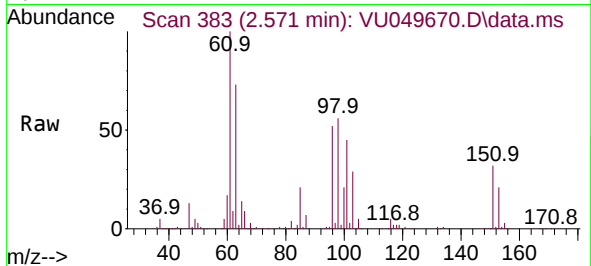




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 181.366 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU049670.D
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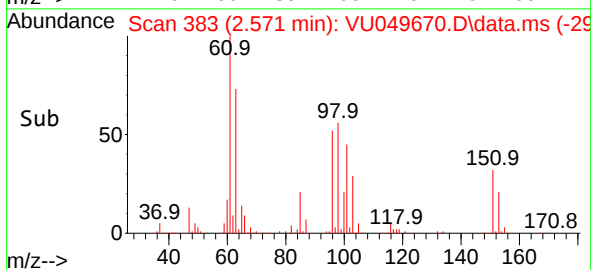
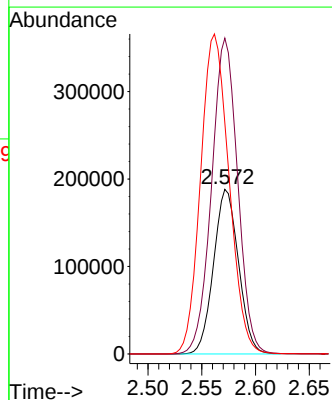
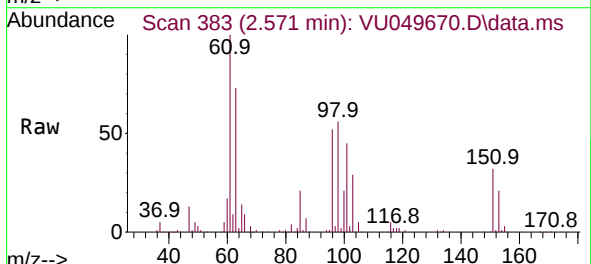
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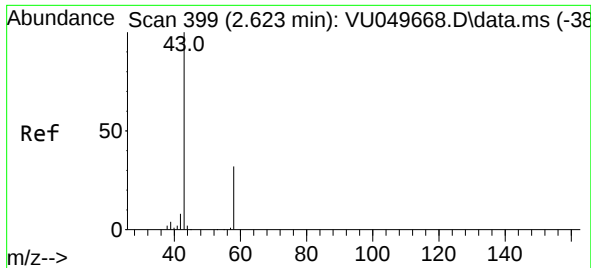
Tgt Ion:101 Resp: 311785
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.3 55.9
 151 70.9 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 200.616 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU049670.D
 Acq: 11 Jul 2022 11:58

Tgt Ion: 96 Resp: 303418
 Ion Ratio Lower Upper
 96 100
 61 191.8 129.6 240.6
 63 140.3 79.0 146.6





#13

Acetone

Concen: 371.216 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

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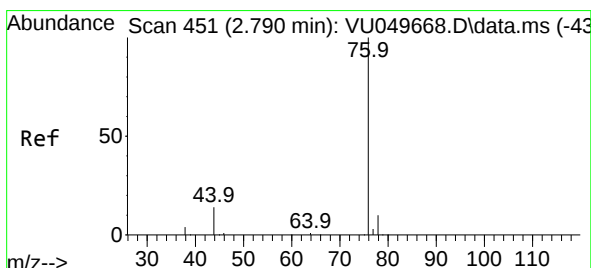
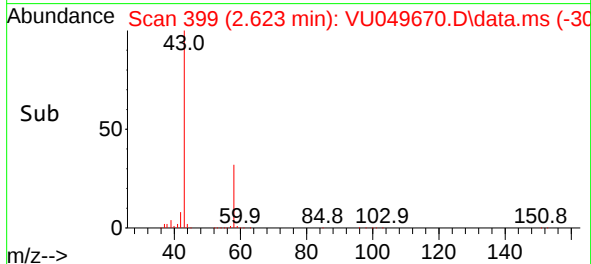
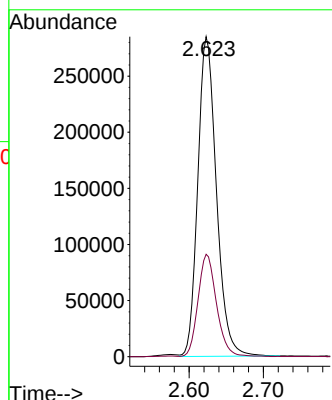
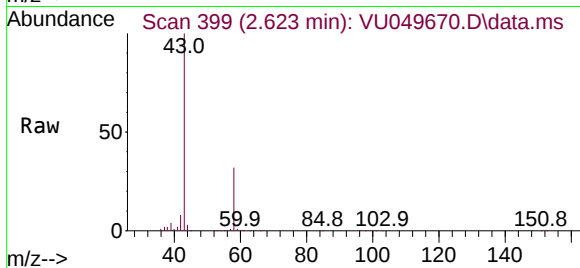
VSTD200005

Tgt Ion: 43 Resp: 496216

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.4



#14

Carbon disulfide

Concen: 244.573 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049670.D

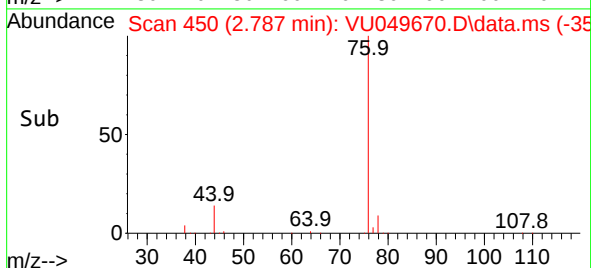
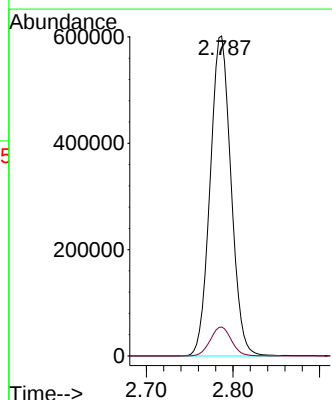
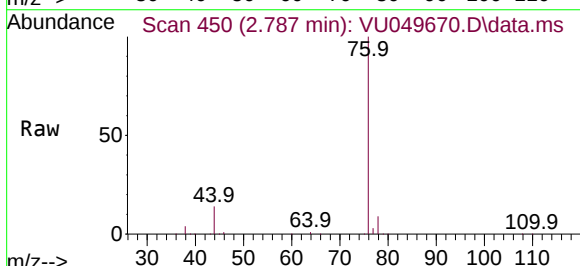
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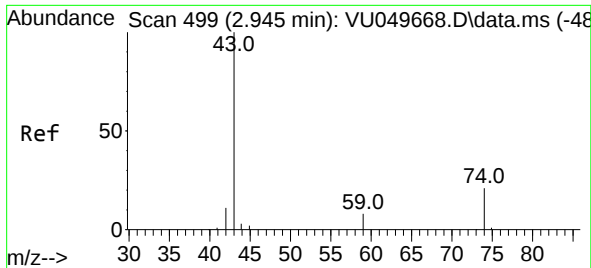
Tgt Ion: 76 Resp: 1007704

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

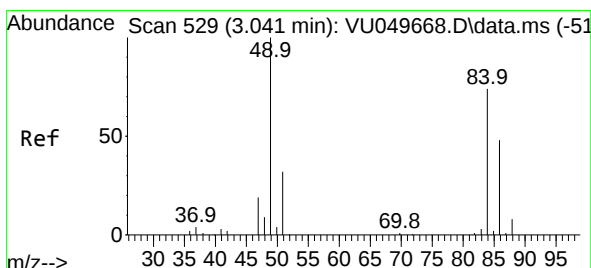
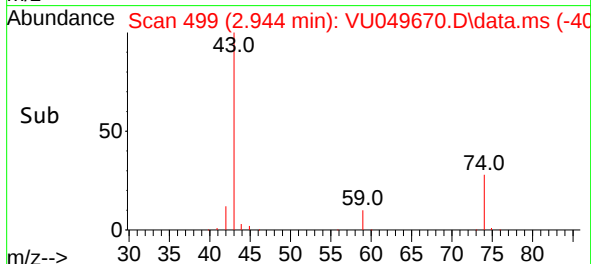
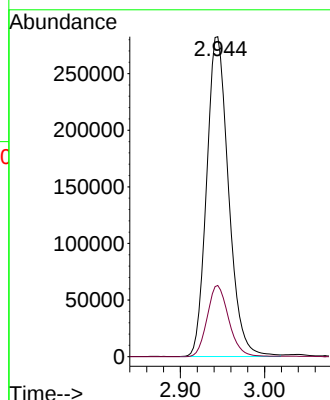
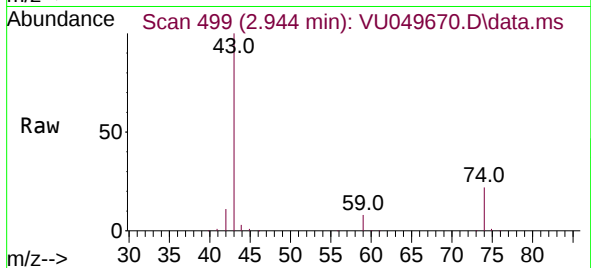




#15
Methyl Acetate
Concen: 202.516 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

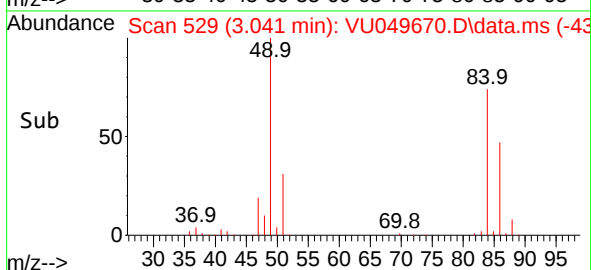
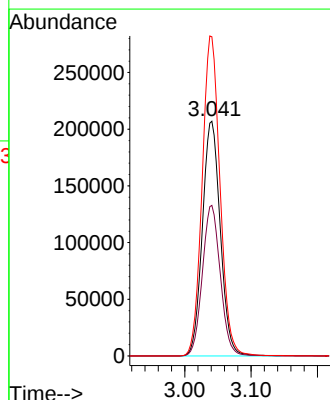
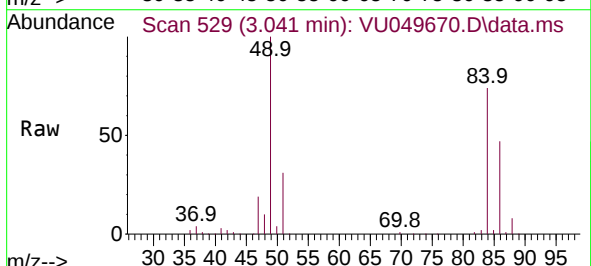
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

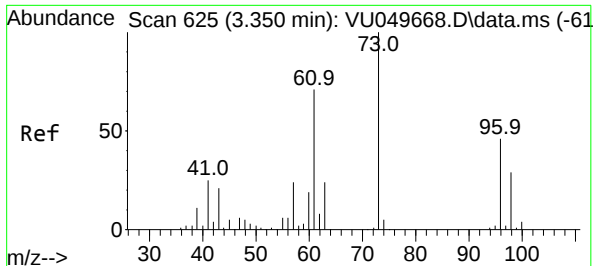
Tgt Ion: 43 Resp: 510770
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0



#16
Methylene chloride
Concen: 197.934 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion: 84 Resp: 388157
Ion Ratio Lower Upper
84 100
86 64.2 45.6 84.6
49 136.0 94.4 175.4





#17

trans-1,2-Dichloroethene

Concen: 203.111 ug/L

RT: 3.346 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD200005

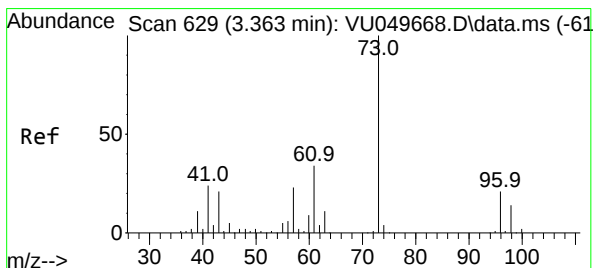
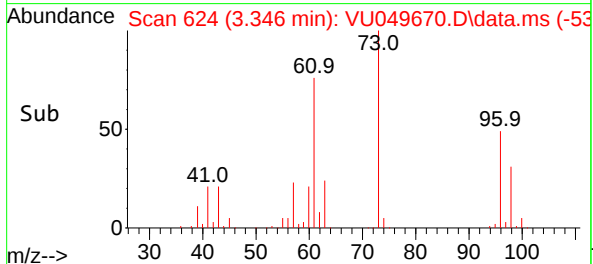
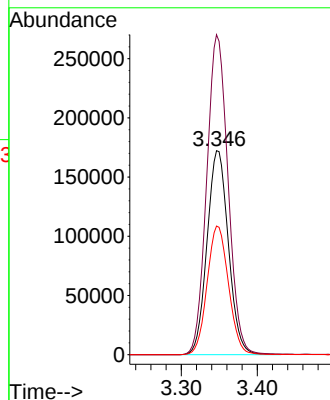
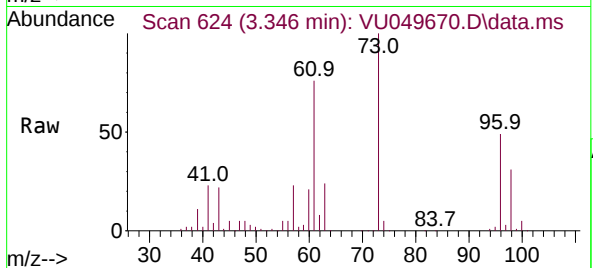
Tgt Ion: 96 Resp: 336316

