

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090822\
 Data File : VU050683.D
 Acq On : 08 Sep 2022 13:49
 Operator : SY/MD
 Sample : N4475-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 22:55:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	294825	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	295243	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	139882	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85159	33.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.540%
7) Chloroethane-d5	1.899	69	62439	36.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.240%
11) 1,1-Dichloroethene-d2	2.565	63	170960	38.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.720%
21) 2-Butanone-d5	4.620	46	172513	93.507	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.510%
24) Chloroform-d	5.063	84	219136	45.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.700%
26) 1,2-Dichloroethane-d4	5.700	65	143856	49.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.520%
32) Benzene-d6	5.726	84	417995	42.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.680%
36) 1,2-Dichloropropane-d6	6.690	67	138535	43.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.500%
41) Toluene-d8	7.896	98	369752	44.316	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	8.179	79	61118	46.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.632	63	78662	97.624	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	234876	48.452	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	143661	43.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	105458	37.240	ug/L	99
3) Chloromethane	1.520	50	126351	41.294	ug/L	100
5) Vinyl chloride	1.604	62	105965	36.757	ug/L	97
6) Bromomethane	1.835	94	59456	40.895	ug/L	97
8) Chloroethane	1.922	64	58587	38.263	ug/L	97
9) Trichlorofluoromethane	2.131	101	140484	39.998	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	82320	35.729	ug/L	97
12) 1,1-Dichloroethene	2.575	96	92162	41.168	ug/L	98
13) Acetone	2.623	43	129528	93.071	ug/L	99
14) Carbon disulfide	2.787	76	266353	40.122	ug/L	100
15) Methyl Acetate	2.944	43	95865	32.571	ug/L	93
16) Methylene chloride	3.041	84	130149	44.298	ug/L	95
17) trans-1,2-Dichloroethene	3.349	96	101758	42.864	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	366903	49.847	ug/L	98
19) 1,1-Dichloroethane	3.867	63	207027	45.201	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	127985	47.782	ug/L	95
22) 2-Butanone	4.700	43	206116	94.691	ug/L	93
23) Bromochloromethane	4.973	128	69968	50.552	ug/L	95
25) Chloroform	5.086	83	227361	48.725	ug/L	98

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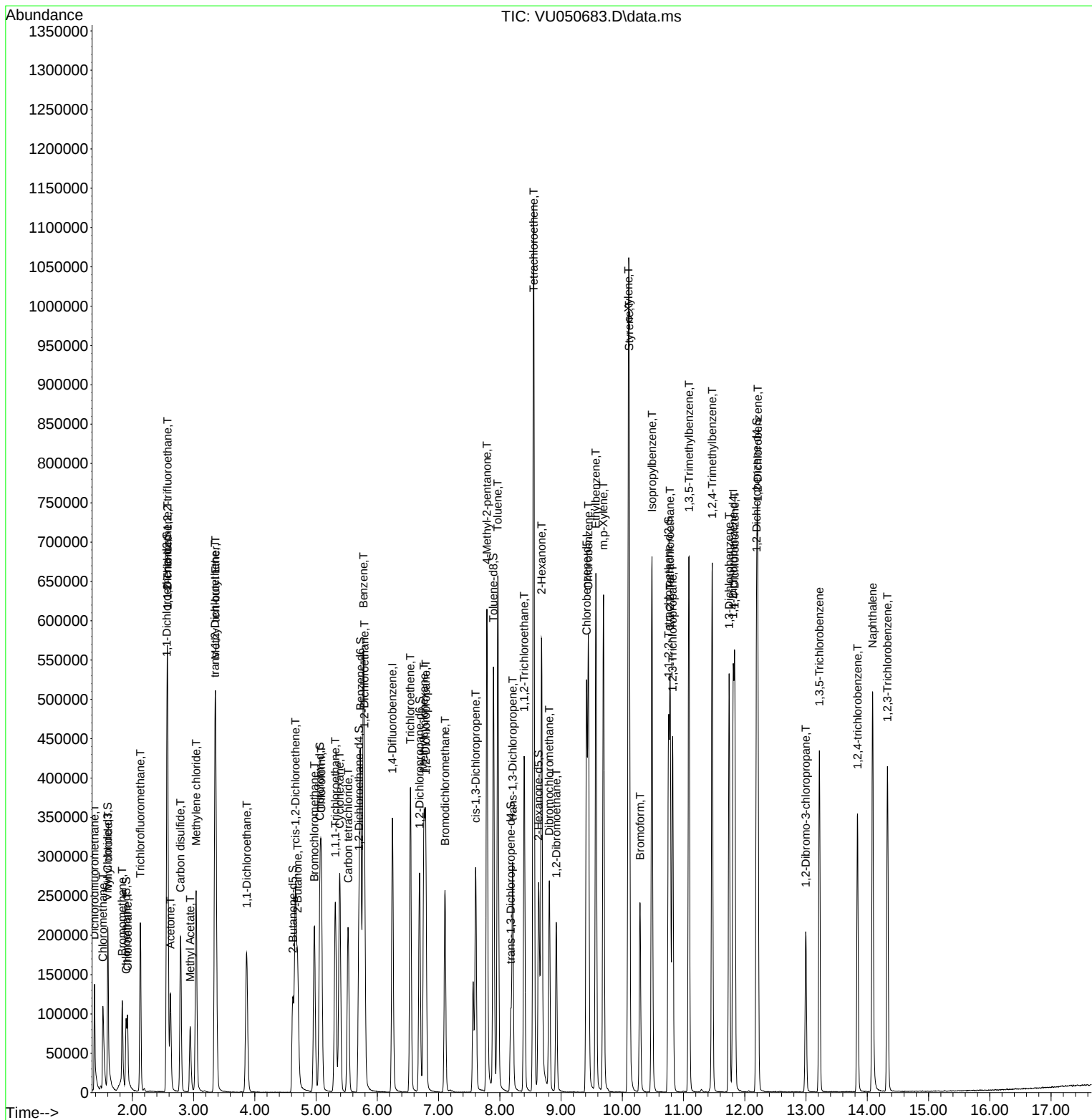
Instrument :
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 ClientSampleId :

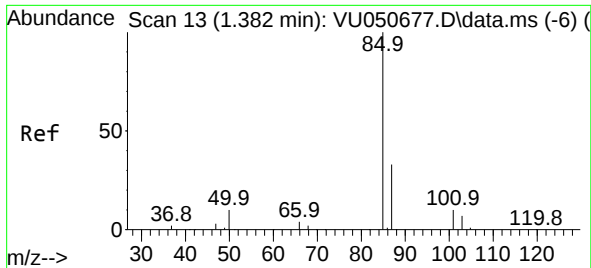
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	176233	50.956	ug/L	98
29) Cyclohexane	5.385	56	136482	34.517	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	180608	45.418	ug/L	97
31) Carbon tetrachloride	5.523	117	148286	45.514	ug/L	100
33) Benzene	5.774	78	491501	45.744	ug/L	100
34) Trichloroethene	6.539	95	136569	54.549	ug/L	98
35) Methylcyclohexane	6.761	83	130946	32.899	ug/L	97
37) 1,2-Dichloropropane	6.790	63	130682	46.045	ug/L	99
38) Bromodichloromethane	7.105	83	172531	51.678	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	167982	43.727	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	373392	96.543	ug/L	98
42) Toluene	7.967	91	502914	46.078	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	171910	47.695	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	137035	50.262	ug/L	99
46) Tetrachloroethene	8.552	164	255733	139.851	ug/L	99
48) 2-Hexanone	8.684	43	344405	95.417	ug/L	98
49) Dibromochloromethane	8.809	129	142785	54.908	ug/L	99
50) 1,2-Dibromoethane	8.922	107	144410	52.083	ug/L	97
51) Chlorobenzene	9.446	112	315589	46.590	ug/L	98
52) Ethylbenzene	9.568	91	478497	44.379	ug/L	99
53) m,p-Xylene	9.693	106	189667	45.915	ug/L	95
54) o-Xylene	10.098	106	194230	47.228	ug/L	99
55) Styrene	10.115	104	333465	49.280	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	253006	52.098	ug/L	100
59) Bromoform	10.291	173	109814	52.617	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	200559	48.866	ug/L	100
61) Isopropylbenzene	10.484	105	447352	40.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	383690	40.534	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	377389	41.517	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	216938	44.529	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	213813	44.400	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	239977	46.250	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	53218	49.101	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	137896	39.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	112994	37.637	ug/L	98
71) Naphthalene	14.089	128	444178	41.730	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	132795	40.846	ug/L	99

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

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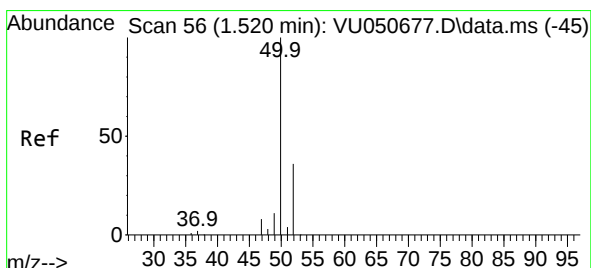
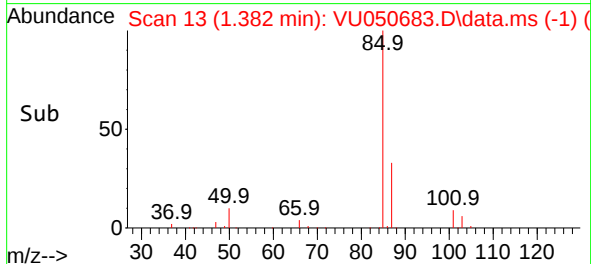
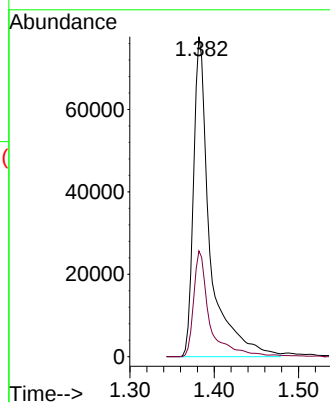
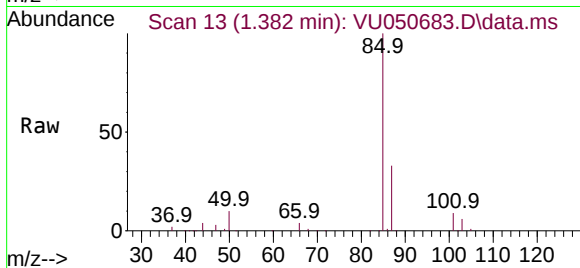




#2
Dichlorodifluoromethane
Concen: 37.240 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

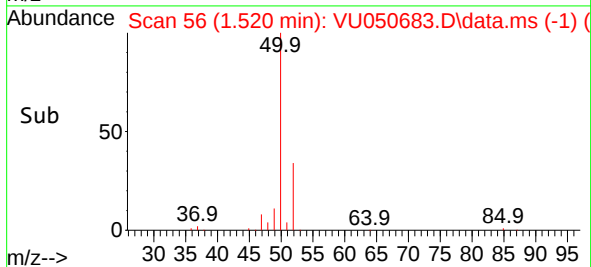
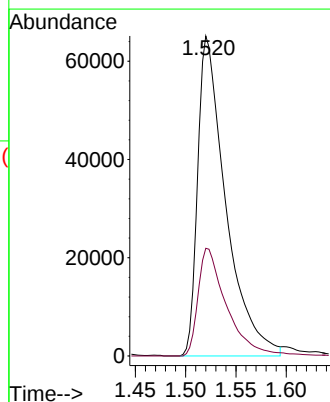
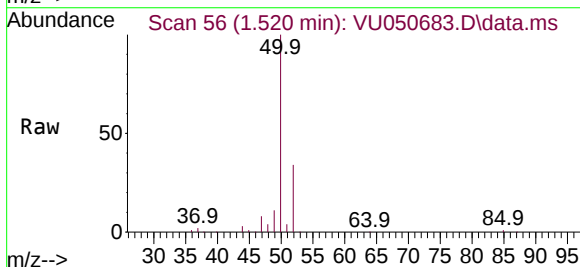
Instrument :
MSVOA_U
ClientSampleId :

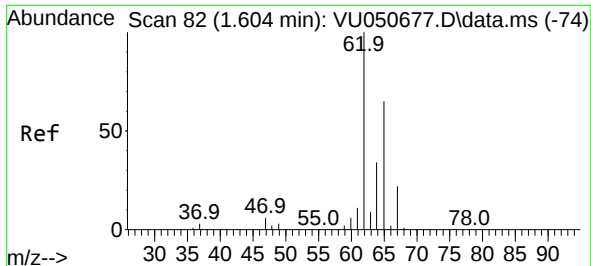
Tgt Ion: 85 Resp: 105458
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8



#3
Chloromethane
Concen: 41.294 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Tgt Ion: 50 Resp: 126351
Ion Ratio Lower Upper
50 100
52 33.6 23.7 43.9

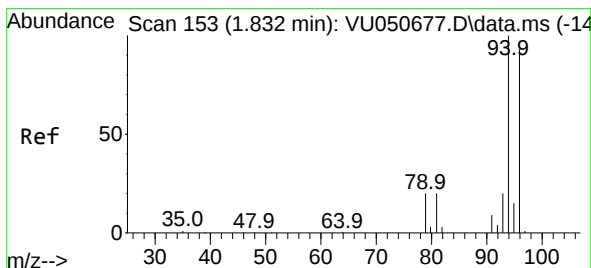
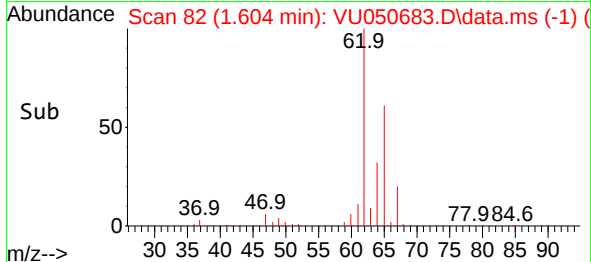
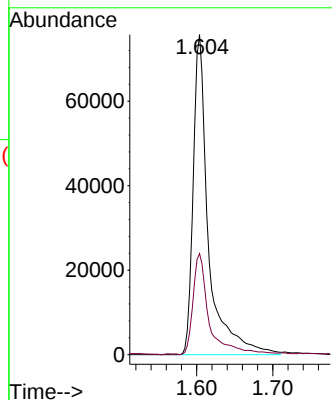
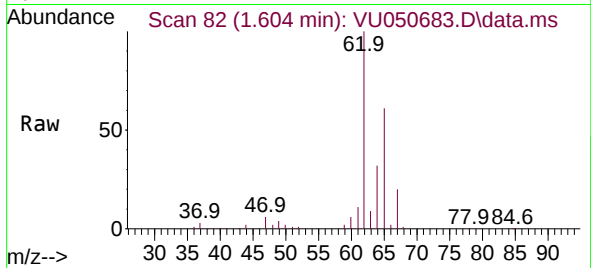