Ion Ratio Lower Upper

96 100

61 156.8 107.6 199.8

98 63.0 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 203.731 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

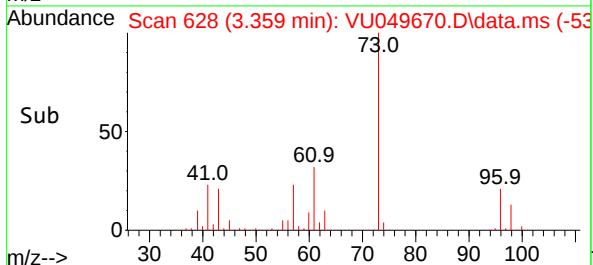
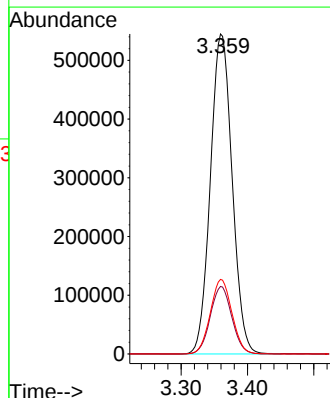
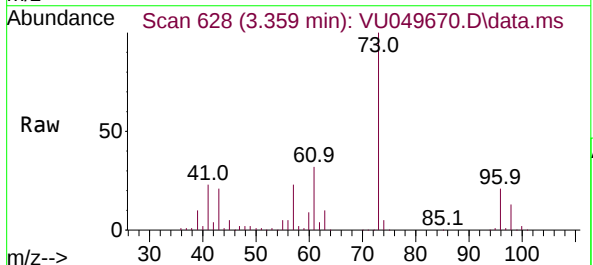
Tgt Ion: 73 Resp: 1240545

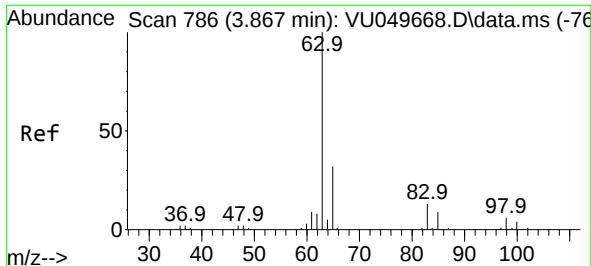
Ion Ratio Lower Upper

73 100

43 20.9 17.0 25.4

57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 200.220 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD200005

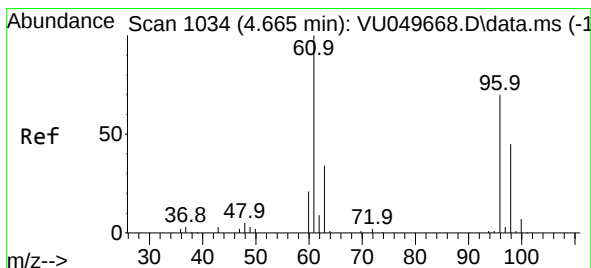
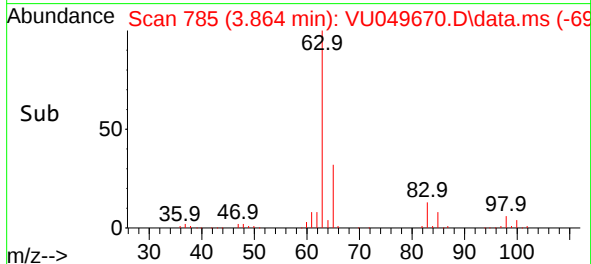
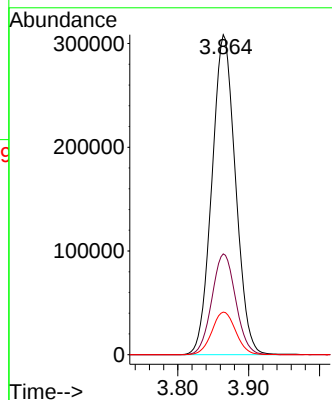
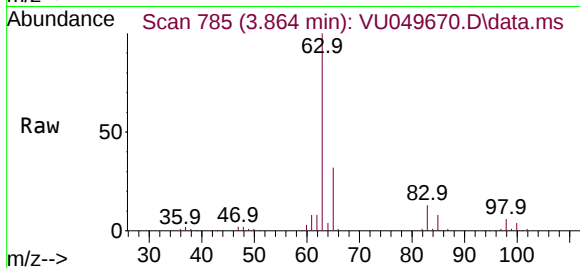
Tgt Ion: 63 Resp: 712723

Ion Ratio Lower Upper

63 100

65 31.5 22.6 42.0

83 13.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 197.069 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

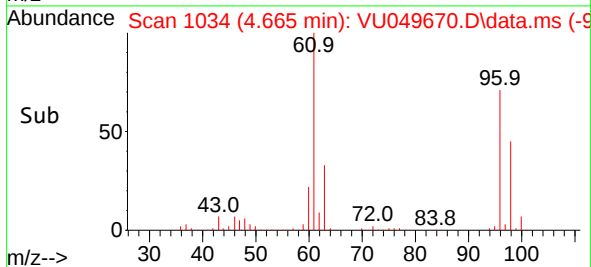
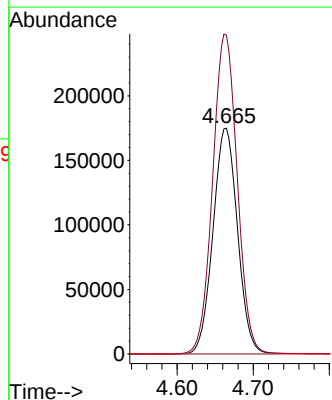
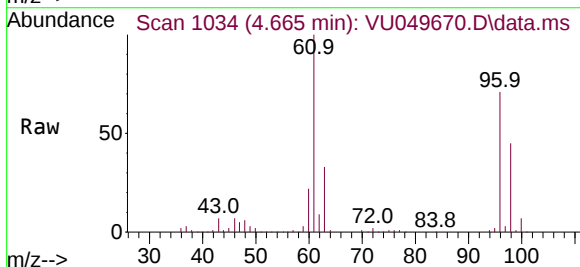
Tgt Ion: 96 Resp: 391510

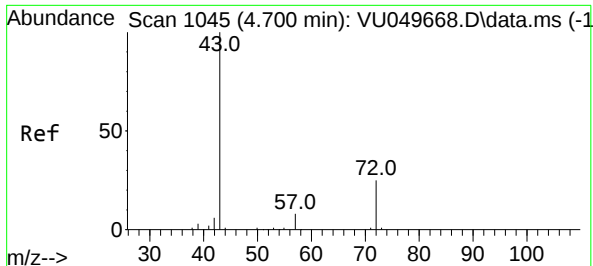
Ion Ratio Lower Upper

96 100

61 141.2 101.1 187.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 407.392 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

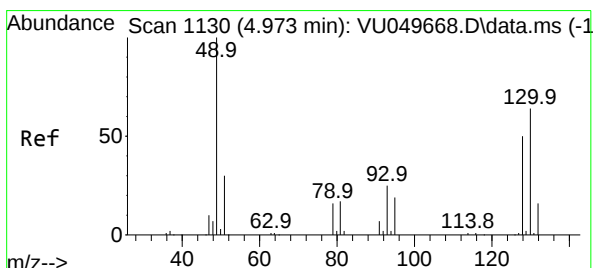
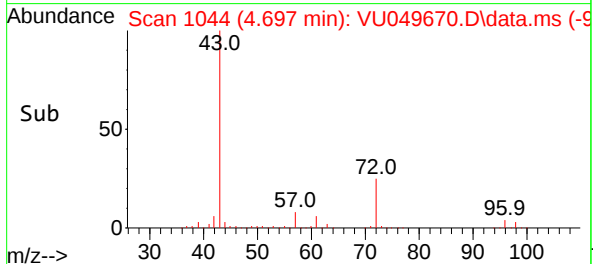
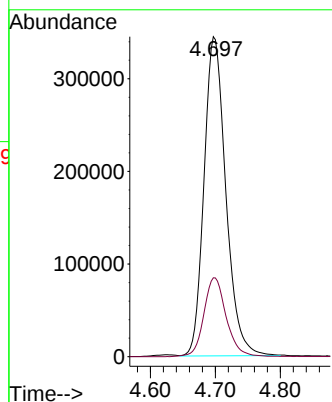
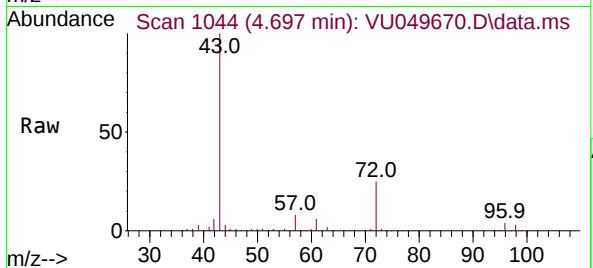
VSTD200005

Tgt Ion: 43 Resp: 805296

Ion Ratio Lower Upper

43 100

72 25.4 12.7 38.0



#23

Bromochloromethane

Concen: 186.350 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Tgt Ion:128 Resp: 193041

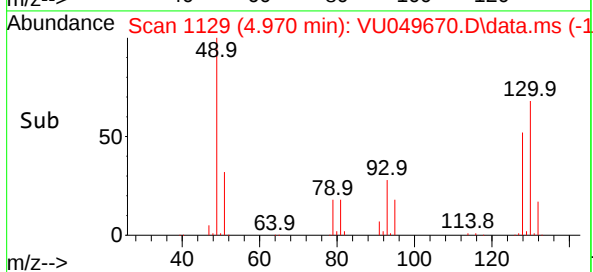
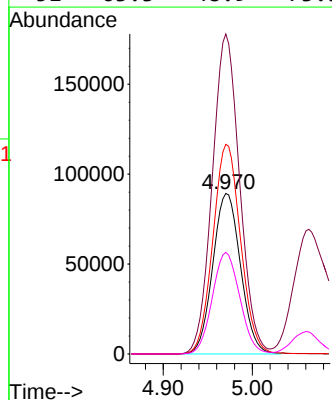
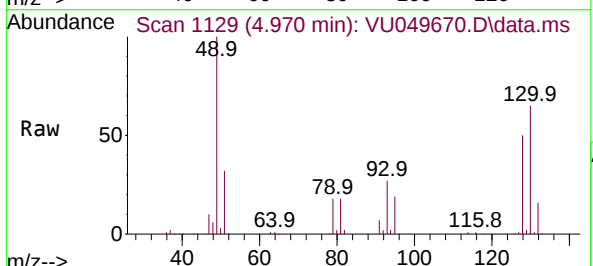
Ion Ratio Lower Upper

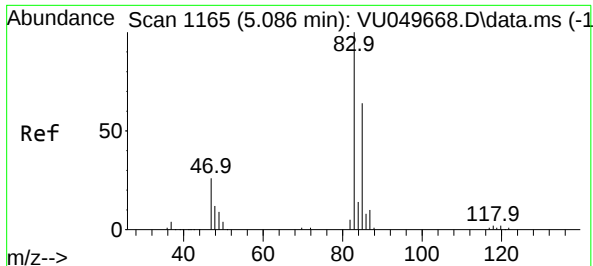
128 100

49 199.4 140.9 261.7

130 130.6 90.0 167.2

51 63.3 48.9 73.3





#25

Chloroform

Concen: 195.475 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

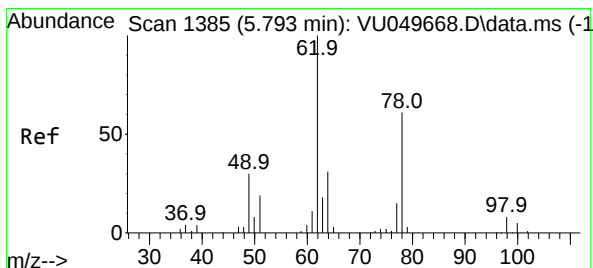
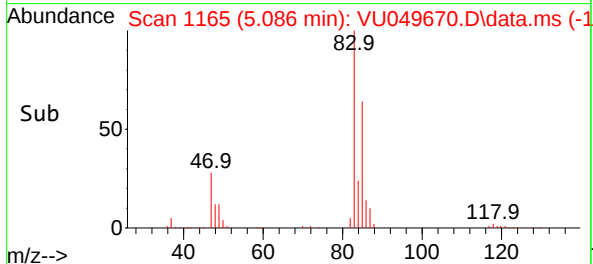
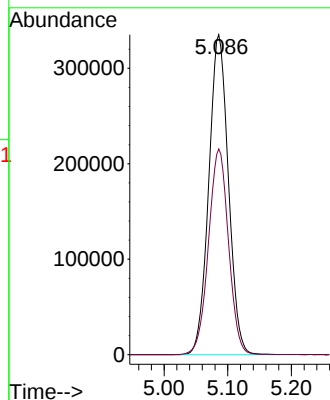
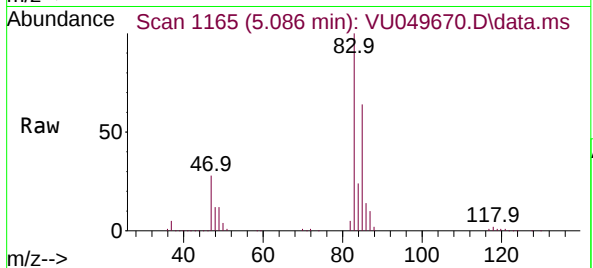
VSTD200005

Tgt Ion: 83 Resp: 717133

Ion Ratio Lower Upper

83 100

85 64.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 202.139 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU049670.D

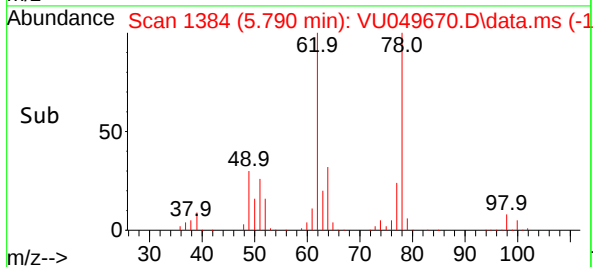
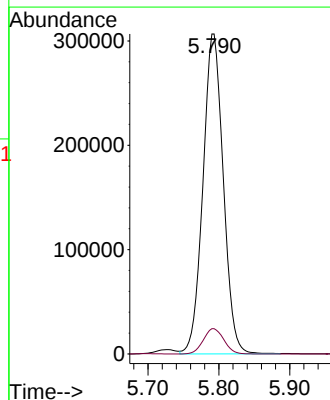
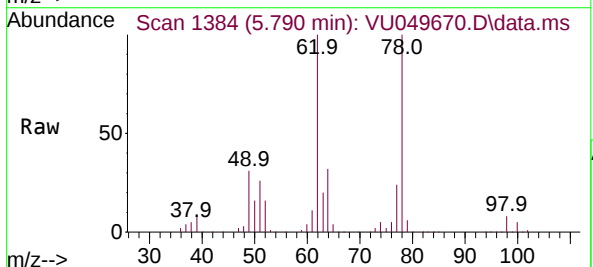
Acq: 11 Jul 2022 11:58

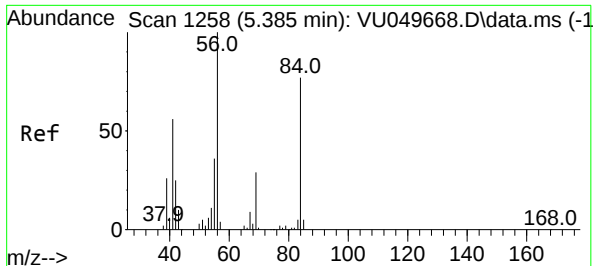
Tgt Ion: 62 Resp: 610992

Ion Ratio Lower Upper

62 100

98 7.9 6.7 10.1





#29

Cyclohexane

Concen: 234.197 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD200005

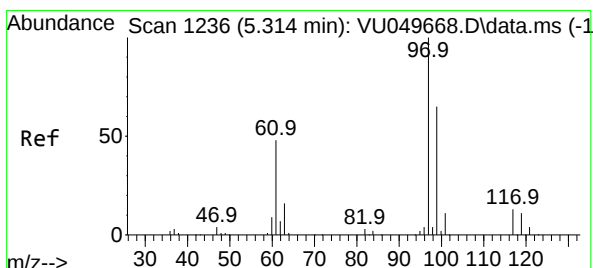
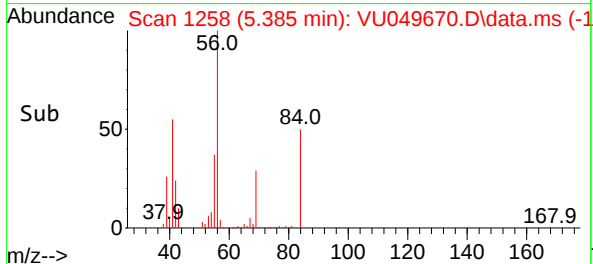
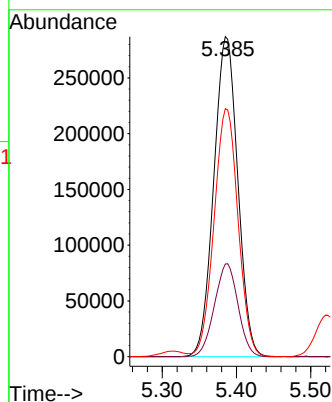
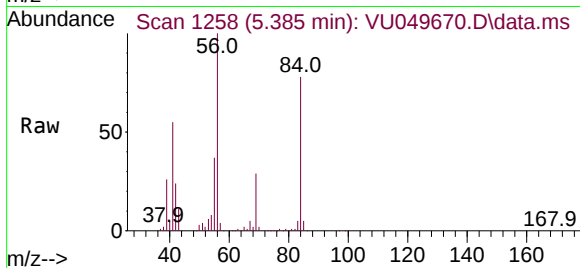
Tgt Ion: 56 Resp: 643527

Ion Ratio Lower Upper

56 100

69 28.7 23.4 35.2

84 77.7 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 186.405 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

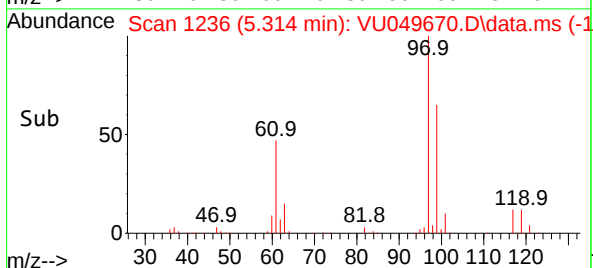
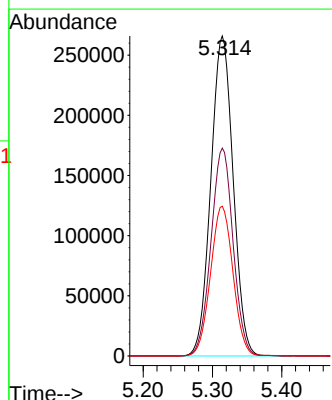
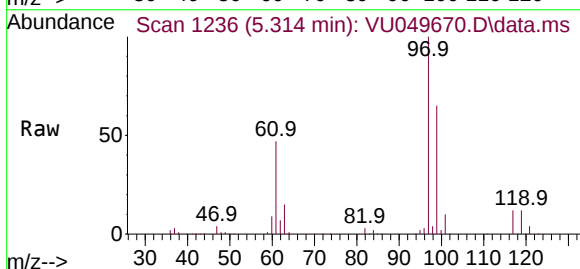
Tgt Ion: 97 Resp: 595159

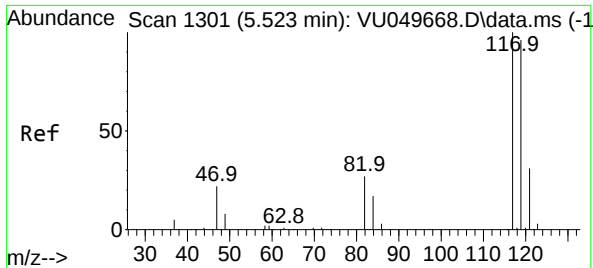
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 47.1 38.2 57.2

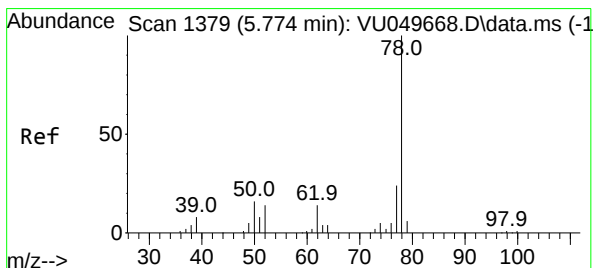
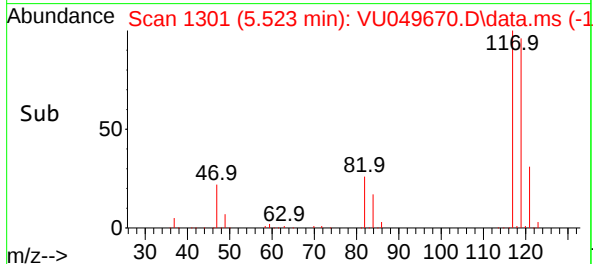
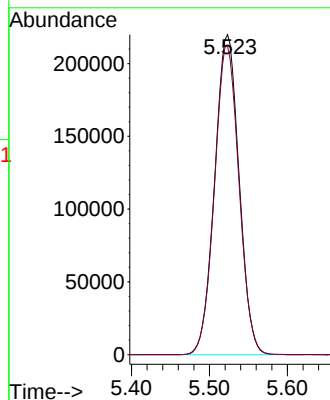
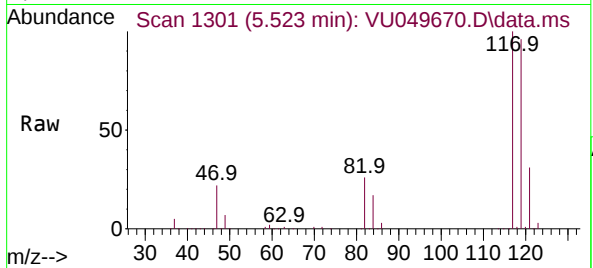




#31
Carbon tetrachloride
Concen: 173.221 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

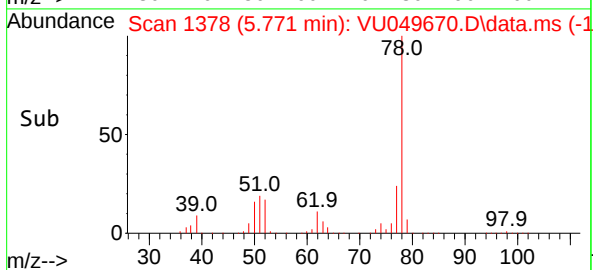
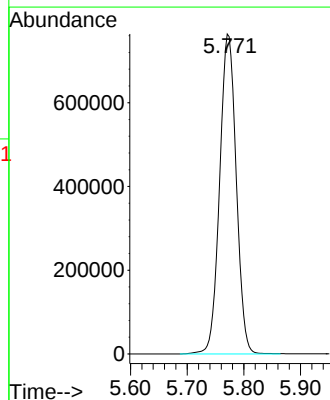
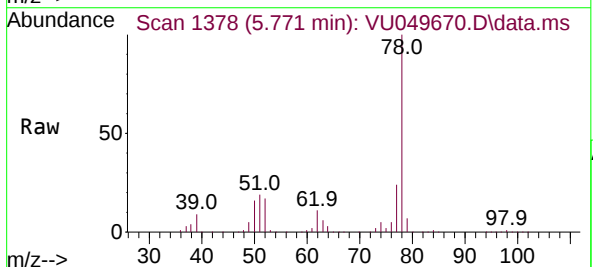
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

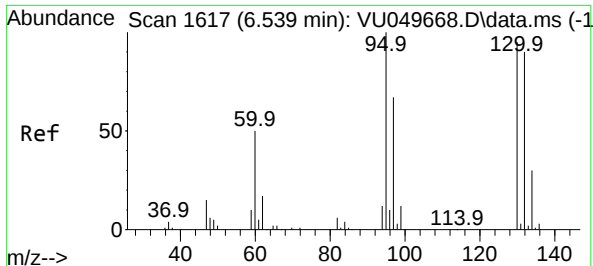
Tgt Ion:117 Resp: 478053
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8



#33
Benzene
Concen: 205.229 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion: 78 Resp: 1554885

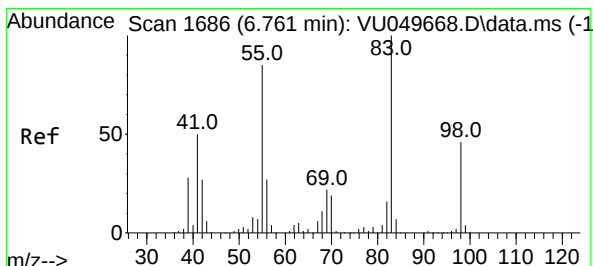
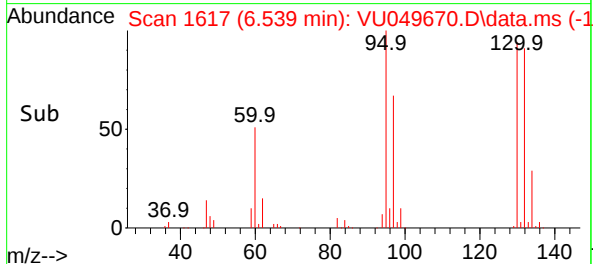
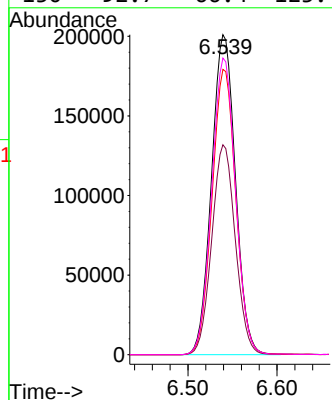
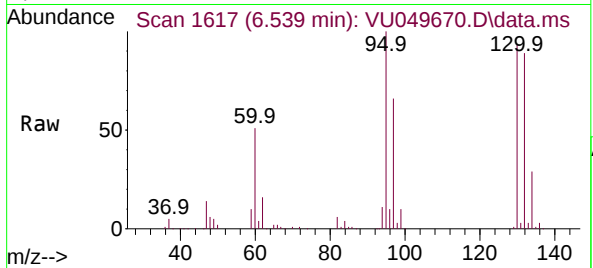