#5
 Vinyl chloride
 Concen: 36.757 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

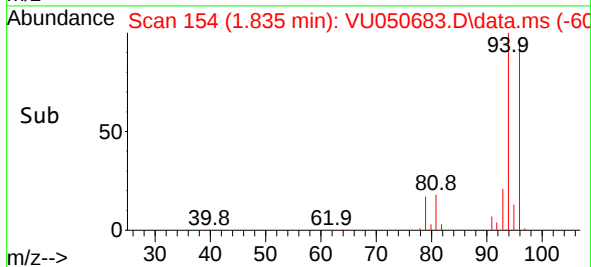
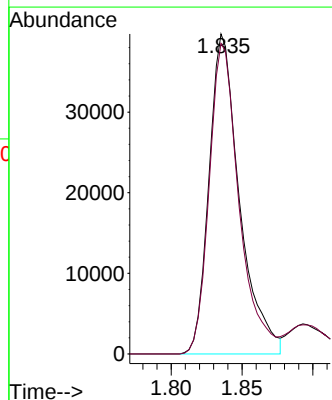
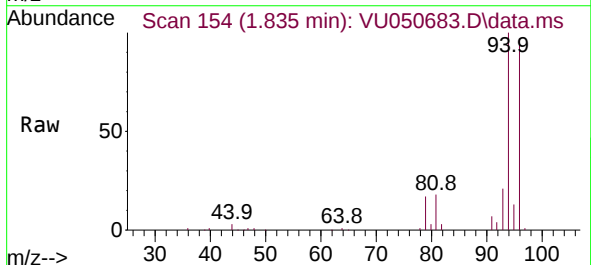
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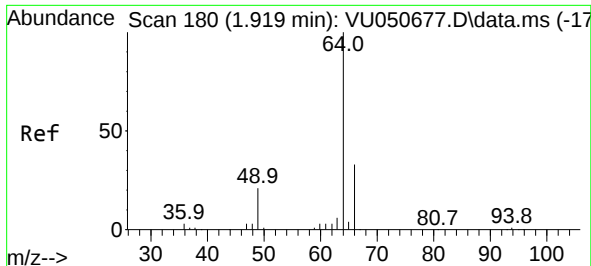
Tgt Ion: 62 Resp: 105965
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.5 43.7



#6
 Bromomethane
 Concen: 40.895 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

Tgt Ion: 94 Resp: 59456
 Ion Ratio Lower Upper
 94 100
 96 97.0 65.6 121.8

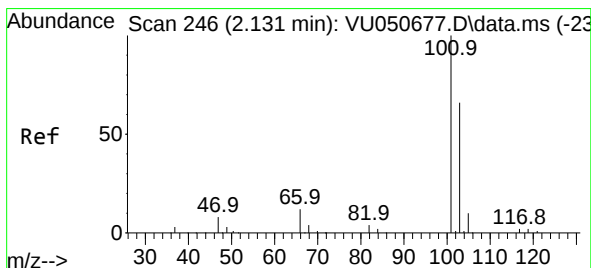
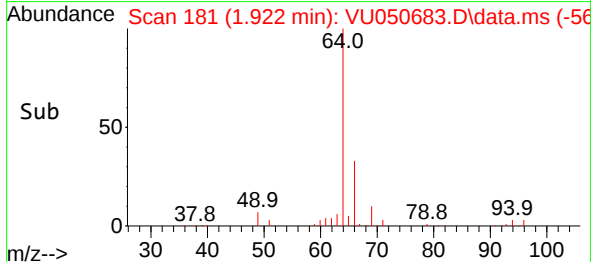
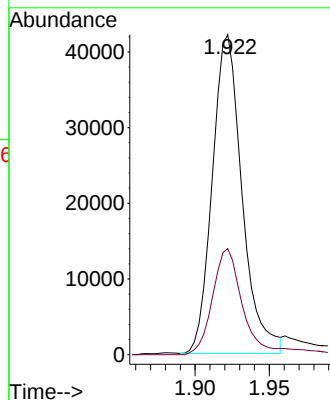
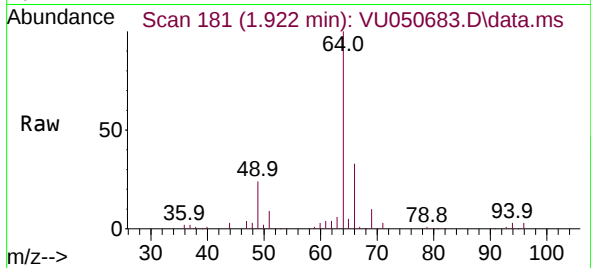




#8
Chloroethane
Concen: 38.263 ug/L
RT: 1.922 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

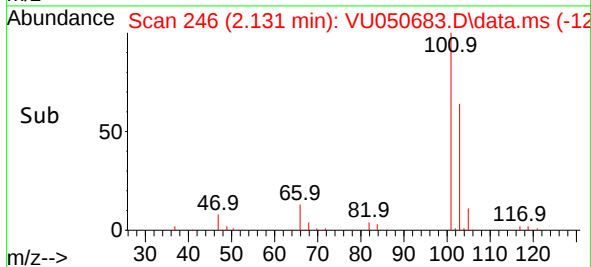
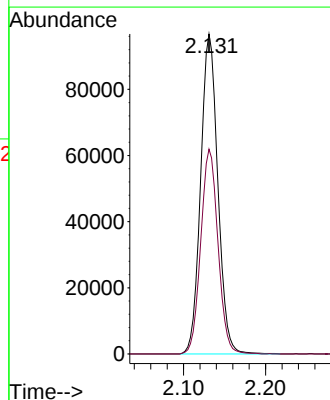
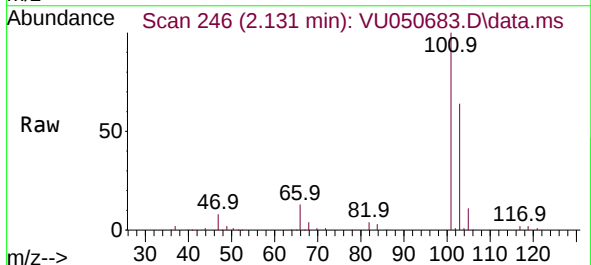
Instrument :
MSVOA_U
ClientSampleId :

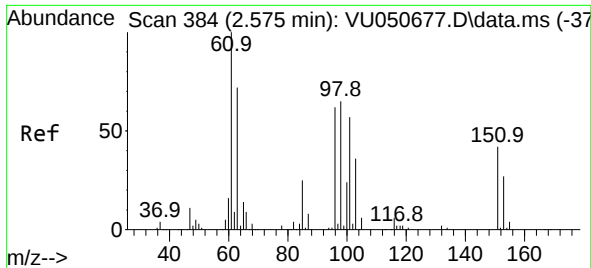
Tgt Ion: 64 Resp: 58587
Ion Ratio Lower Upper
64 100
66 33.1 21.9 40.7



#9
Trichlorofluoromethane
Concen: 39.998 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Tgt Ion:101 Resp: 140484
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0





#10

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

Concen: 35.729 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU050683.D

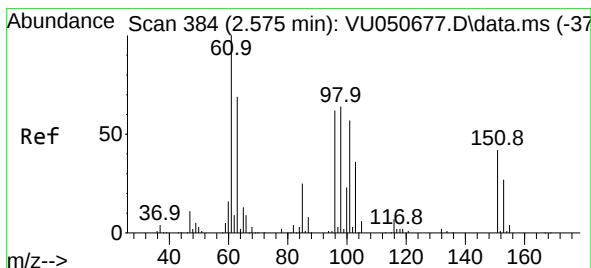
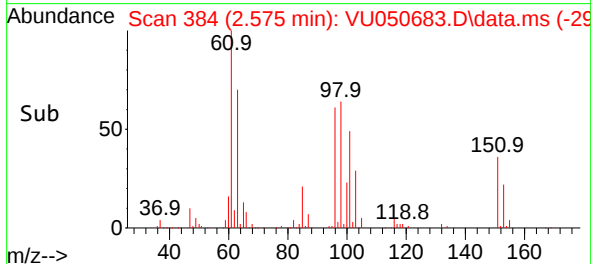
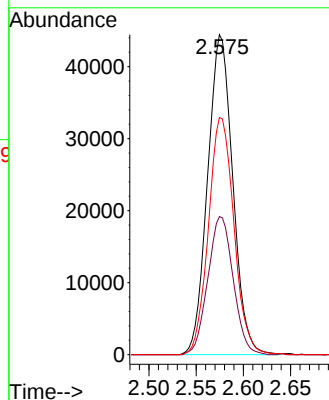
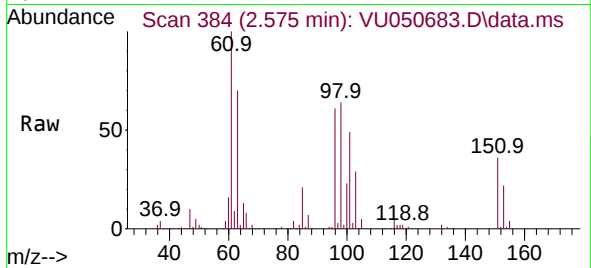
Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	82320
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.4	51.6
151	75.2	57.7	86.5



#12

1,1-Dichloroethene

Concen: 41.168 ug/L

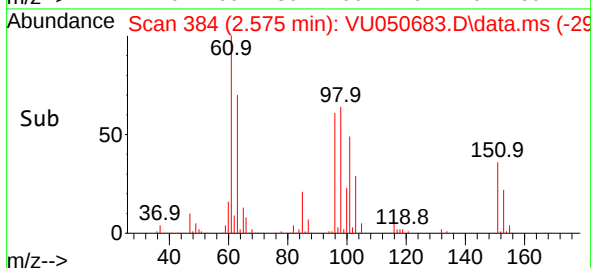
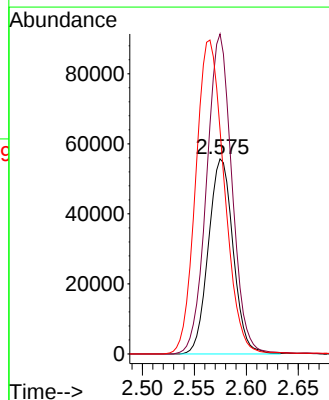
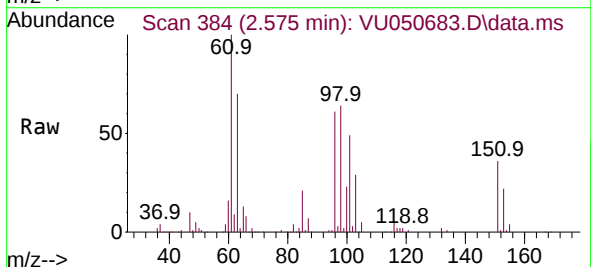
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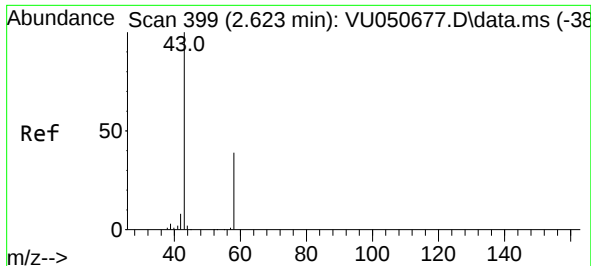
Delta R.T. -0.000 min

Lab File: VU050683.D

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Tgt Ion:	96	Resp:	92162
Ion Ratio	Lower	Upper	
96	100		
61	164.0	118.0	219.1
63	114.9	79.5	147.7





#13

Acetone

Concen: 93.071 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

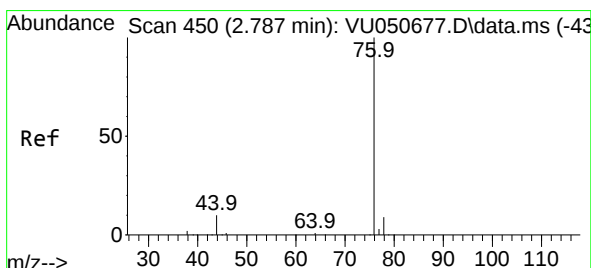
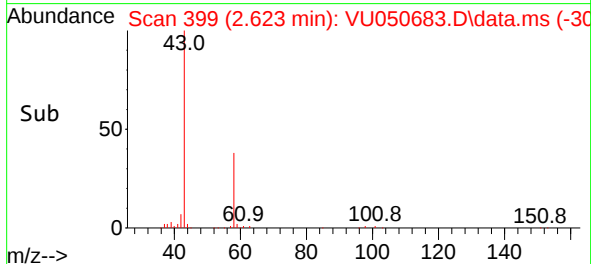
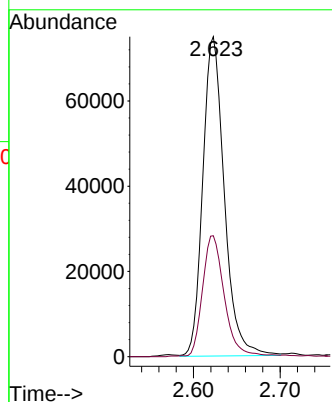
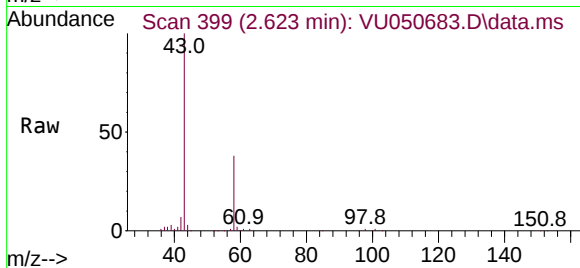
ClientSampleId :

Tgt Ion: 43 Resp: 129528

Ion Ratio Lower Upper

43 100

58 37.3 0.0 76.2



#14

Carbon disulfide

Concen: 40.122 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU050683.D

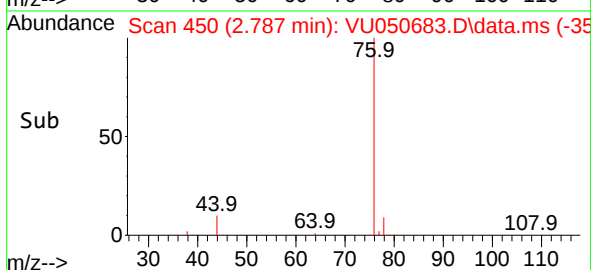
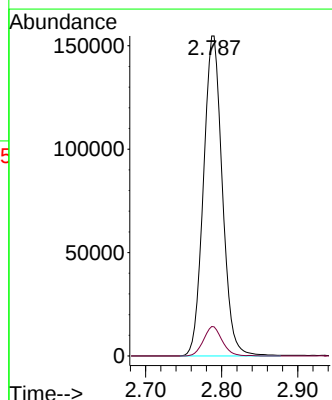
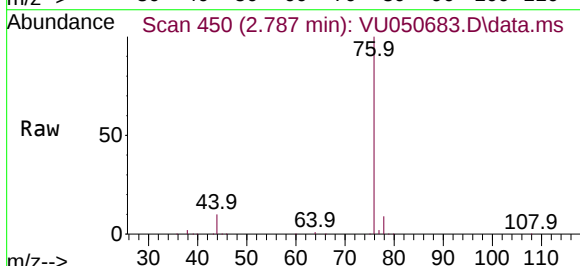
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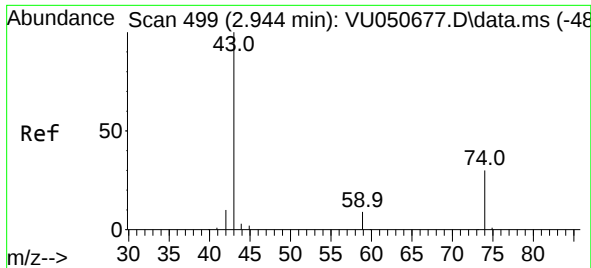
Tgt Ion: 76 Resp: 266353

Ion Ratio Lower Upper

76 100

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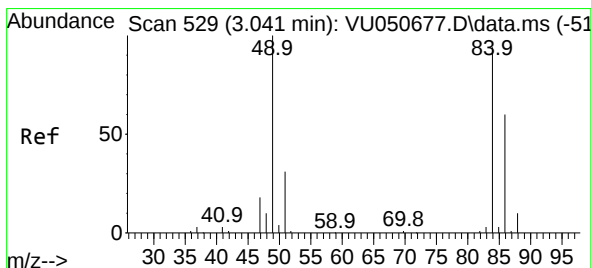
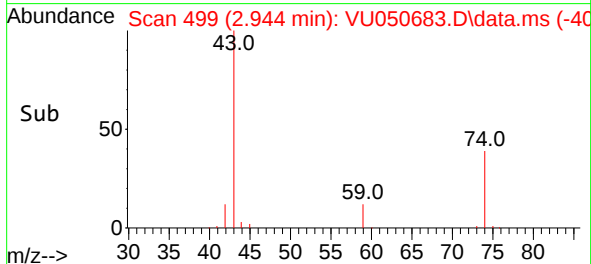
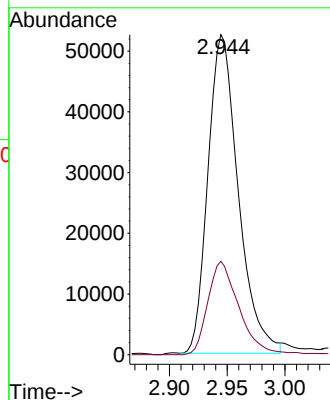
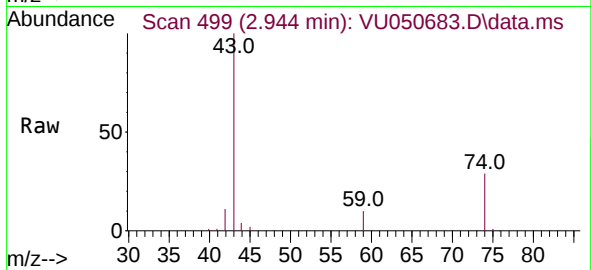




#15
Methyl Acetate
Concen: 32.571 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

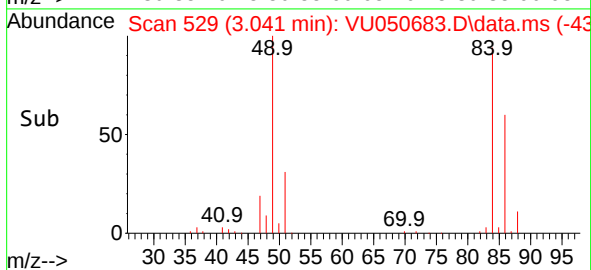
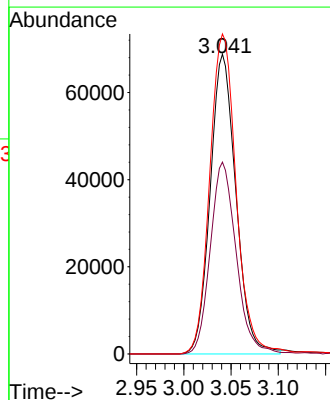
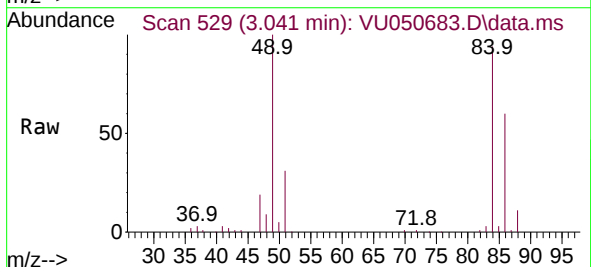
Instrument :
MSVOA_U
ClientSampleId :

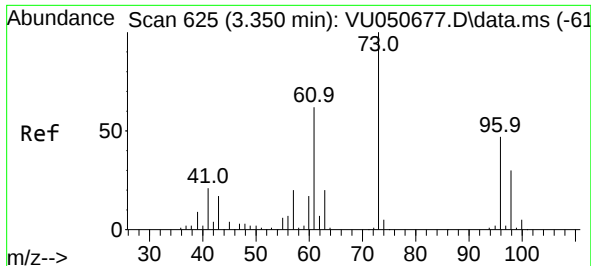
Tgt Ion: 43 Resp: 95865
Ion Ratio Lower Upper
43 100
74 29.9 21.2 31.8



#16
Methylene chloride
Concen: 44.298 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Tgt Ion: 84 Resp: 130149
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 106.7 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 42.864 ug/L

RT: 3.349 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :

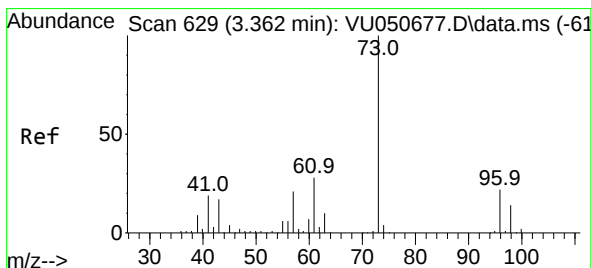
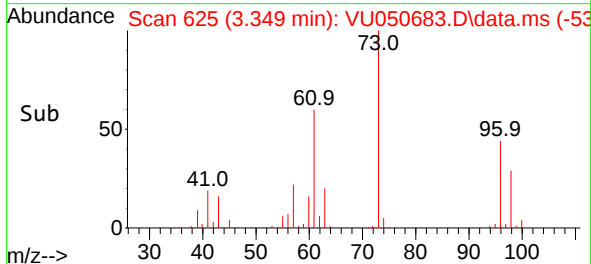
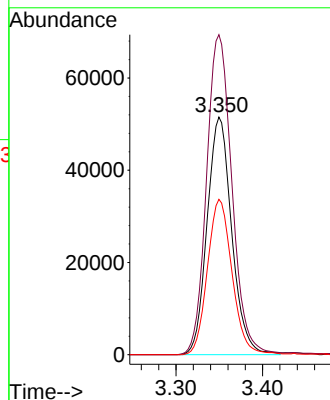
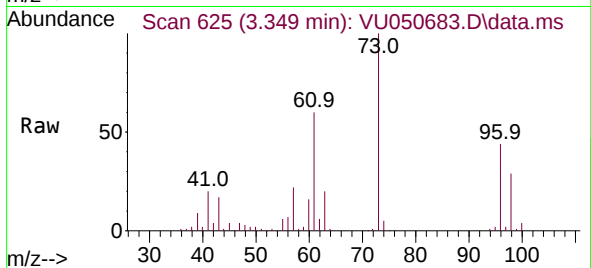
Tgt Ion: 96 Resp: 101758

Ion Ratio Lower Upper

96 100

61 134.7 97.9 181.7

98 65.4 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 49.847 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

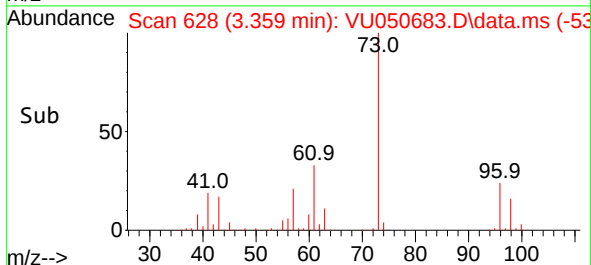
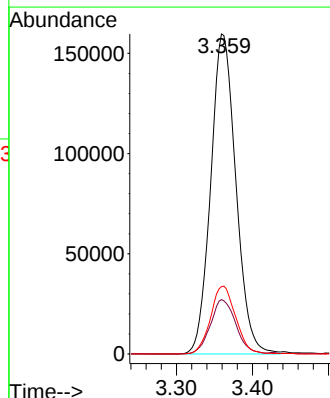
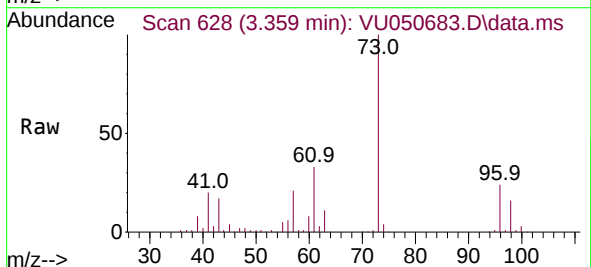
Tgt Ion: 73 Resp: 366903

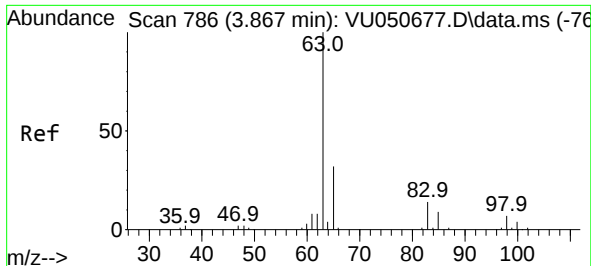
Ion Ratio Lower Upper

73 100

43 17.2 13.4 20.2

57 21.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 45.201 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :

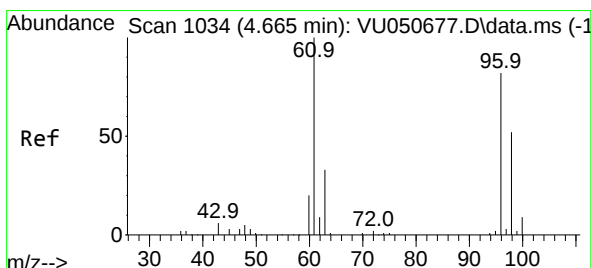
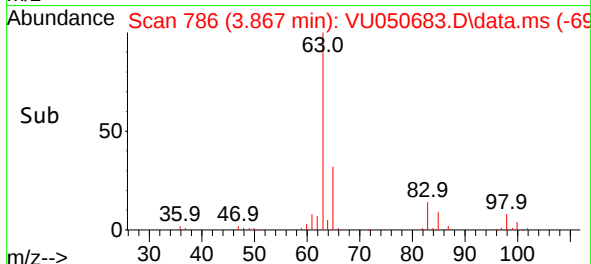
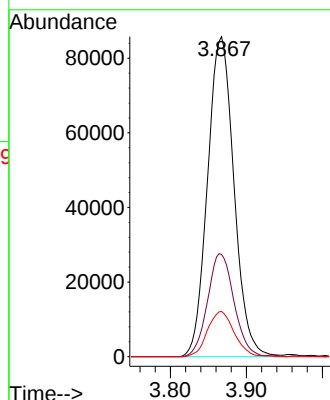
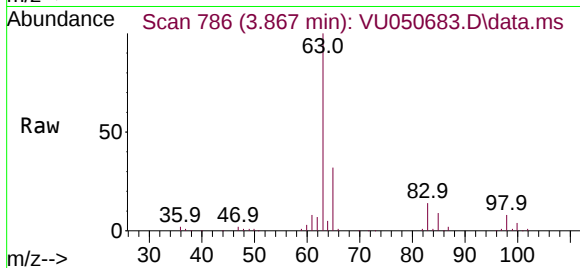
Tgt Ion: 63 Resp: 207027

Ion Ratio Lower Upper

63 100

65 31.9 22.4 41.6

83 14.2 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 47.782 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

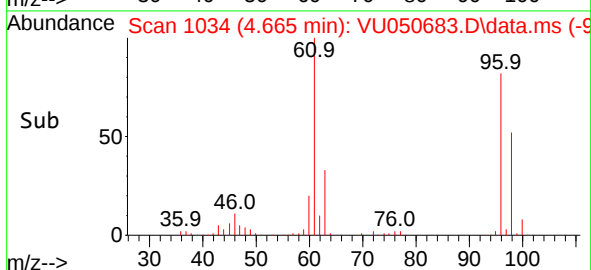
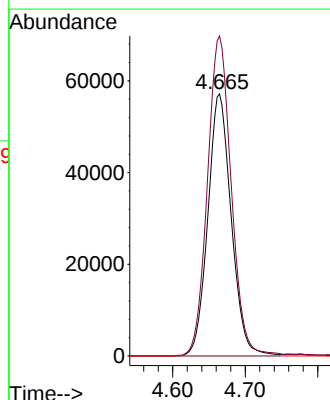
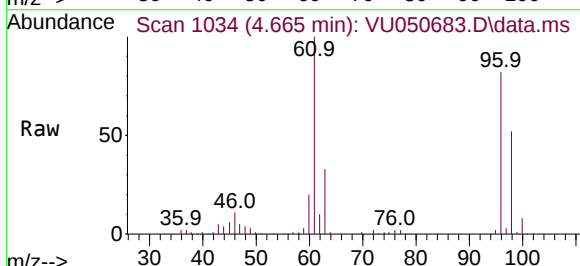
Tgt Ion: 96 Resp: 127985