#34
Trichloroethene
Concen: 197.890 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

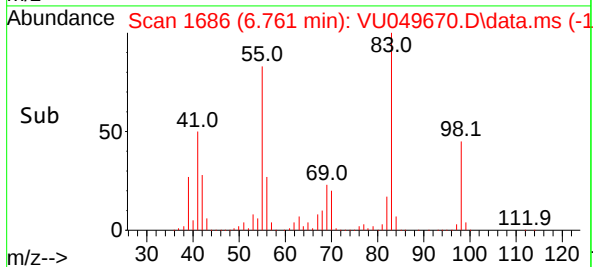
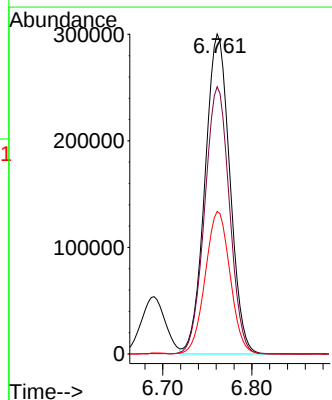
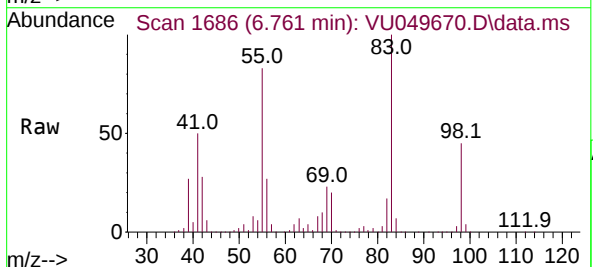
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

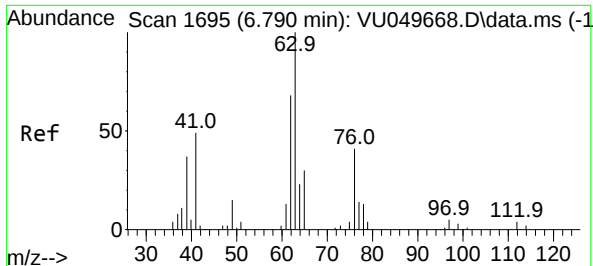
Tgt Ion: 95 Resp: 374798
Ion Ratio Lower Upper
95 100
97 65.6 46.9 87.1
132 89.2 62.7 116.5
130 92.7 66.4 123.4



#35
Methylcyclohexane
Concen: 213.629 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion: 83 Resp: 581898
Ion Ratio Lower Upper
83 100
55 83.3 66.0 99.0
98 44.6 34.6 51.8





#37

1,2-Dichloropropane

Concen: 202.917 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

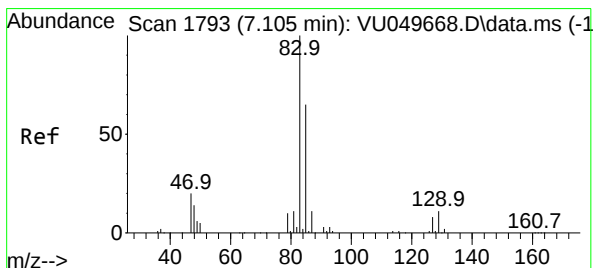
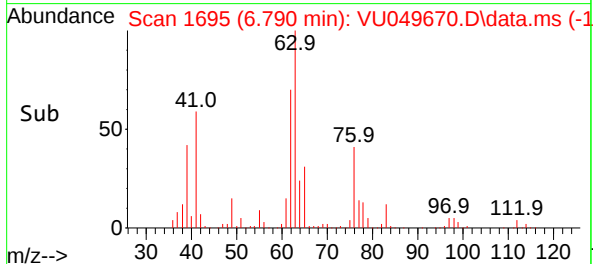
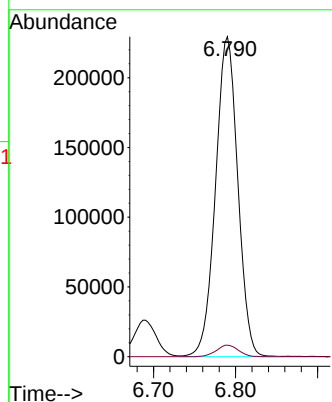
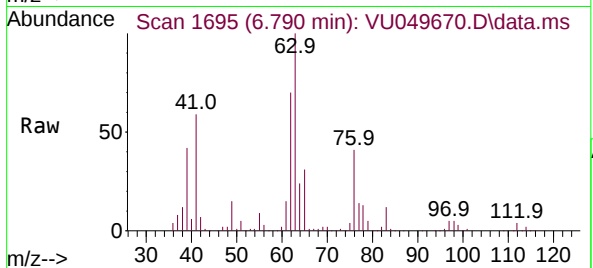
VSTD200005

Tgt Ion: 63 Resp: 433060

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 197.263 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

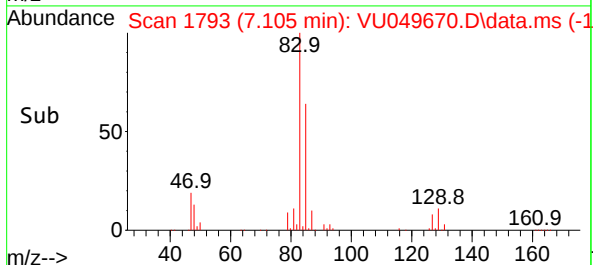
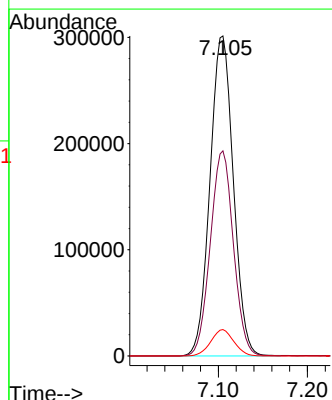
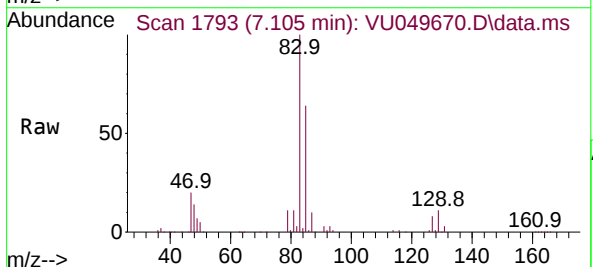
Tgt Ion: 83 Resp: 548070

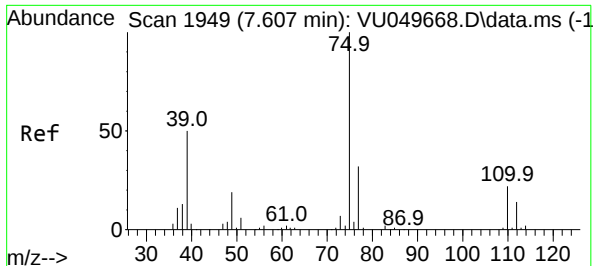
Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 211.886 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

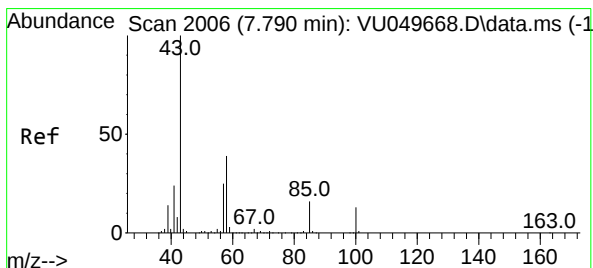
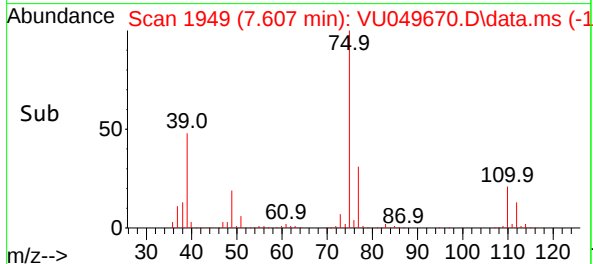
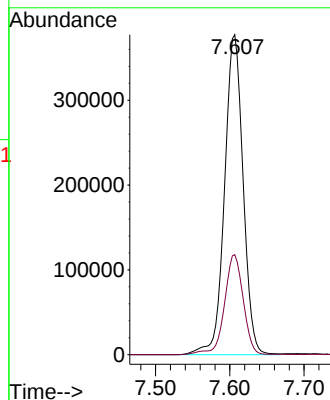
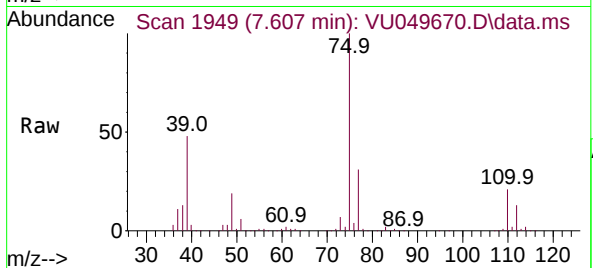
VSTD200005

Tgt Ion: 75 Resp: 656513

Ion Ratio Lower Upper

75 100

77 31.2 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 431.599 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

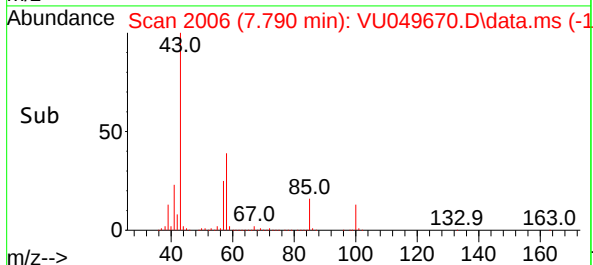
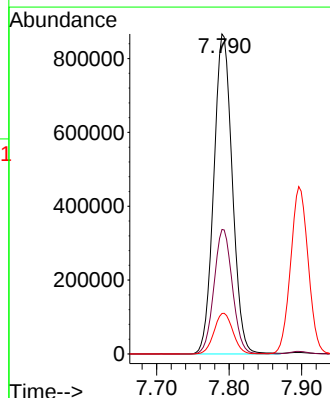
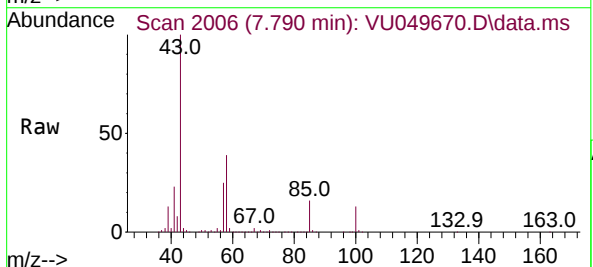
Tgt Ion: 43 Resp: 1535988

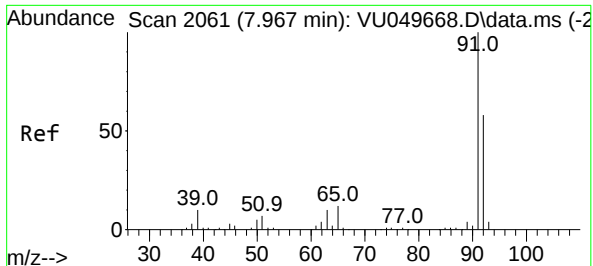
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.0

100 13.0 10.3 15.5





#42

Toluene

Concen: 202.581 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

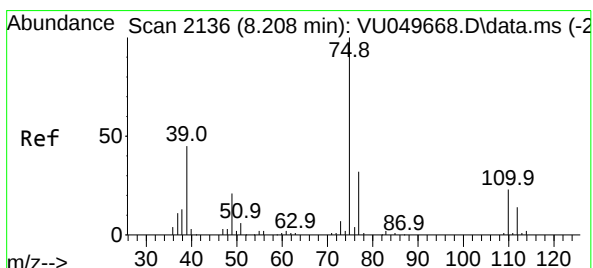
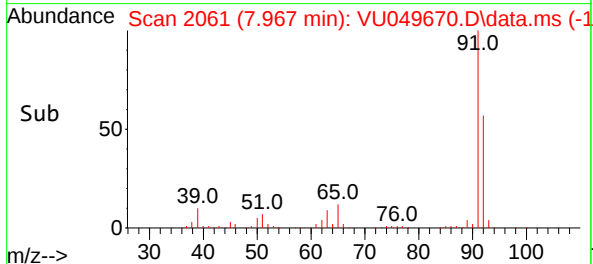
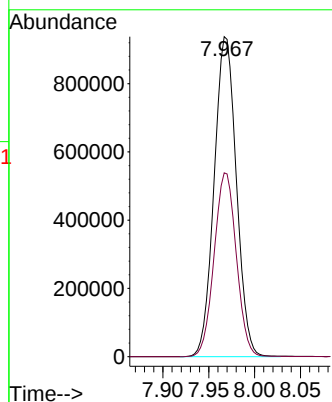
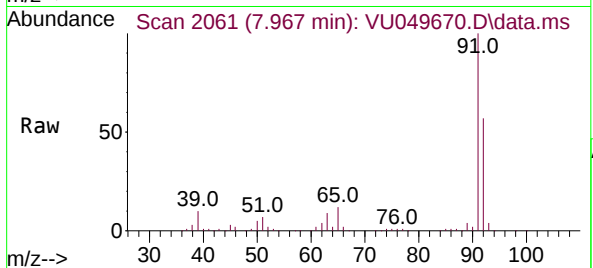
VSTD200005

Tgt Ion: 91 Resp: 1580984

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 203.909 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU049670.D