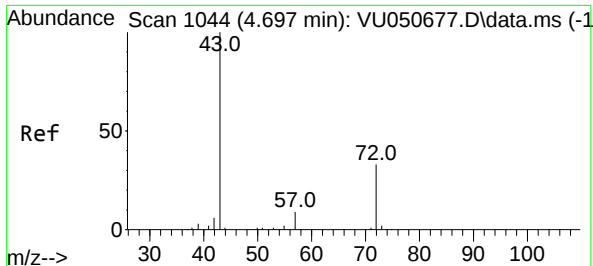
Ion Ratio Lower Upper

96 100

61 122.1 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 94.691 ug/L

RT: 4.700 min Scan# 1044

Delta R.T. 0.003 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

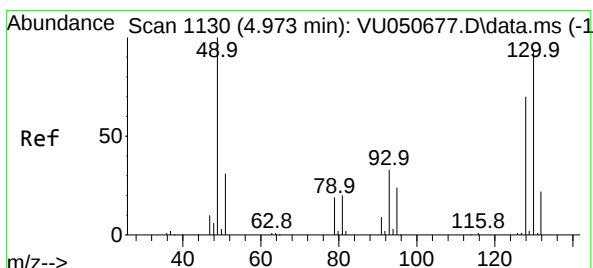
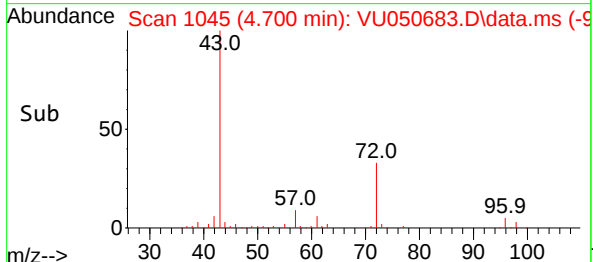
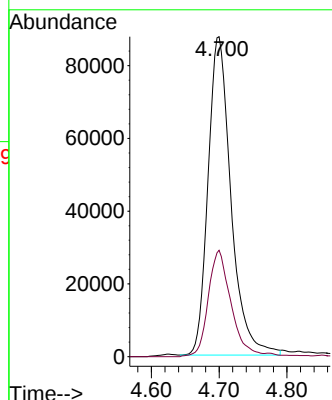
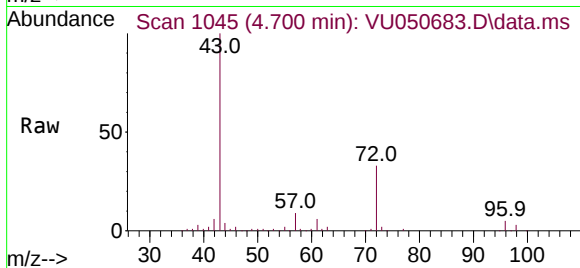
ClientSampleId :

Tgt Ion: 43 Resp: 206116

Ion Ratio Lower Upper

43 100

72 32.9 14.6 44.0



#23

Bromochloromethane

Concen: 50.552 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Tgt Ion: 128 Resp: 69968

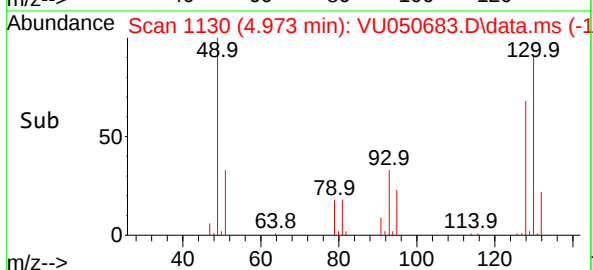
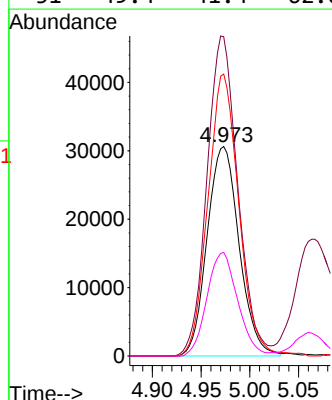
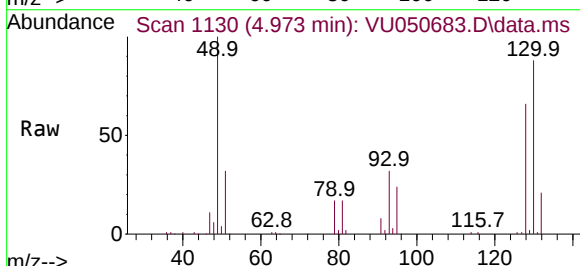
Ion Ratio Lower Upper

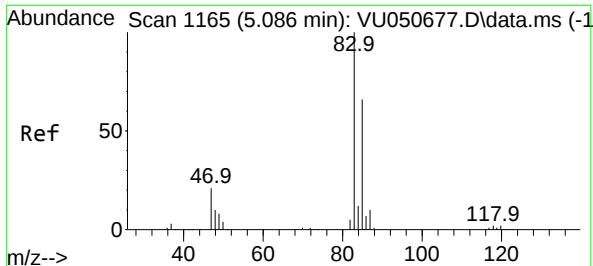
128 100

49 152.4 112.5 208.9

130 134.6 91.8 170.4

51 49.4 41.4 62.0





#25

Chloroform

Concen: 48.725 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

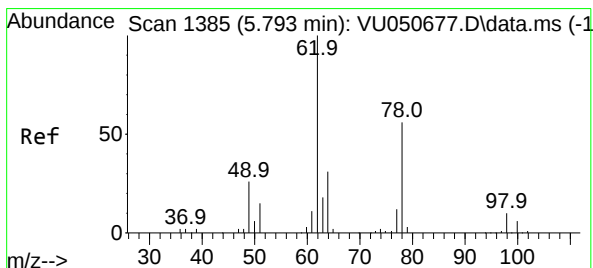
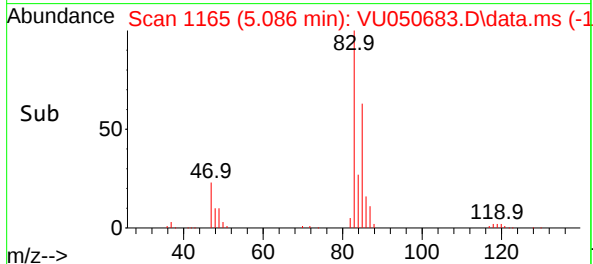
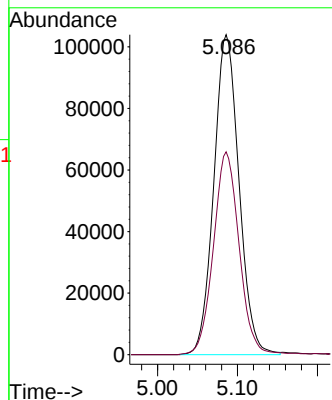
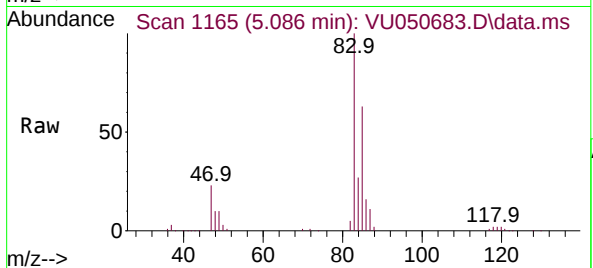
ClientSampleId :

Tgt Ion: 83 Resp: 227361

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8



#27

1,2-Dichloroethane

Concen: 50.956 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU050683.D

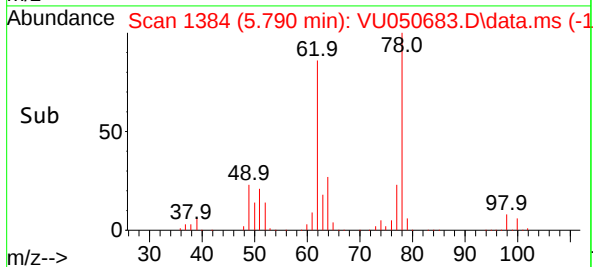
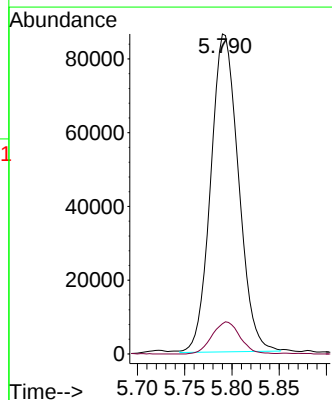
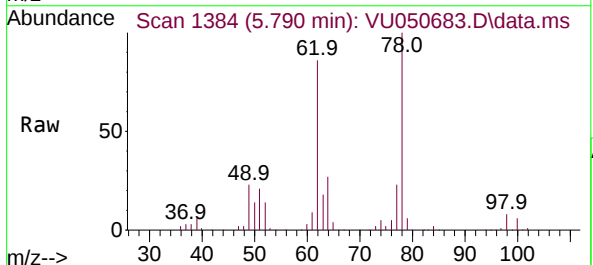
Acq: 08 Sep 2022 13:49

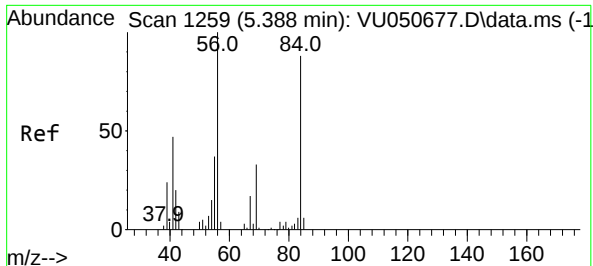
Tgt Ion: 62 Resp: 176233

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.2





#29

Cyclohexane

Concen: 34.517 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

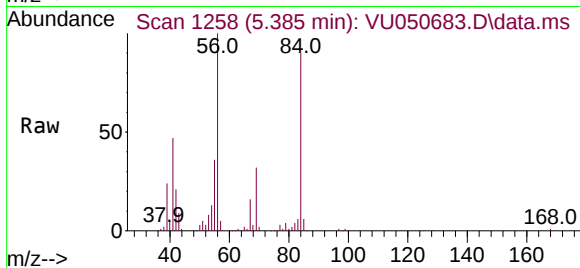
Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :



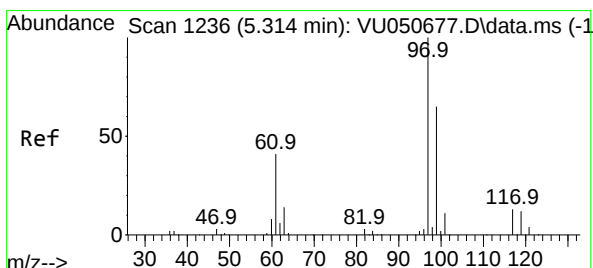
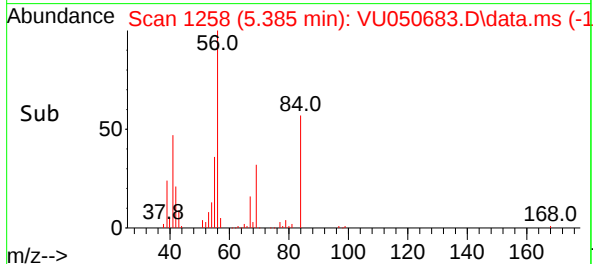
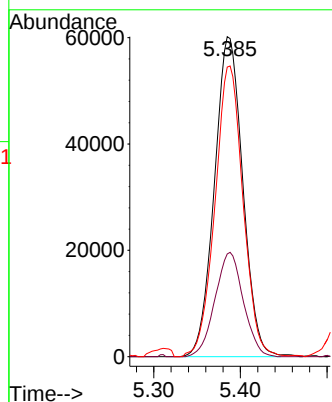
Tgt Ion: 56 Resp: 136482

Ion Ratio Lower Upper

56 100

69 32.7 24.6 37.0

84 90.0 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 45.418 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

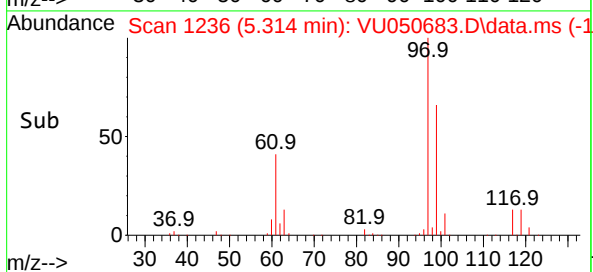
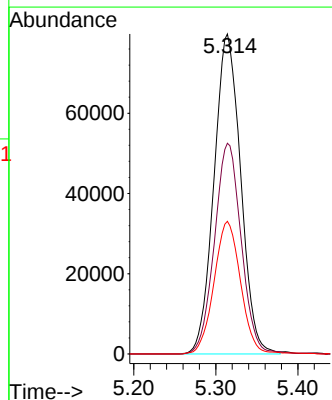
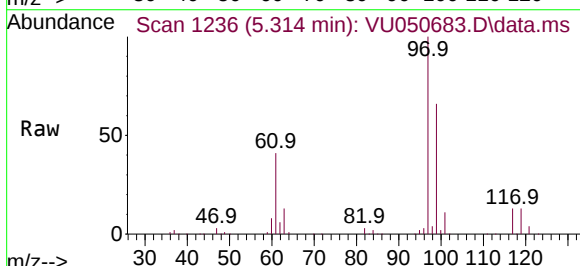
Tgt Ion: 97 Resp: 180608

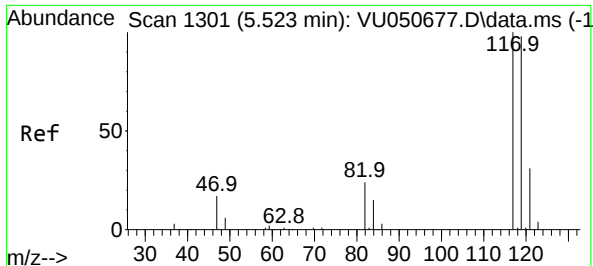
Ion Ratio Lower Upper

97 100

99 66.0 51.2 76.8

61 41.1 34.2 51.4

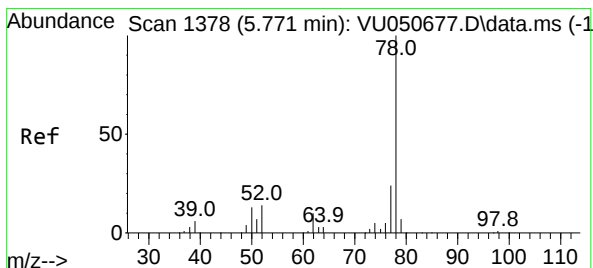
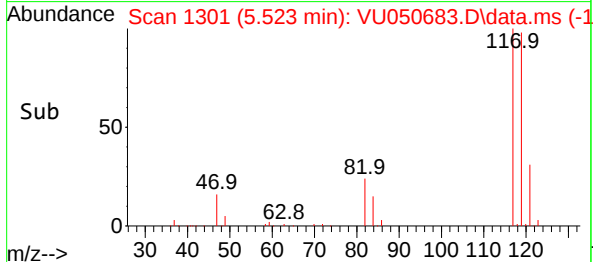
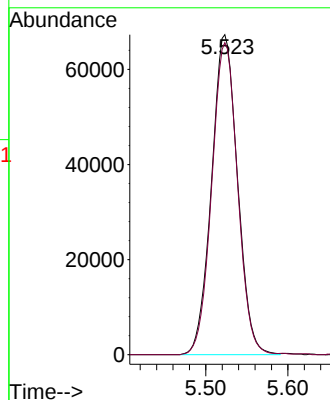
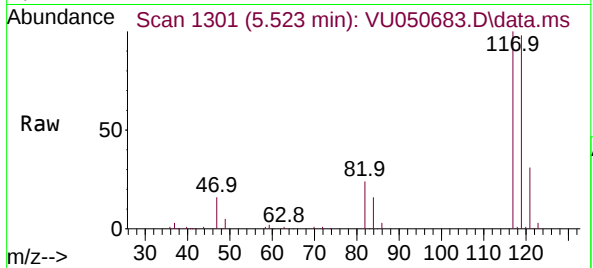




#31
Carbon tetrachloride
Concen: 45.514 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

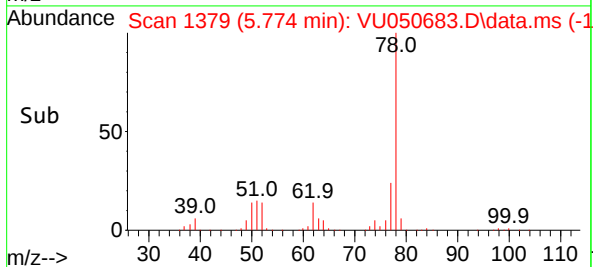
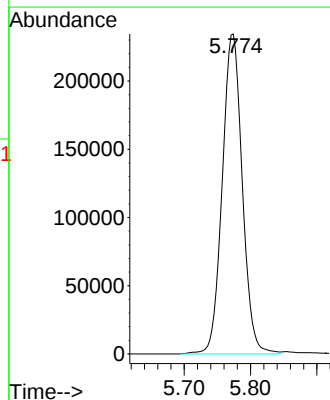
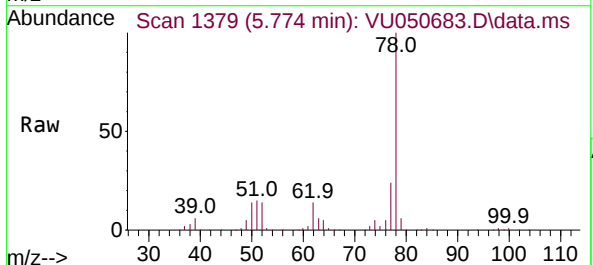
Instrument :
MSVOA_U
ClientSampleId :

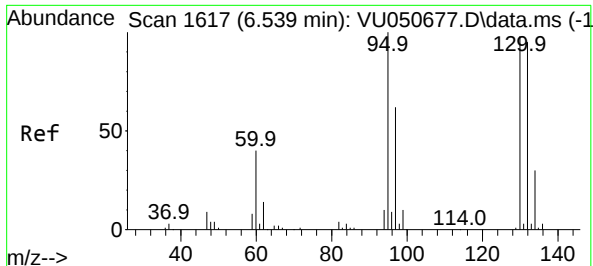
Tgt Ion:117 Resp: 148286
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.2



#33
Benzene
Concen: 45.744 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Tgt Ion: 78 Resp: 491501





#34

Trichloroethene

Concen: 54.549 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

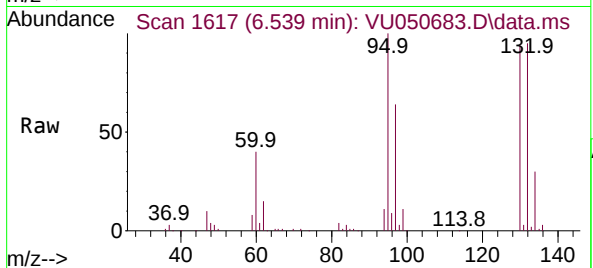
Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 136569

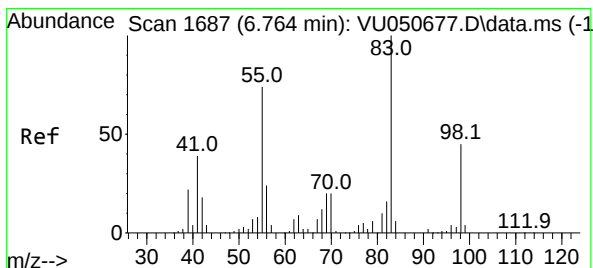
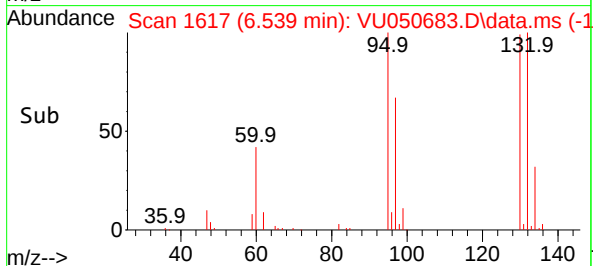
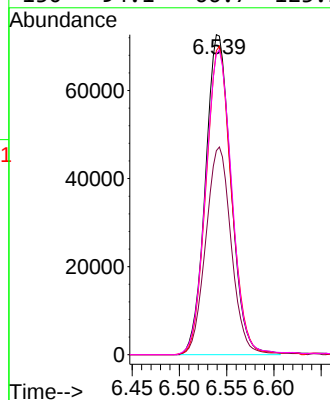
Ion Ratio Lower Upper

95 100

97 63.8 45.4 84.2

132 95.0 65.2 121.2

130 94.1 66.7 123.9



#35

Methylcyclohexane

Concen: 32.899 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

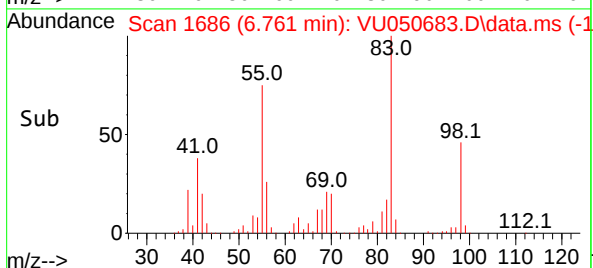
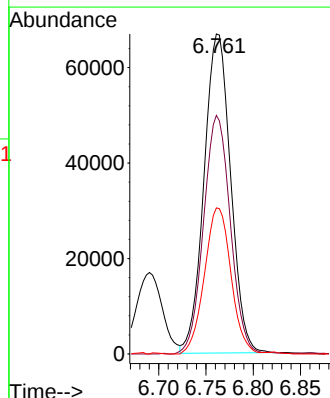
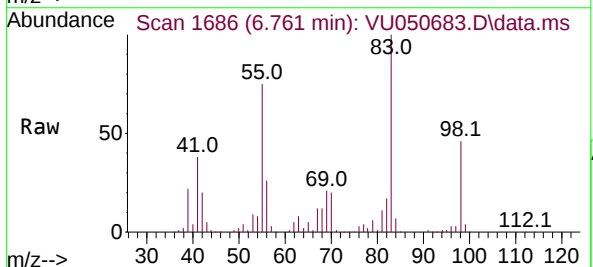
Tgt Ion: 83 Resp: 130946

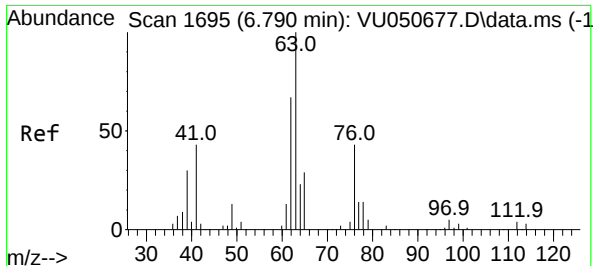
Ion Ratio Lower Upper

83 100

55 75.2 62.6 93.8

98 45.7 35.5 53.3





#37

1,2-Dichloropropane

Concen: 46.045 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

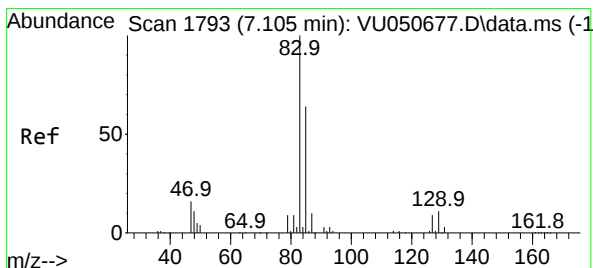
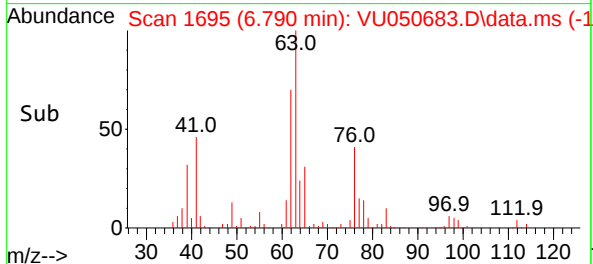
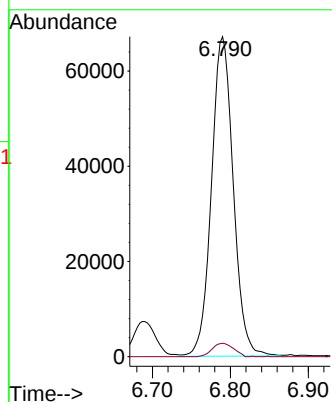
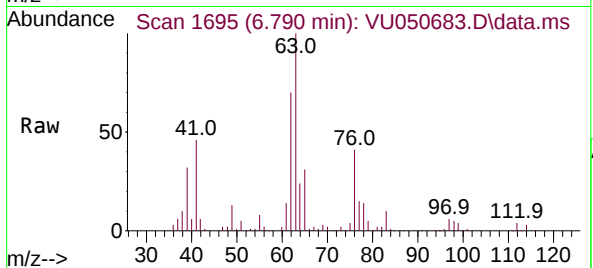
ClientSampleId :

Tgt Ion: 63 Resp: 130682

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.4



#38

Bromodichloromethane

Concen: 51.678 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

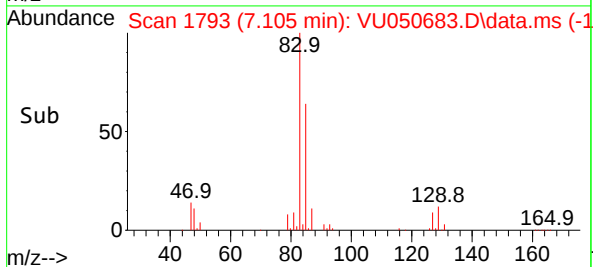
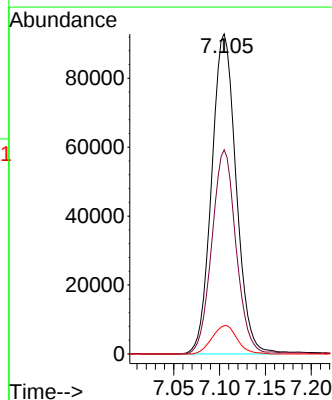
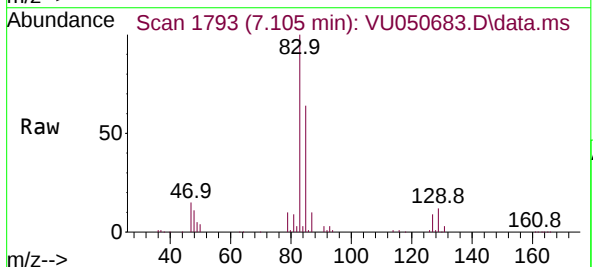
Tgt Ion: 83 Resp: 172531

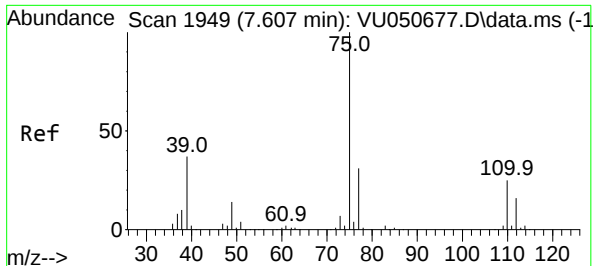
Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.5

127 8.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 43.727 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

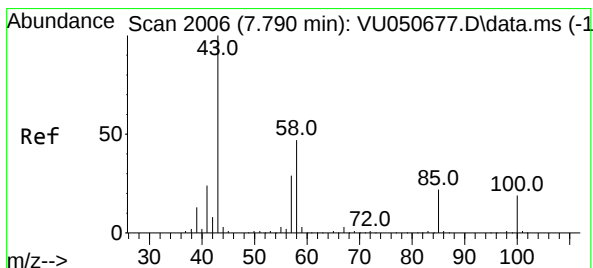
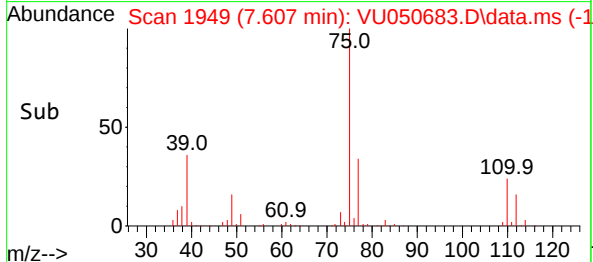
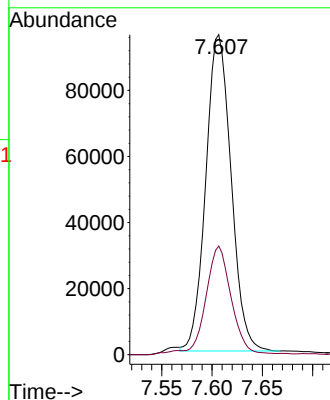
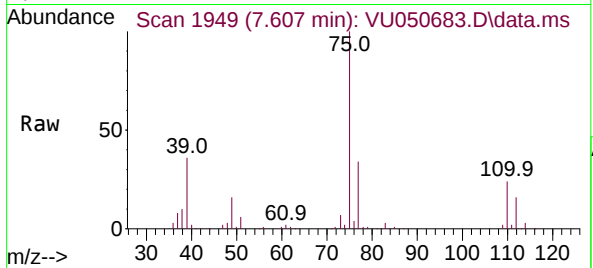
ClientSampleId :