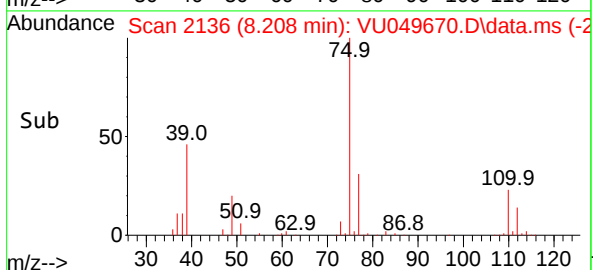
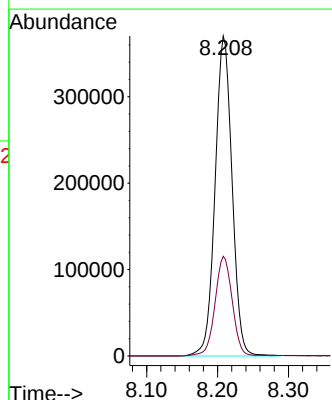
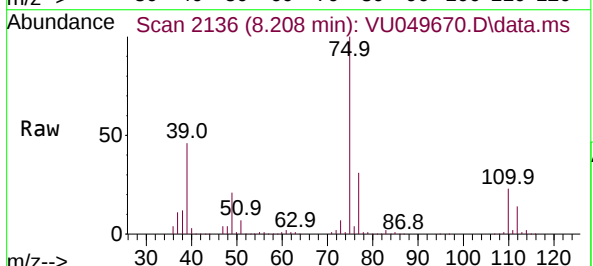
Acq: 11 Jul 2022 11:58

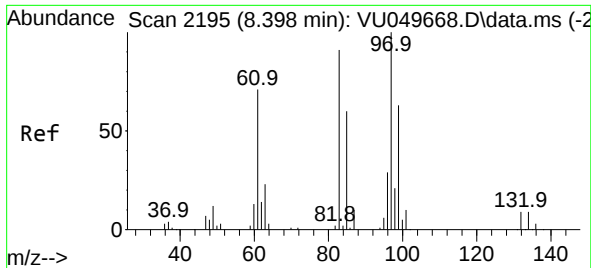
Tgt Ion: 75 Resp: 615731

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9

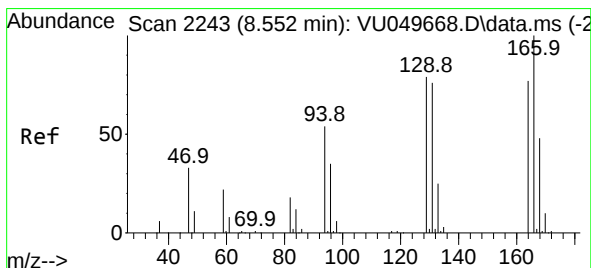
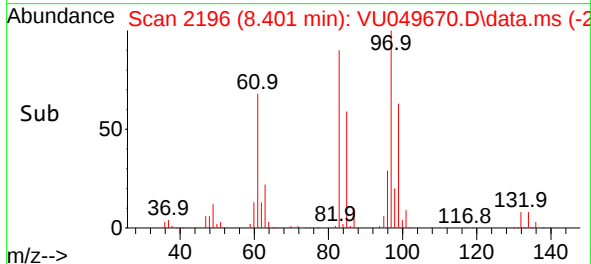
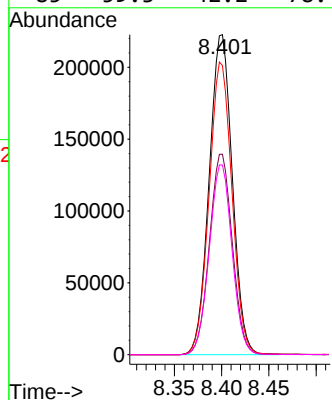
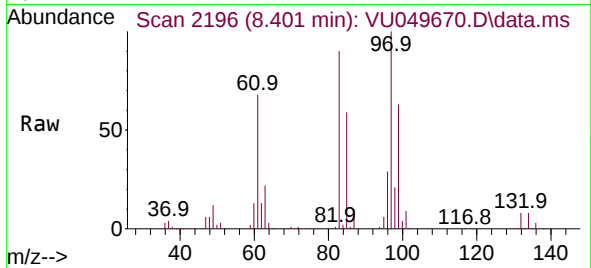




#45
1,1,2-Trichloroethane
Concen: 187.801 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

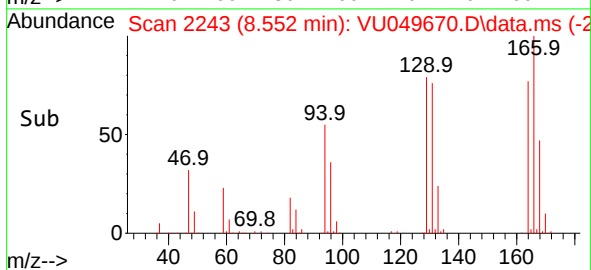
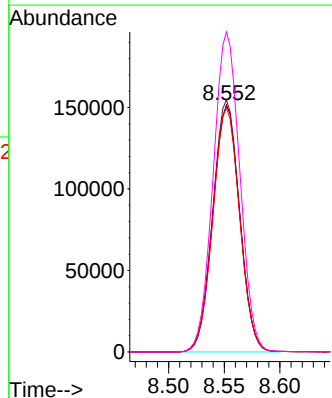
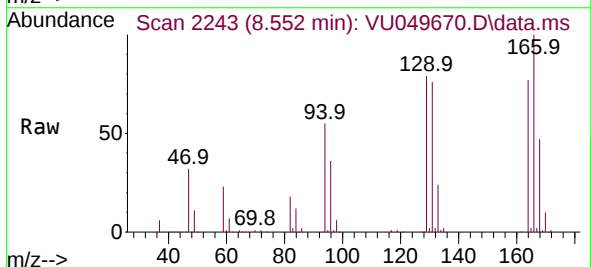
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

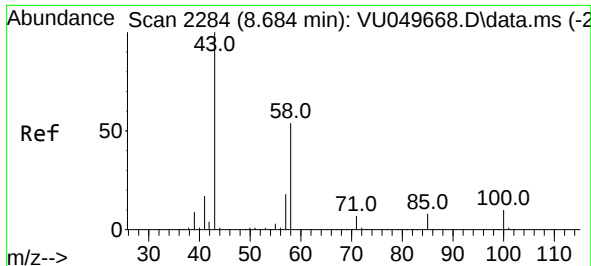
Tgt Ion: 97	Resp: 379422
Ion Ratio	Lower Upper
97 100	
99 62.6	44.3 82.3
83 90.4	64.0 118.8
85 59.3	42.2 78.4



#46
Tetrachloroethene
Concen: 175.589 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt	Ion:164	Resp:	254393
Ion	Ratio	Lower	Upper
164	100		
129	102.0	72.0	133.8
131	98.8	69.0	128.1
166	129.6	91.1	169.3



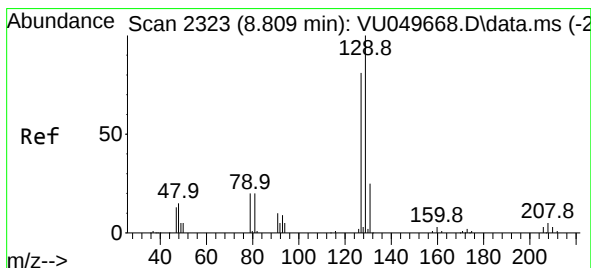
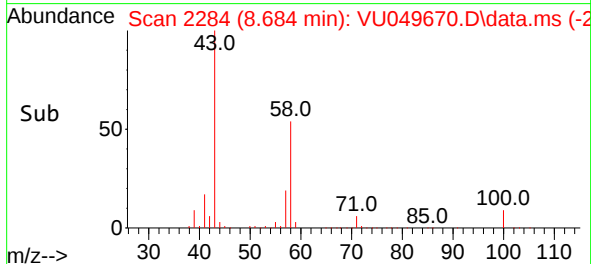
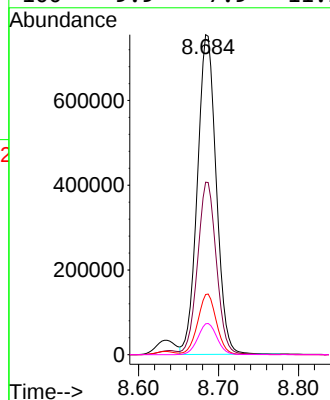
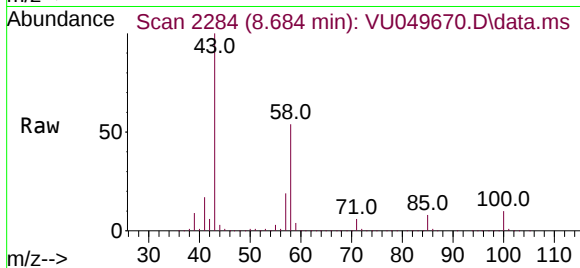


#48
2-Hexanone
Concen: 427.908 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

Tgt Ion: 43 Resp: 1237388

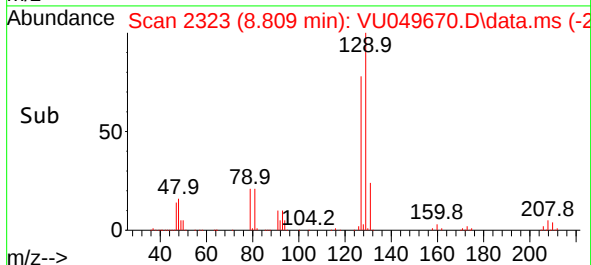
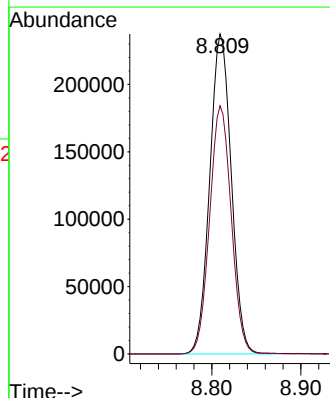
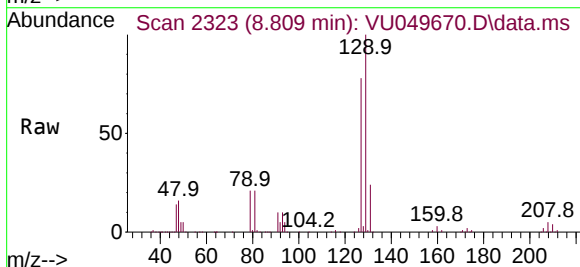
Ion	Ratio	Lower	Upper
43	100		
58	54.1	42.6	64.0
57	18.9	15.0	22.6
100	9.9	7.9	11.9

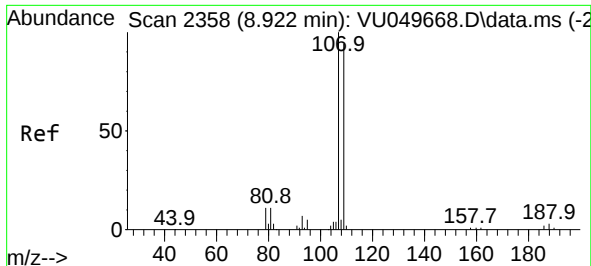


#49
Dibromochloromethane
Concen: 180.920 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion: 129 Resp: 399009

Ion	Ratio	Lower	Upper
129	100		
127	77.5	56.9	105.7

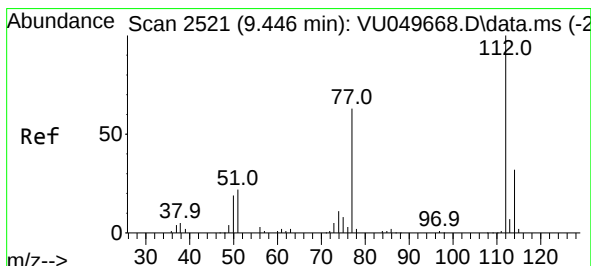
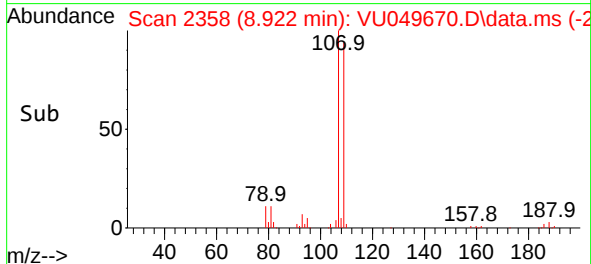
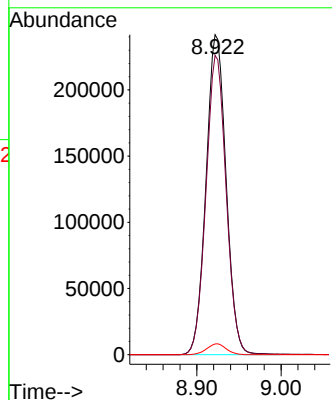
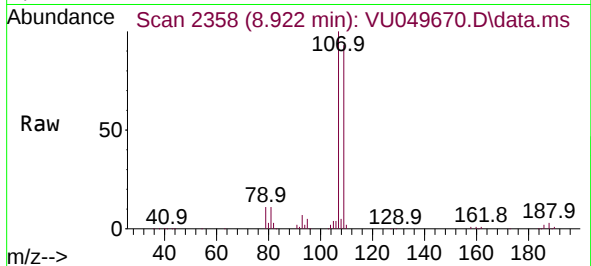




#50
1,2-Dibromoethane
Concen: 190.746 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