Tgt Ion: 75 Resp: 167982

Ion Ratio Lower Upper

75 100

77 34.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 96.543 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

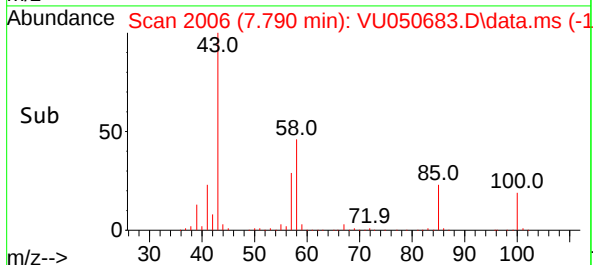
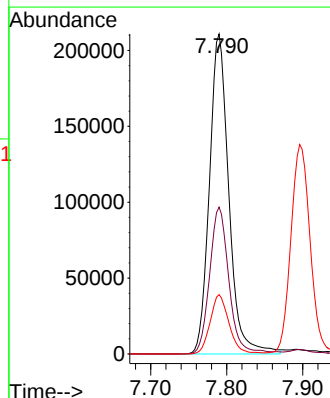
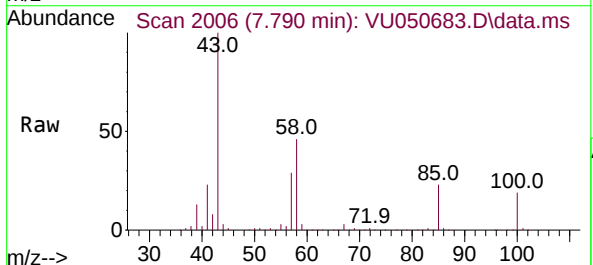
Tgt Ion: 43 Resp: 373392

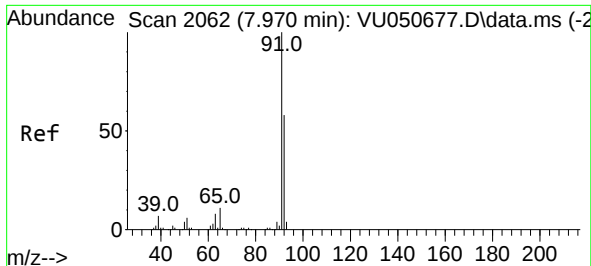
Ion Ratio Lower Upper

43 100

58 44.9 35.1 52.7

100 17.9 12.9 19.3





#42

Toluene

Concen: 46.078 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

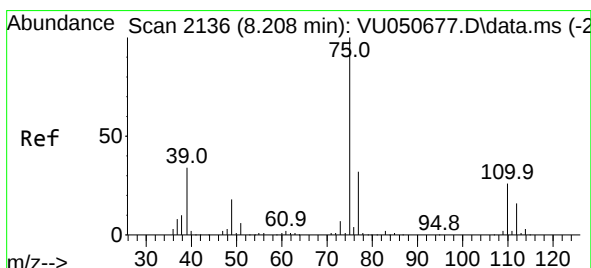
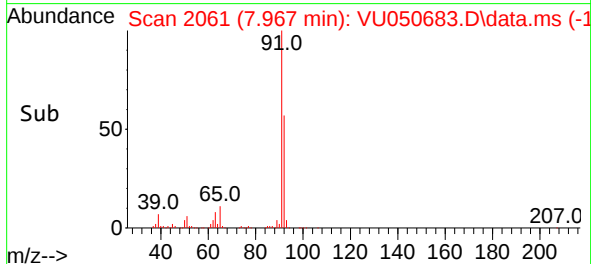
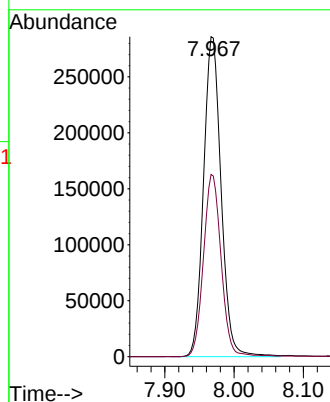
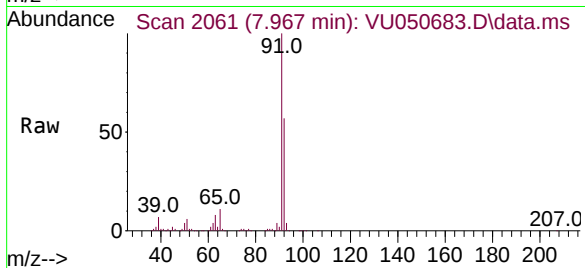
ClientSampleId :

Tgt Ion: 91 Resp: 502914

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 47.695 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU050683.D

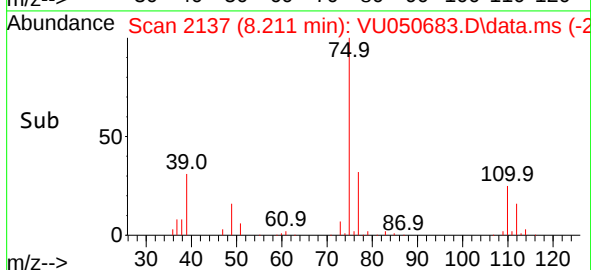
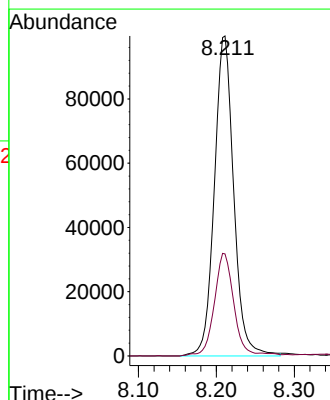
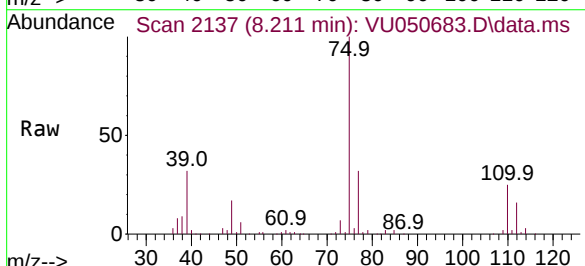
Acq: 08 Sep 2022 13:49

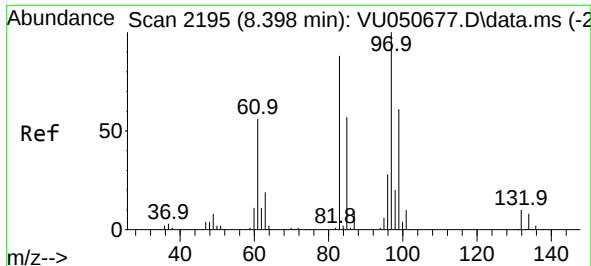
Tgt Ion: 75 Resp: 171910

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1

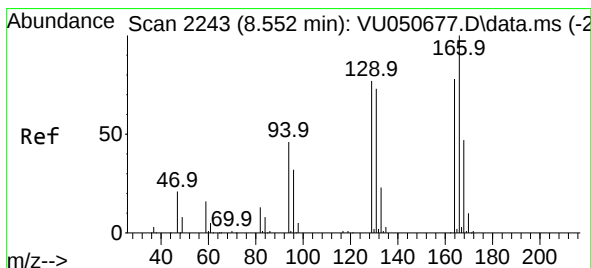
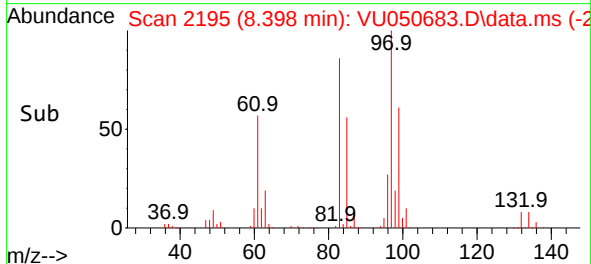
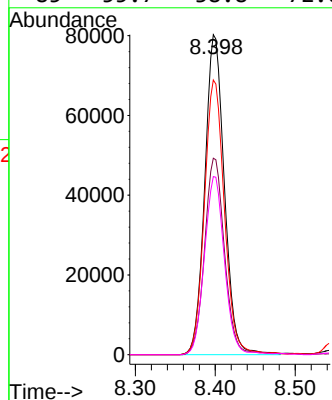
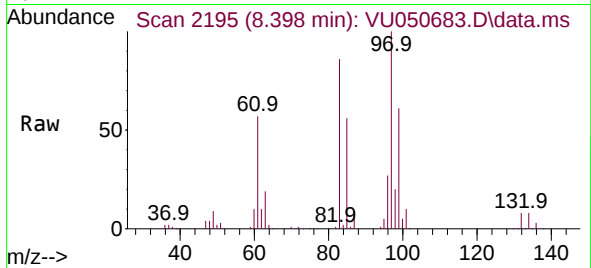




#45
1,1,2-Trichloroethane
Concen: 50.262 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

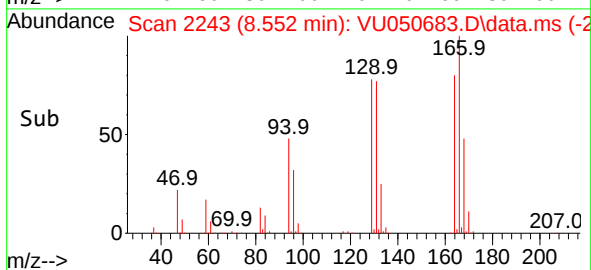
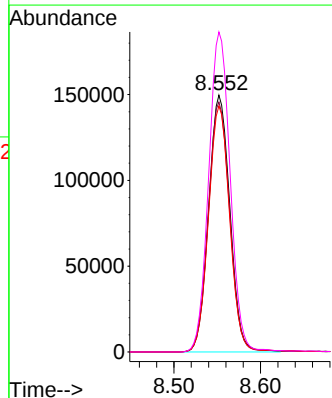
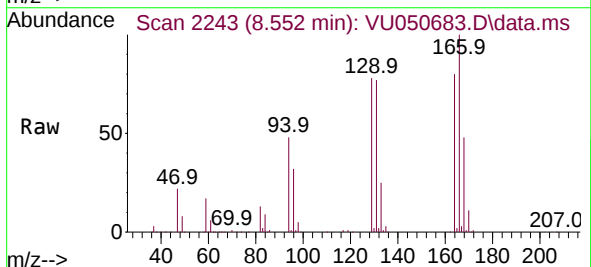
Instrument :
MSVOA_U
ClientSampleId :

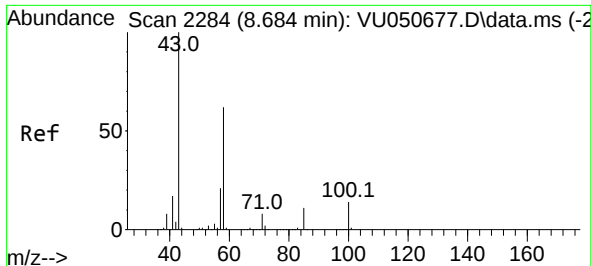
Tgt Ion:	97	Resp:	137035
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.5	80.9
83	85.9	61.6	114.4
85	55.7	38.8	72.0



#46
Tetrachloroethene
Concen: 139.851 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

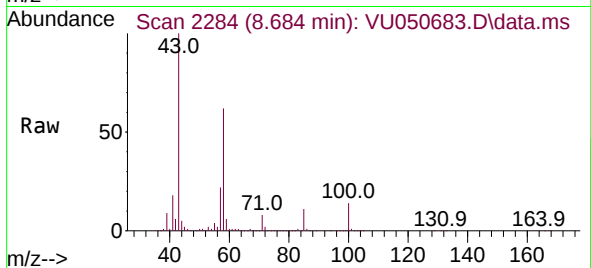
Tgt Ion:	164	Resp:	255733
Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.7	127.5
131	95.8	66.2	123.0
166	124.6	87.7	162.9



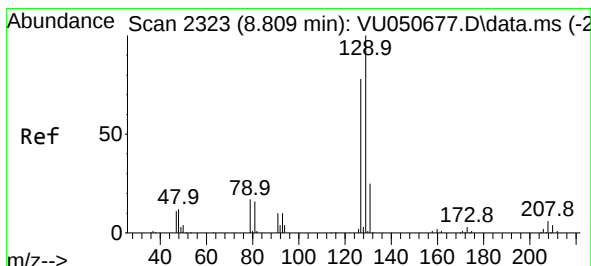
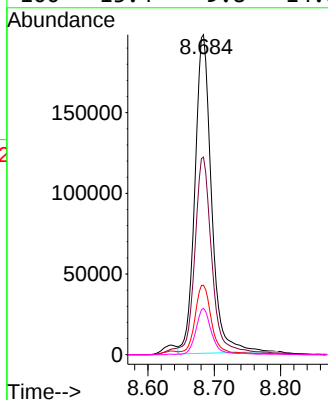
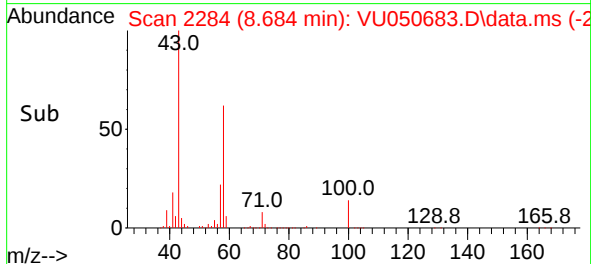


#48
2-Hexanone
Concen: 95.417 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Instrument :
MSVOA_U
ClientSampleId :