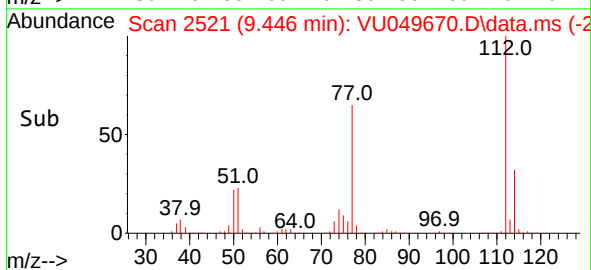
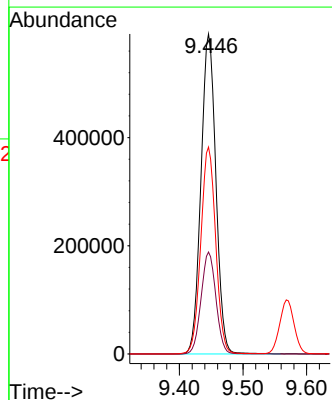
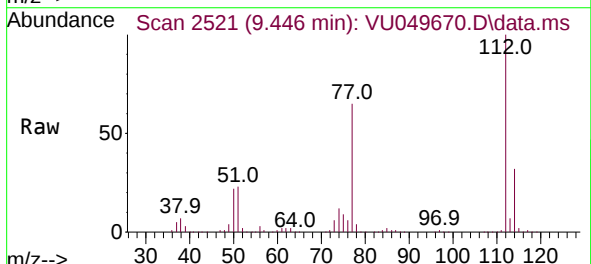
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

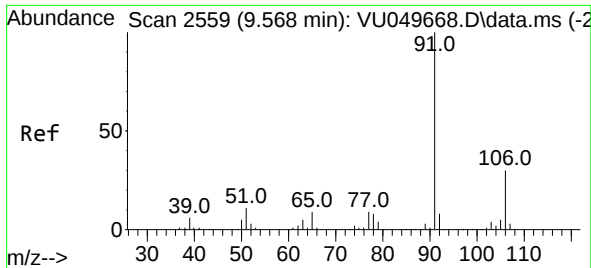
Tgt Ion:107 Resp: 400563
Ion Ratio Lower Upper
107 100
109 93.5 65.7 121.9
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 187.551 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion:112 Resp: 962607
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 64.7 51.2 76.8

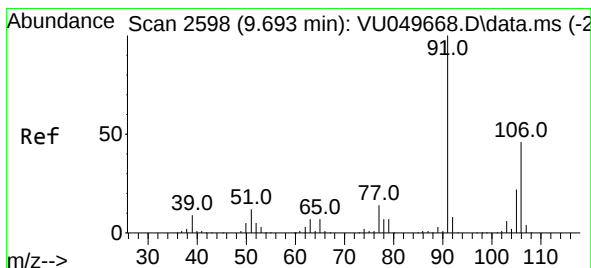
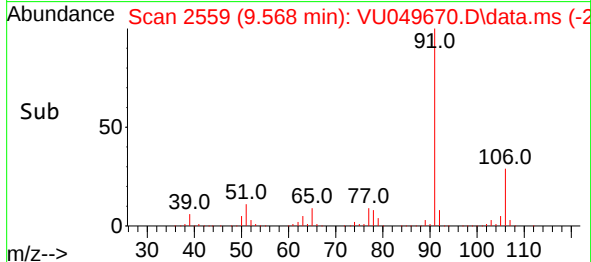
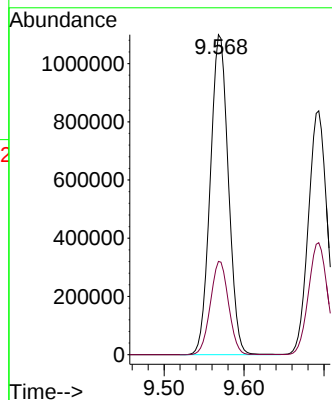
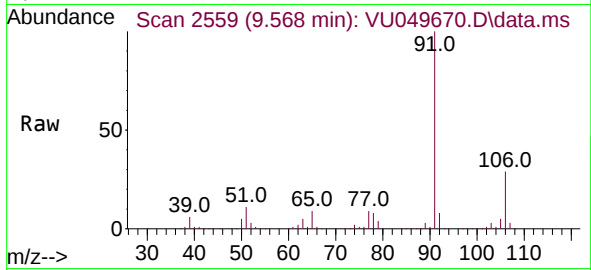




#52
Ethylbenzene
Concen: 205.379 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

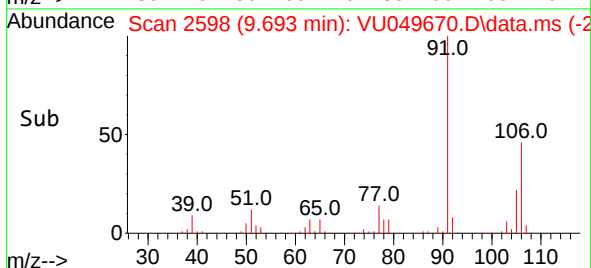
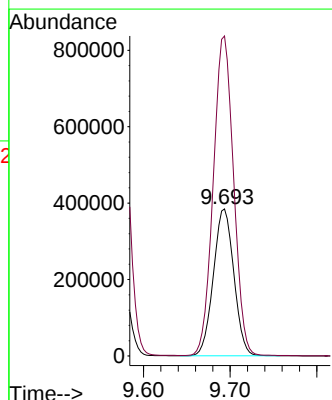
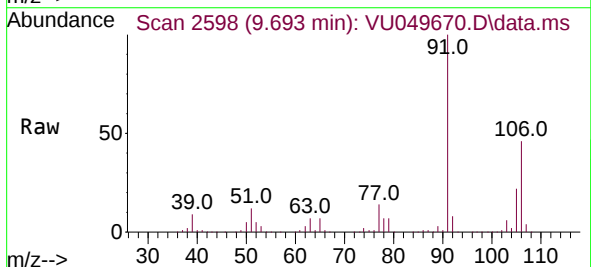
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

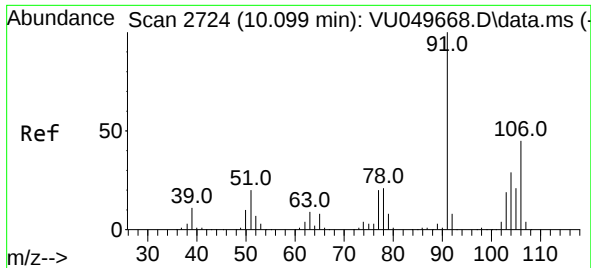
Tgt Ion: 91 Resp: 1727862
Ion Ratio Lower Upper
91 100
106 29.2 21.0 39.0



#53
m,p-Xylene
Concen: 195.668 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion:106 Resp: 632394
Ion Ratio Lower Upper
106 100
91 217.6 151.7 281.7

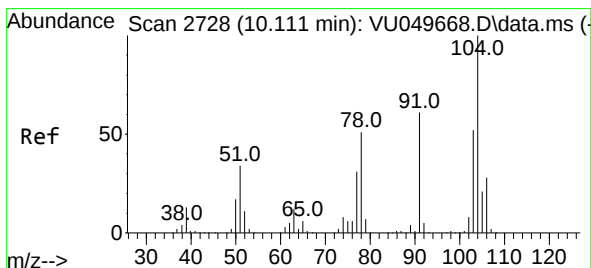
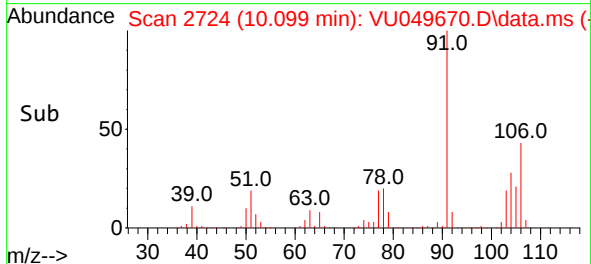
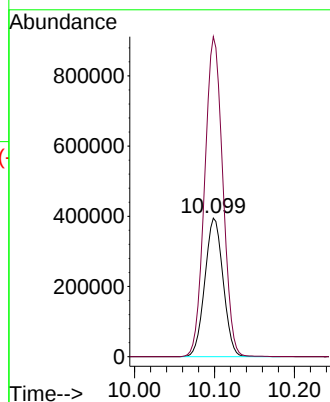
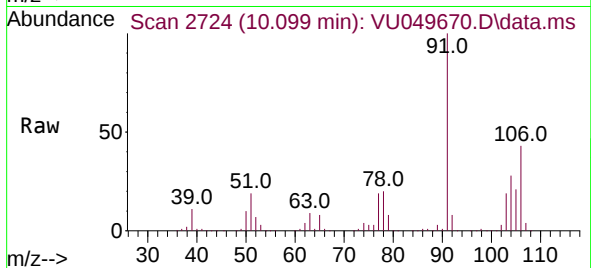




#54
o-Xylene
Concen: 191.976 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

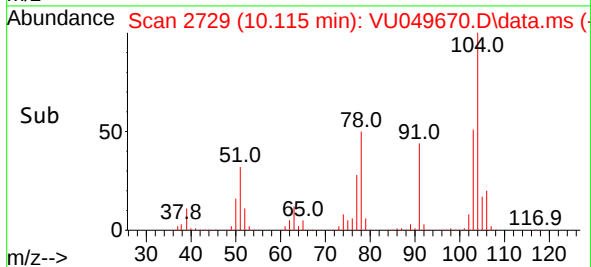
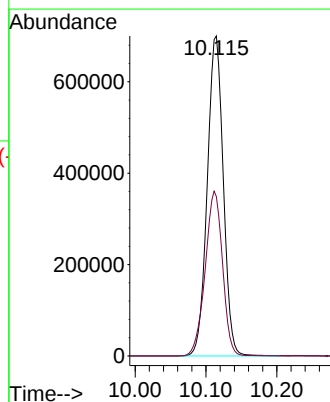
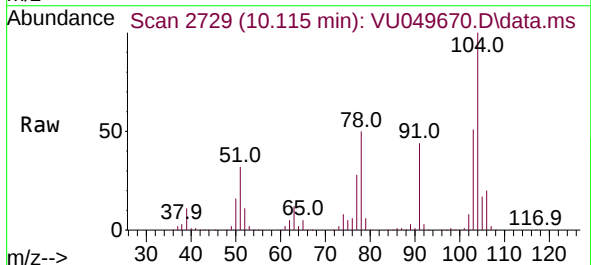
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

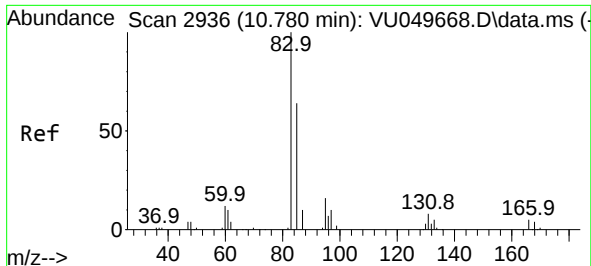
Tgt Ion:106 Resp: 628770
Ion Ratio Lower Upper
106 100
91 230.9 156.9 291.5



#55
Styrene
Concen: 201.630 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion:104 Resp: 1100643
Ion Ratio Lower Upper
104 100
78 49.8 36.1 67.1

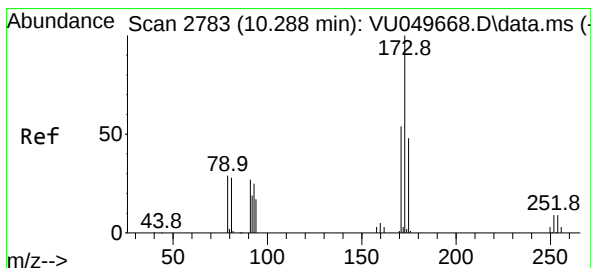
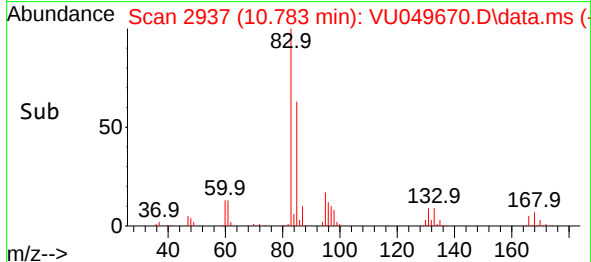
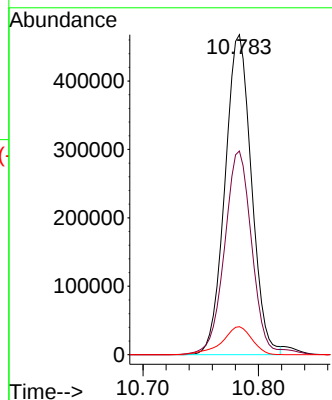
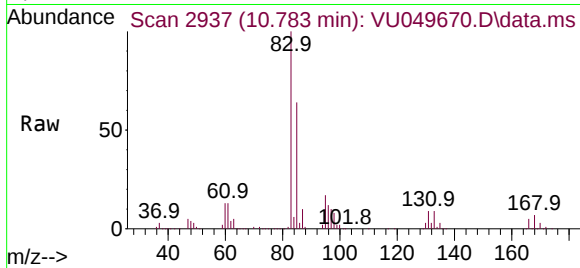




#57
1,1,2,2-Tetrachloroethane
Concen: 197.360 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

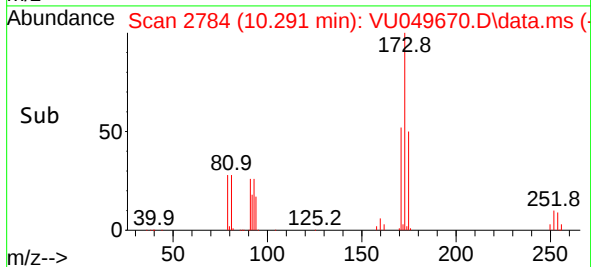
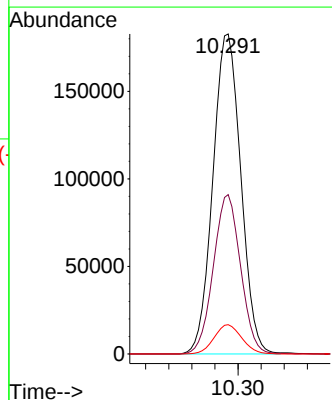
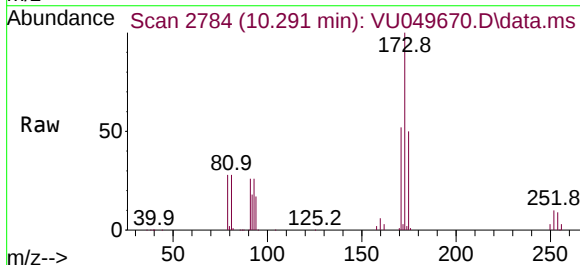
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

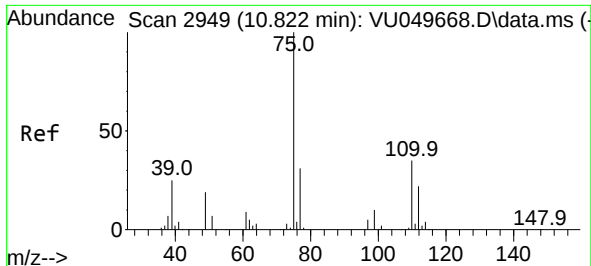
Tgt Ion: 83 Resp: 743994
Ion Ratio Lower Upper
83 100
85 63.7 45.0 83.6
131 8.7 7.0 10.6



#59
Bromoform
Concen: 169.353 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion:173 Resp: 306878
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 9.1 7.4 11.0

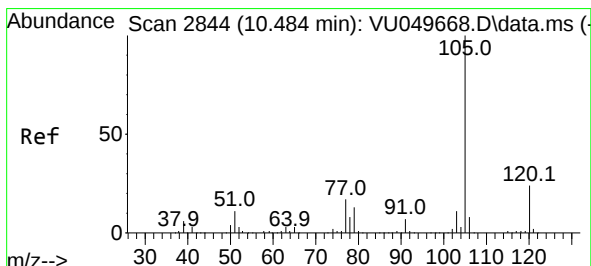
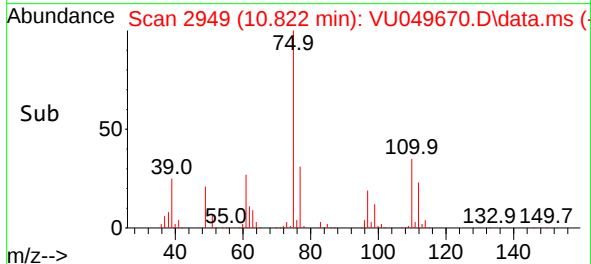
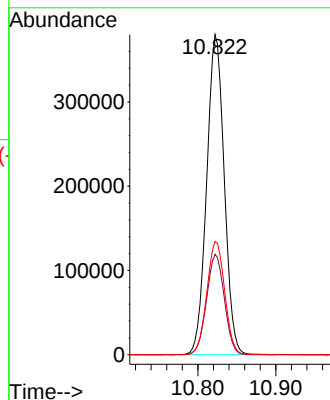
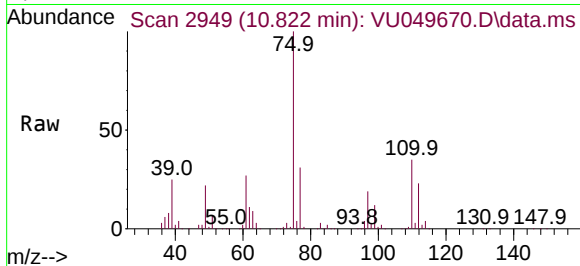




#60
1,2,3-Trichloropropane
Concen: 184.415 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

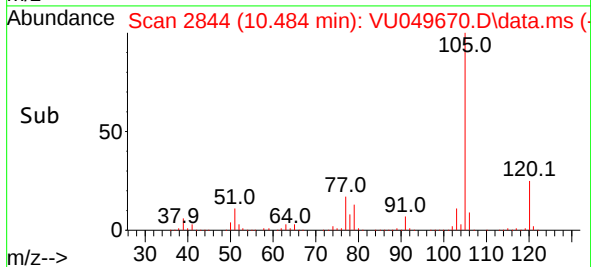
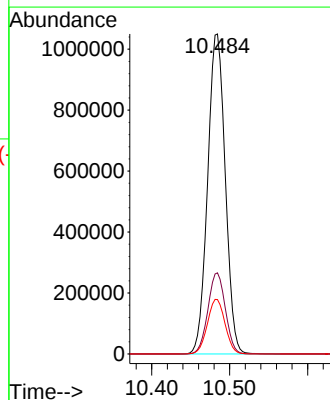
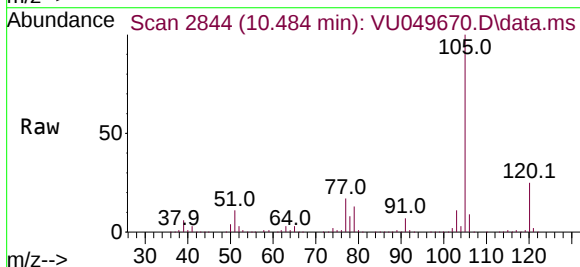
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

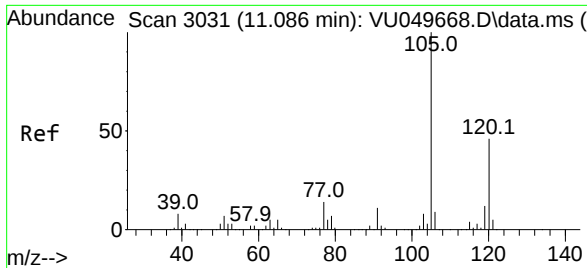
Tgt Ion:	75	Resp:	595033
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
110	36.0	28.9	43.3



#61
Isopropylbenzene
Concen: 190.104 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion:	105	Resp:	1646367
Ion	Ratio	Lower	Upper
105	100		
120	25.2	19.9	29.9
77	17.1	13.8	20.8

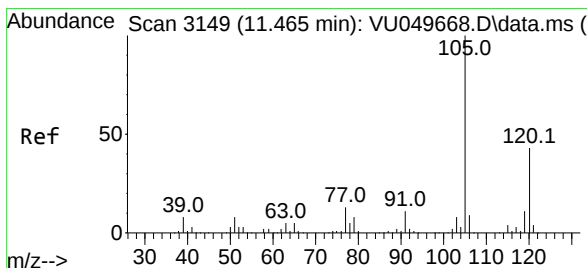
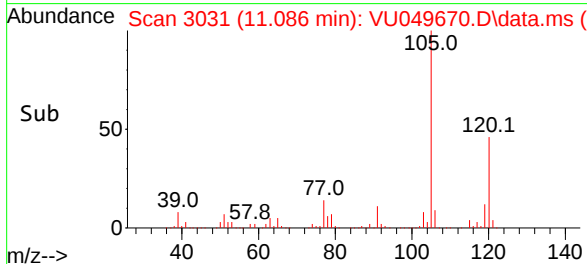
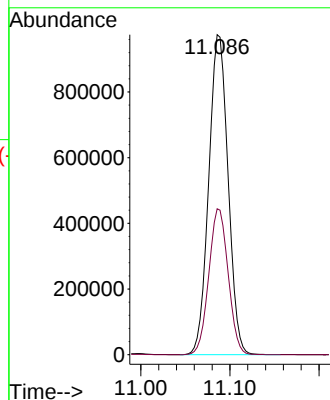
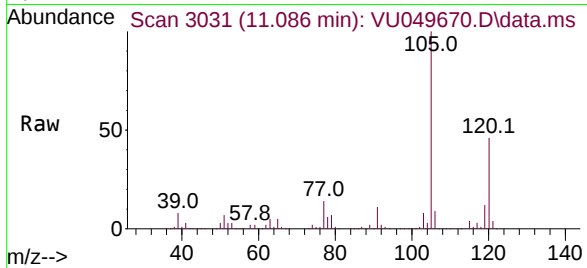




#62
 1,3,5-Trimethylbenzene
 Concen: 198.235 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU049670.D
 Acq: 11 Jul 2022 11:58

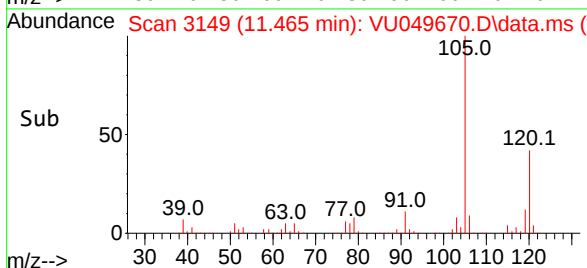
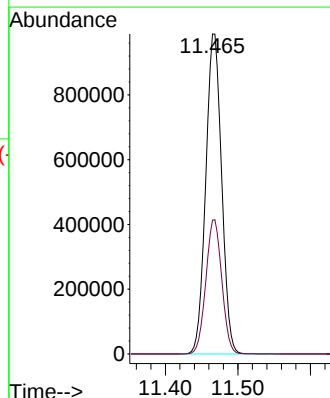
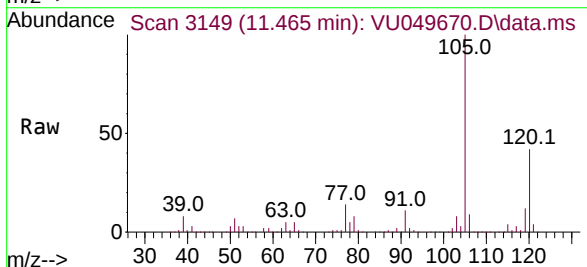
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200005

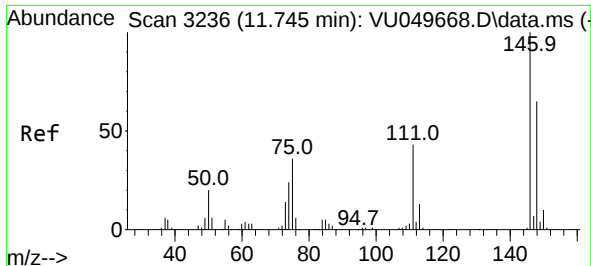
Tgt Ion:105 Resp: 1465103
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.8 55.2



#63
 1,2,4-Trimethylbenzene
 Concen: 240.527 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU049670.D
 Acq: 11 Jul 2022 11:58

Tgt Ion:105 Resp: 1500769
 Ion Ratio Lower Upper
 105 100
 120 42.1 33.9 50.9

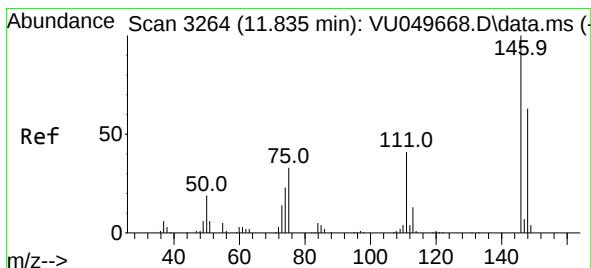
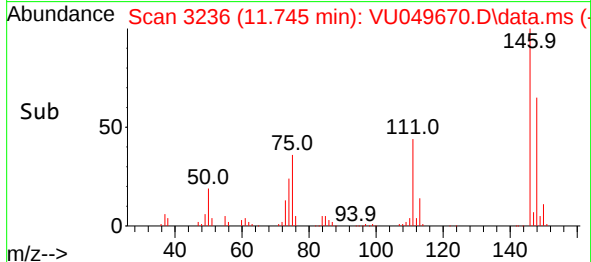
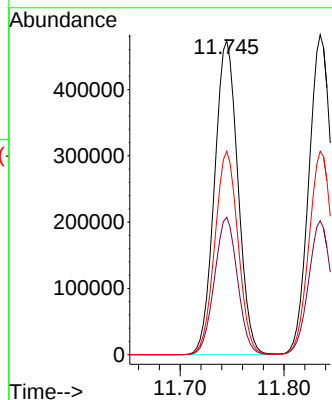
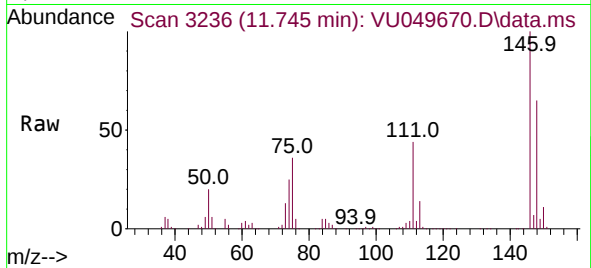




#64
1,3-Dichlorobenzene
Concen: 176.703 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