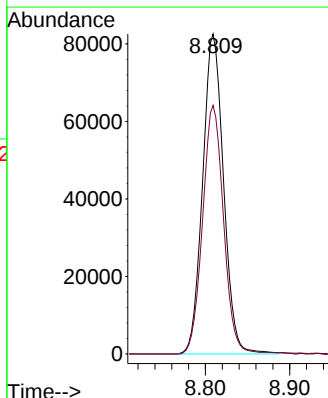
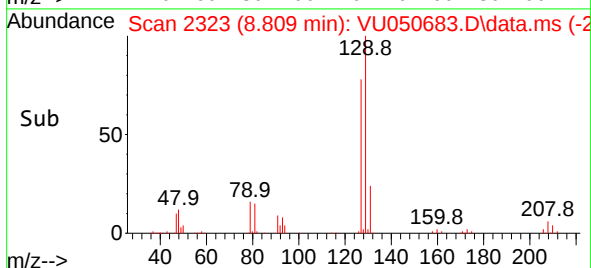
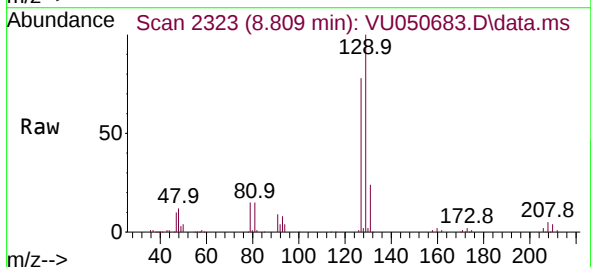


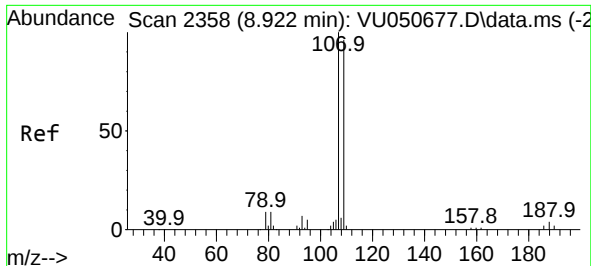
Tgt Ion: 43 Resp: 344405
Ion Ratio Lower Upper
43 100
58 65.7 51.8 77.6
57 20.2 17.0 25.4
100 13.4 9.8 14.8



#49
Dibromochloromethane
Concen: 54.908 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

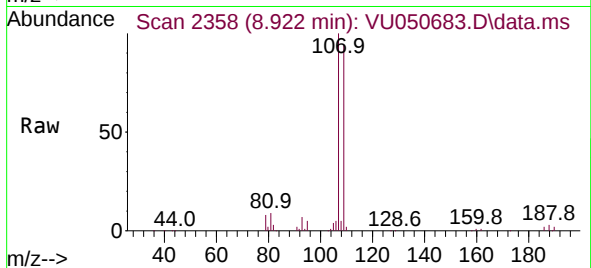
Tgt Ion: 129 Resp: 142785
Ion Ratio Lower Upper
129 100
127 77.7 53.8 100.0



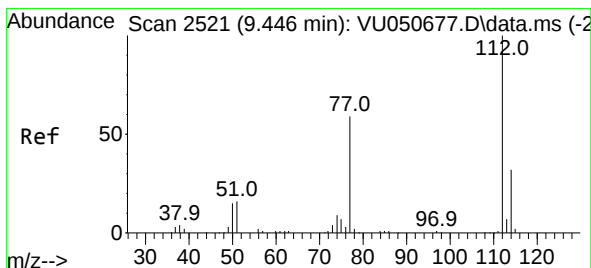
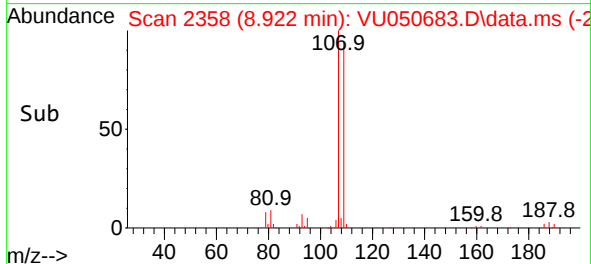
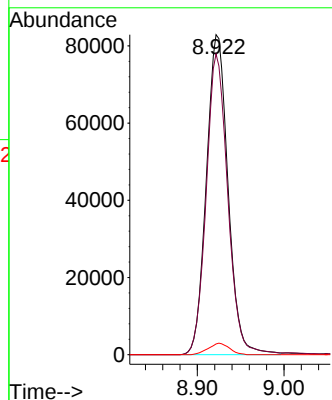


#50
1,2-Dibromoethane
Concen: 52.083 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Instrument :
MSVOA_U
ClientSampleId :

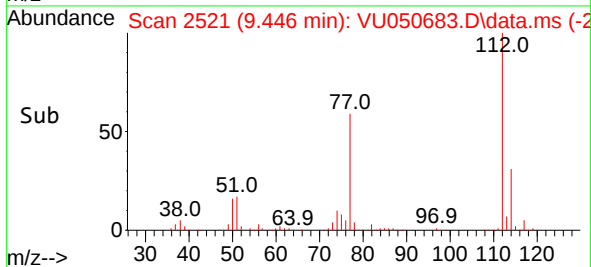
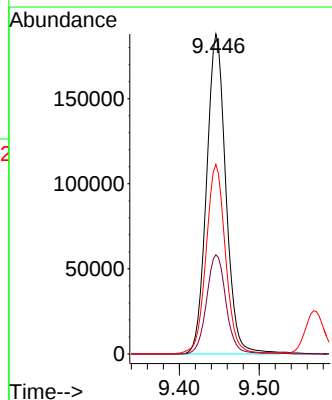
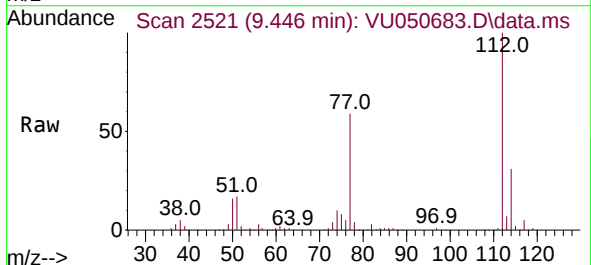


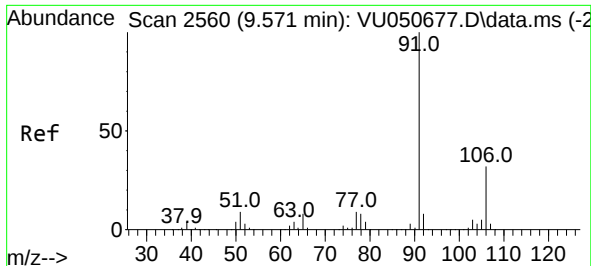
Tgt Ion:107 Resp: 144410
Ion Ratio Lower Upper
107 100
109 94.0 67.5 125.4
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 46.590 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Tgt Ion:112 Resp: 315589
Ion Ratio Lower Upper
112 100
114 31.0 22.1 41.1
77 59.2 49.2 73.8





#52

Ethylbenzene

Concen: 44.379 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

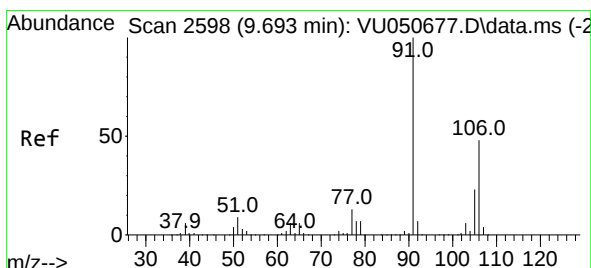
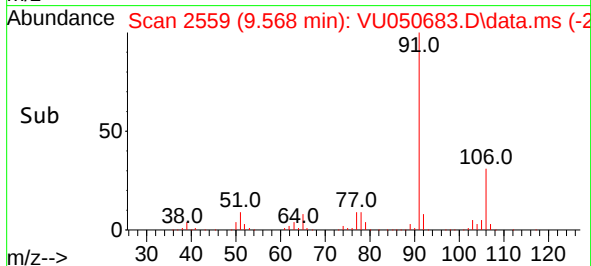
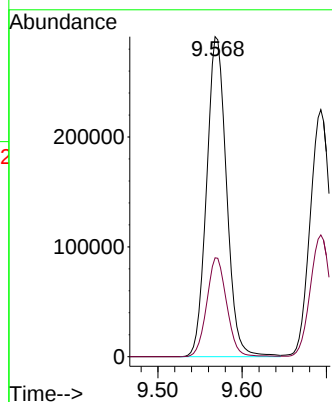
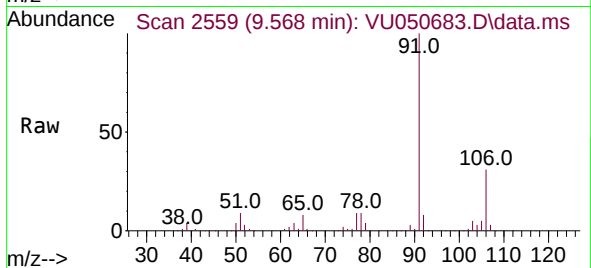
ClientSampleId :

Tgt Ion: 91 Resp: 478497

Ion Ratio Lower Upper

91 100

106 30.9 21.2 39.4



#53

m,p-Xylene

Concen: 45.915 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU050683.D

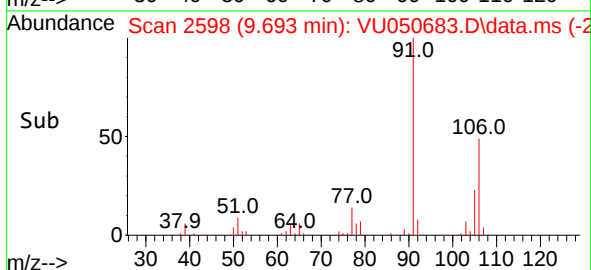
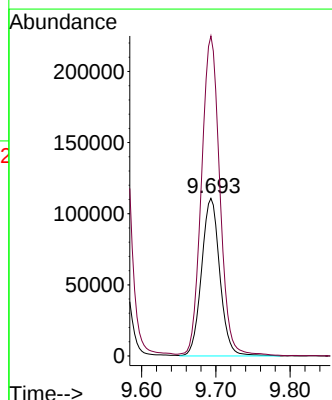
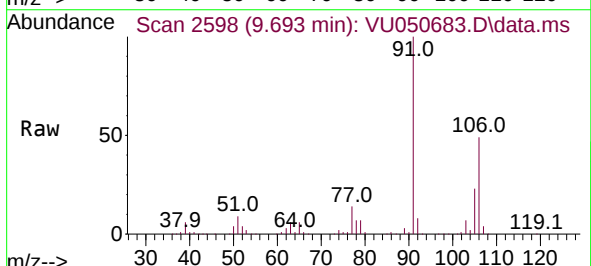
Acq: 08 Sep 2022 13:49

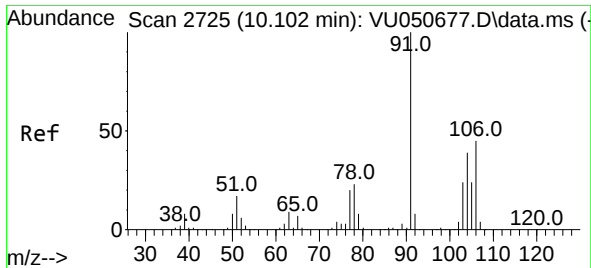
Tgt Ion:106 Resp: 189667

Ion Ratio Lower Upper

106 100

91 203.0 147.1 273.3

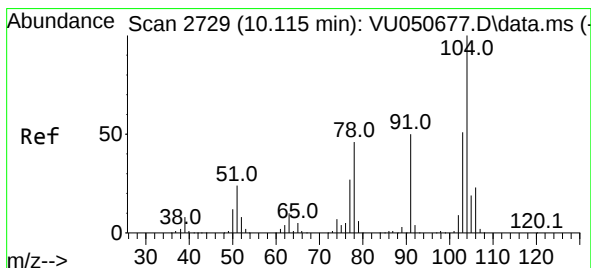
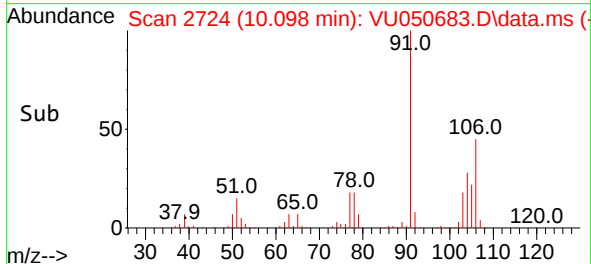
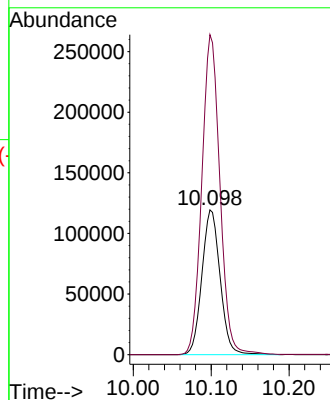
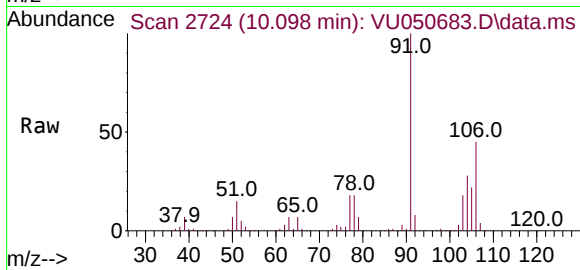




#54
o-Xylene
Concen: 47.228 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

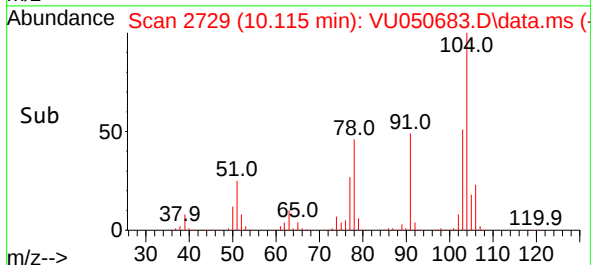
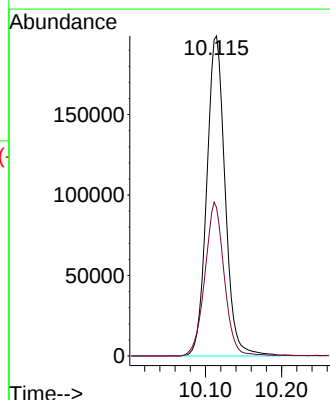
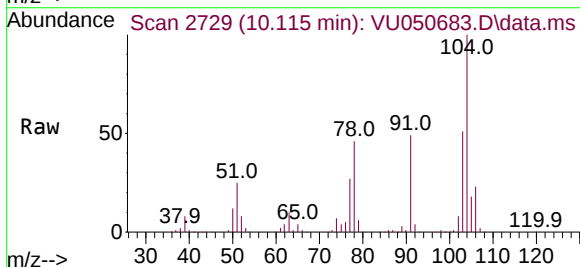
Instrument :
MSVOA_U
ClientSampleId :