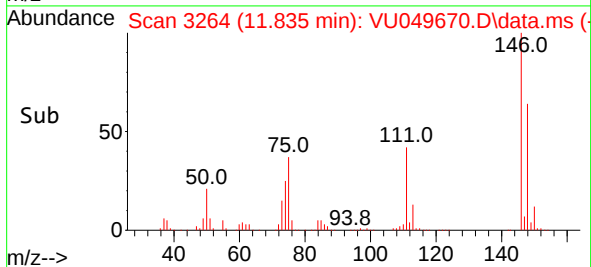
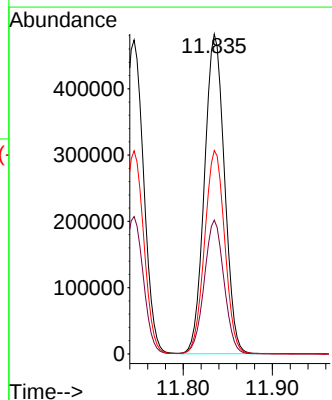
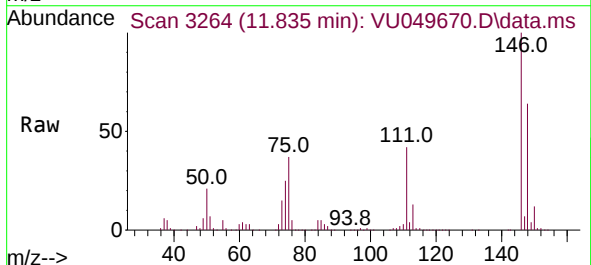
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

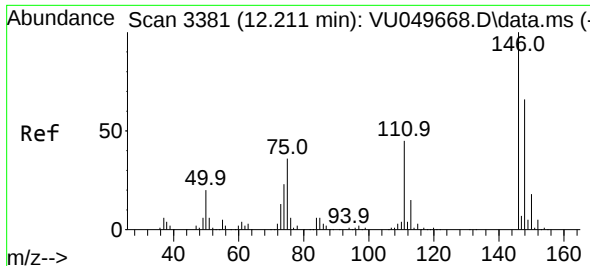
Tgt Ion:146 Resp: 741679
Ion Ratio Lower Upper
146 100
111 43.8 30.0 55.6
148 64.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 177.556 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion:146 Resp: 751777
Ion Ratio Lower Upper
146 100
111 41.8 29.1 54.1
148 63.6 44.4 82.4

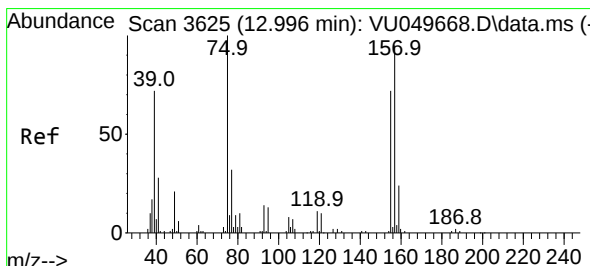
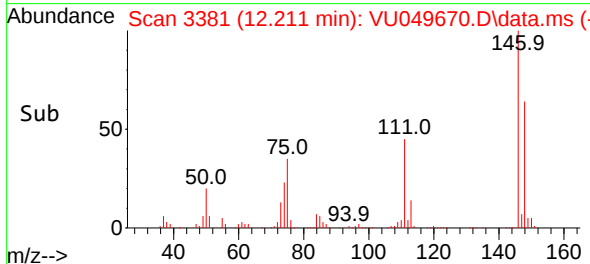
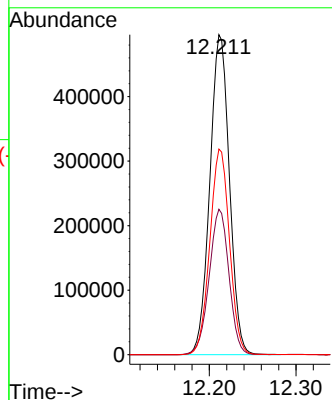
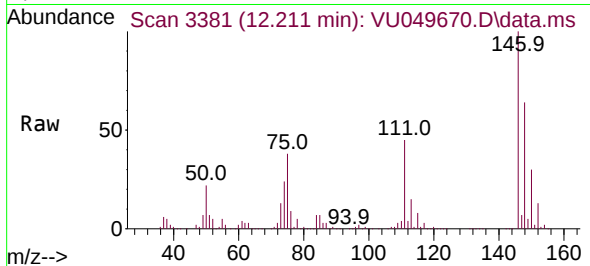




#67
1,2-Dichlorobenzene
Concen: 180.372 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

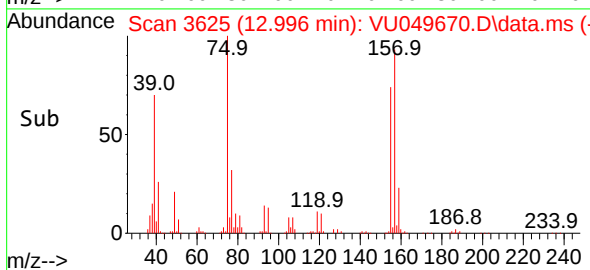
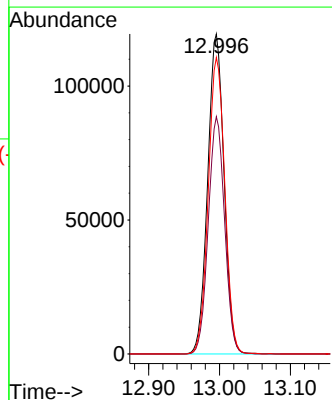
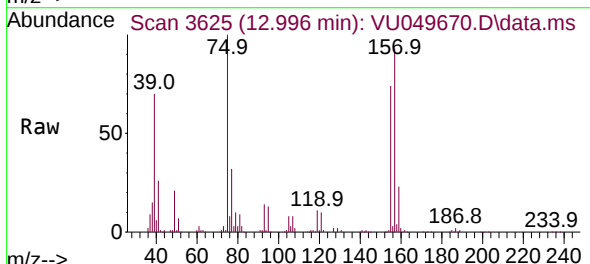
Instrument :
MSVOA_U
ClientSampleId :
VSTD200005

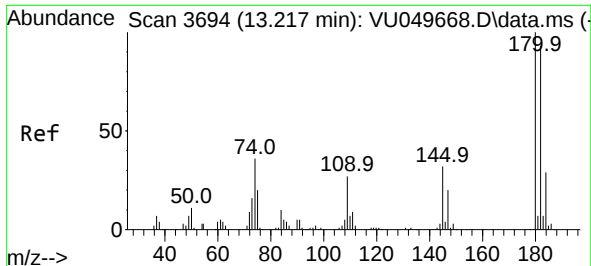
Tgt Ion:146 Resp: 779156
Ion Ratio Lower Upper
146 100
111 45.4 35.8 53.8
148 64.3 52.7 79.1



#68
1,2-Dibromo-3-chloropropane
Concen: 184.435 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU049670.D
Acq: 11 Jul 2022 11:58

Tgt Ion: 75 Resp: 191943
Ion Ratio Lower Upper
75 100
155 74.2 57.7 86.5
157 92.7 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 183.515 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD200005

Tgt Ion:180 Resp: 548317

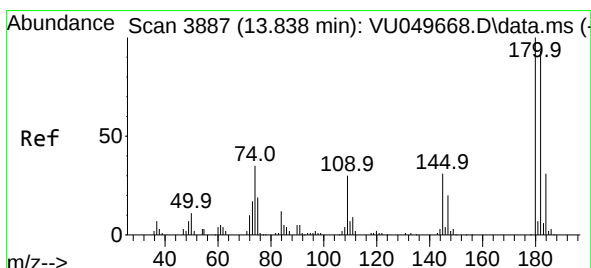
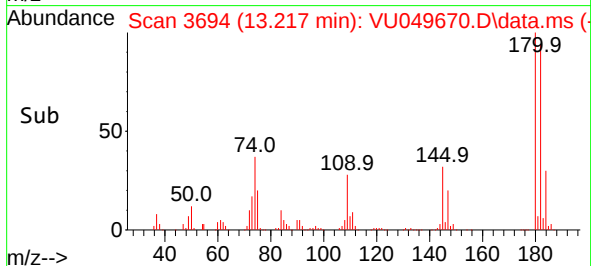
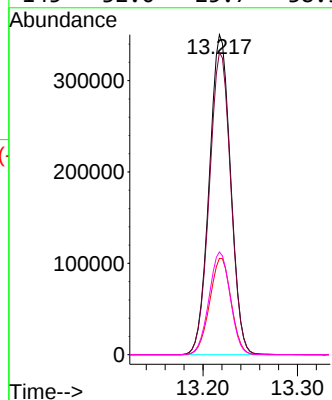
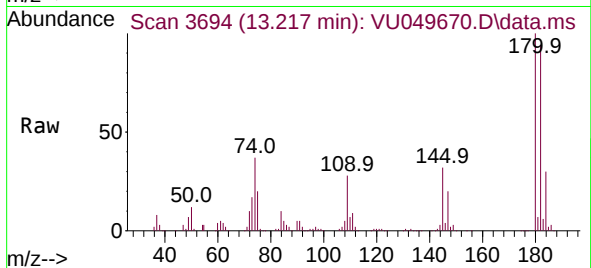
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 30.3 24.0 36.0

145 32.0 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 205.107 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

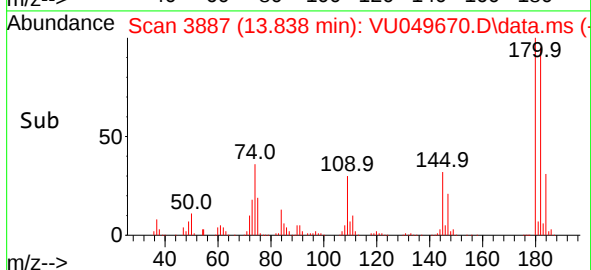
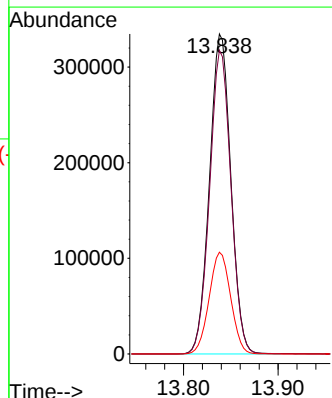
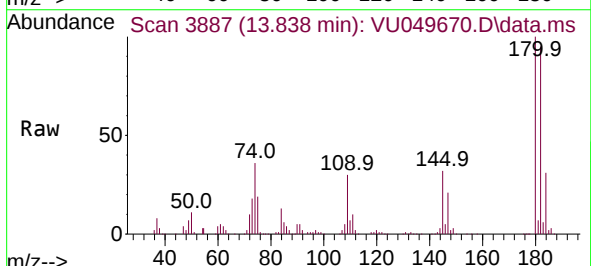
Tgt Ion:180 Resp: 524722

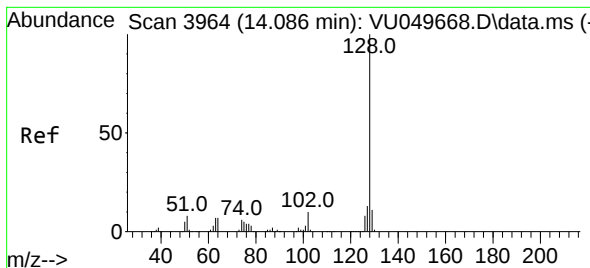
Ion Ratio Lower Upper

180 100

182 94.7 74.8 112.2

145 32.1 24.7 37.1





#71

Naphthalene

Concen: 215.836 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD200005

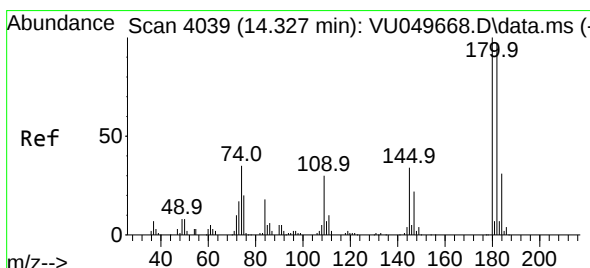
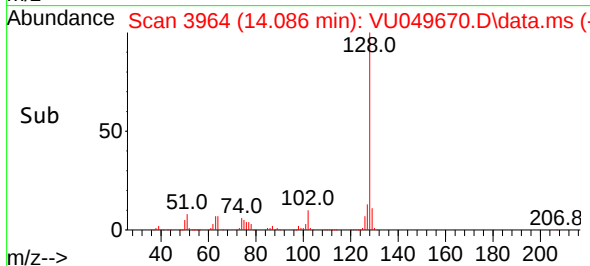
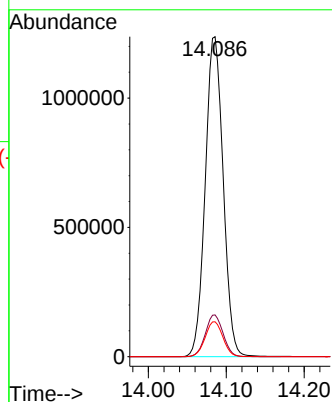
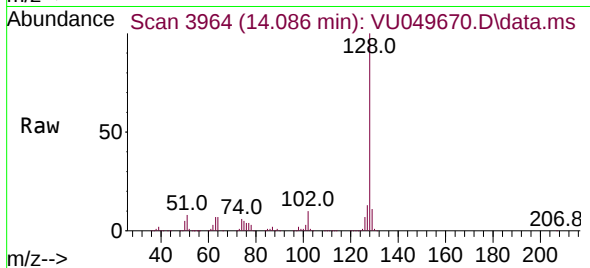
Tgt Ion:128 Resp: 1977075

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 195.926 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU049670.D

Acq: 11 Jul 2022 11:58

Tgt Ion:180 Resp: 529352

Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

145 33.9 27.1 40.7