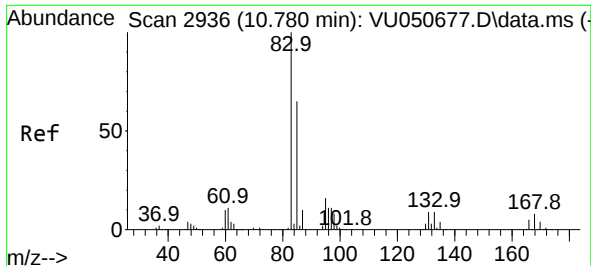
Tgt Ion:106 Resp: 194230
Ion Ratio Lower Upper
106 100
91 220.9 153.4 284.8



#55
Styrene
Concen: 49.280 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Tgt Ion:104 Resp: 333465
Ion Ratio Lower Upper
104 100
78 46.4 32.8 60.8

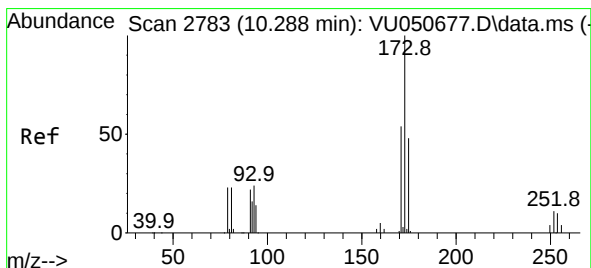
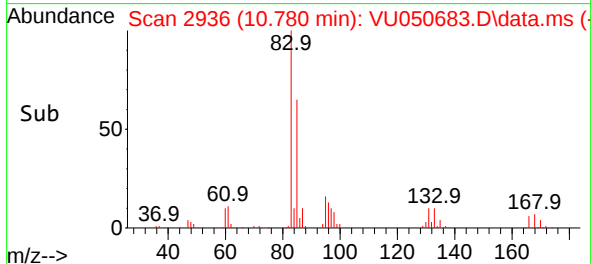
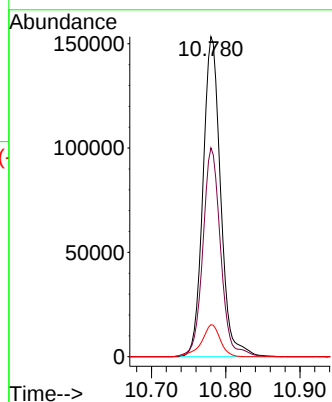
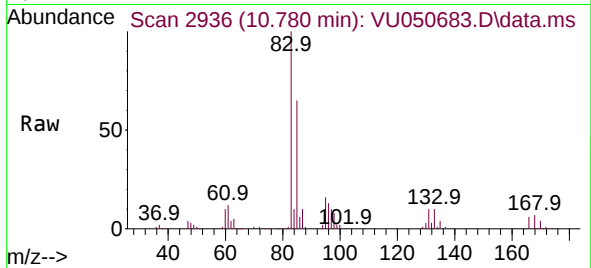




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.098 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

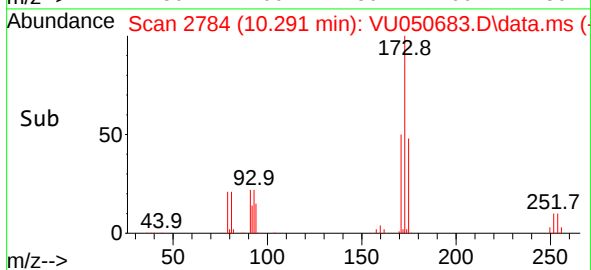
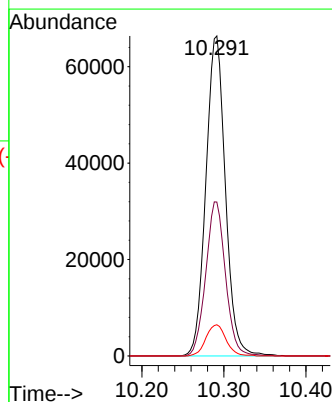
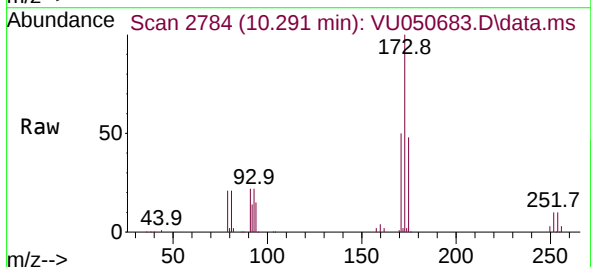
Instrument :
 MSVOA_U
 ClientSampleId :

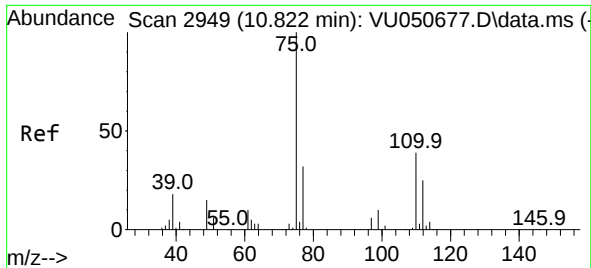
Tgt Ion: 83 Resp: 253006
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.5 84.5
 131 10.0 7.7 11.5



#59
 Bromoform
 Concen: 52.617 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. 0.003 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

Tgt Ion:173 Resp: 109814
 Ion Ratio Lower Upper
 173 100
 175 48.6 40.0 60.0
 254 10.0 7.4 11.0

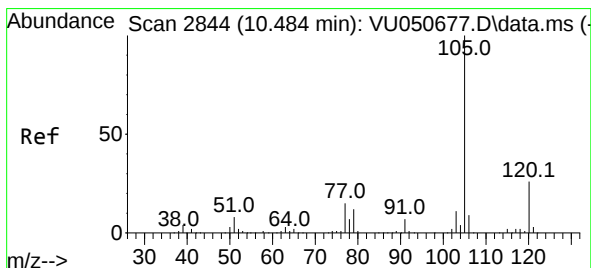
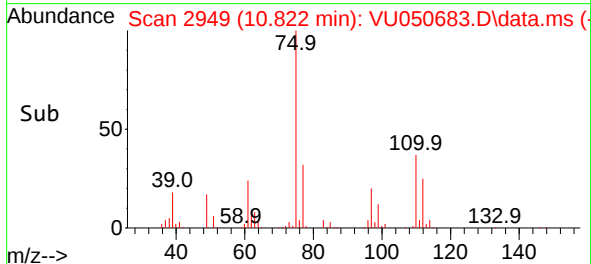
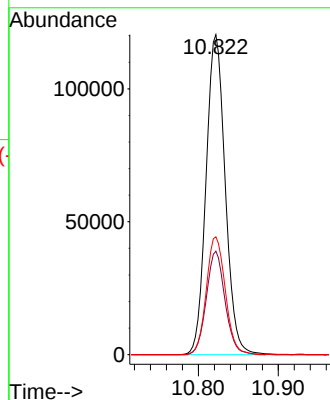
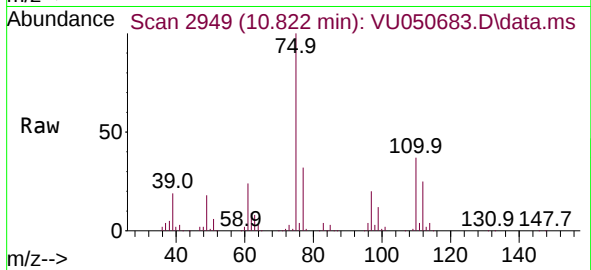




#60
 1,2,3-Trichloropropane
 Concen: 48.866 ug/L
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

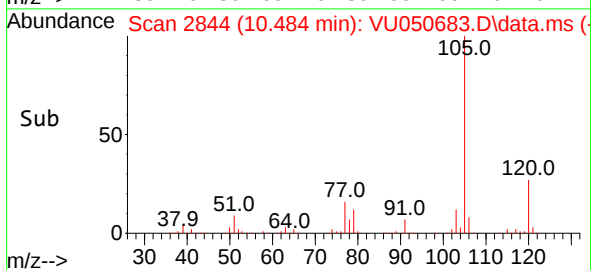
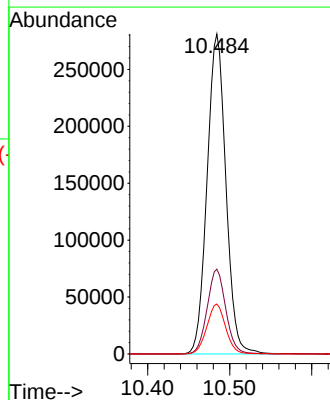
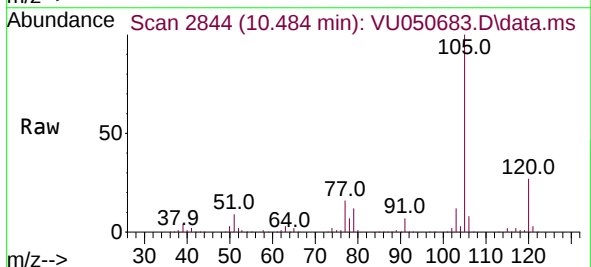
Instrument :
 MSVOA_U
 ClientSampleId :

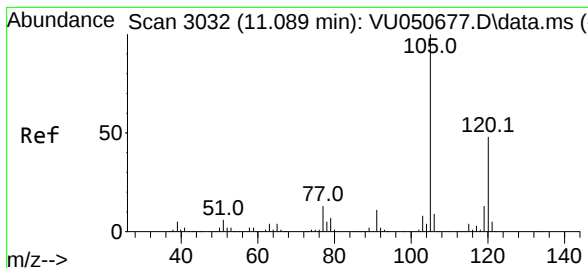
Tgt Ion:	75	Resp:	200559
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8
110	36.6	29.3	43.9



#61
 Isopropylbenzene
 Concen: 40.403 ug/L
 RT: 10.484 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

Tgt Ion:	105	Resp:	447352
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.4	30.6
77	15.6	12.8	19.2





#62

1,3,5-Trimethylbenzene

Concen: 40.534 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

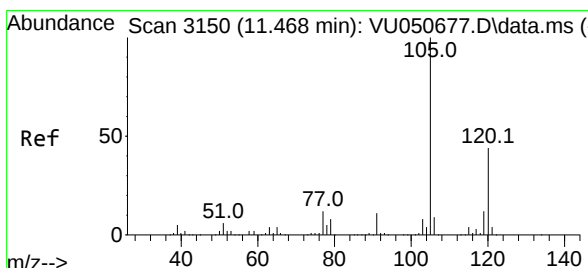
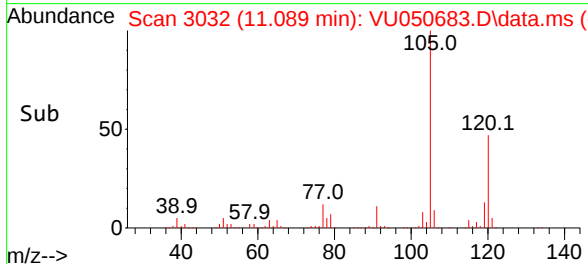
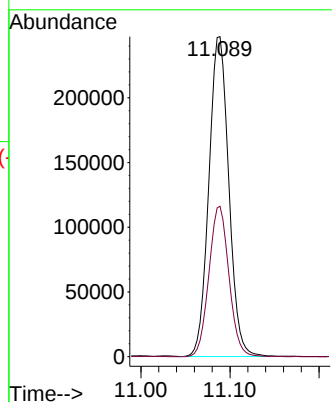
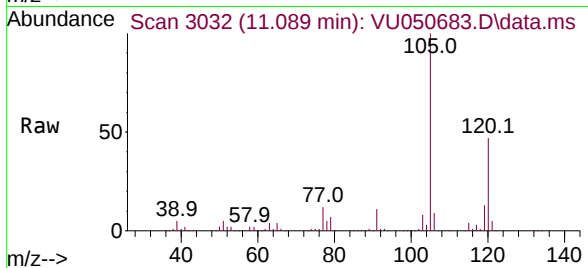
ClientSampleId :

Tgt Ion:105 Resp: 383690

Ion Ratio Lower Upper

105 100

120 47.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 41.517 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050683.D

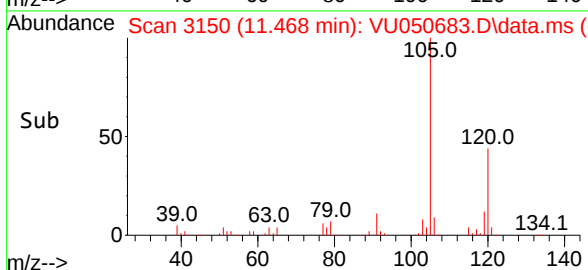
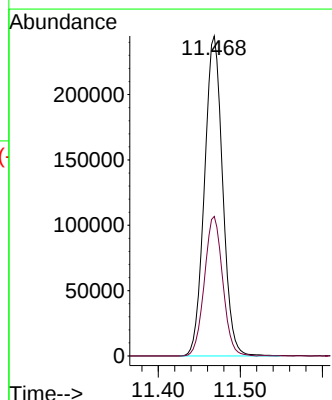
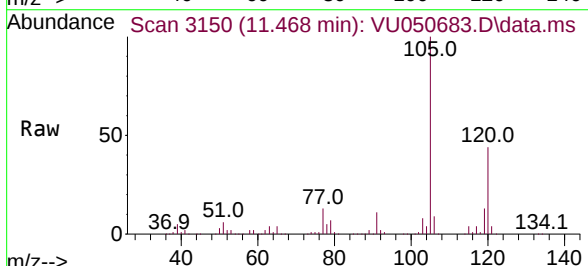
Acq: 08 Sep 2022 13:49

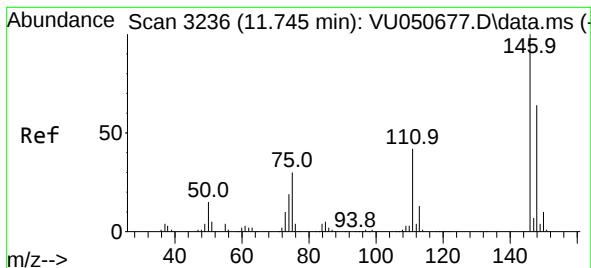
Tgt Ion:105 Resp: 377389

Ion Ratio Lower Upper

105 100

120 43.8 35.3 52.9





#64

1,3-Dichlorobenzene

Concen: 44.529 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :

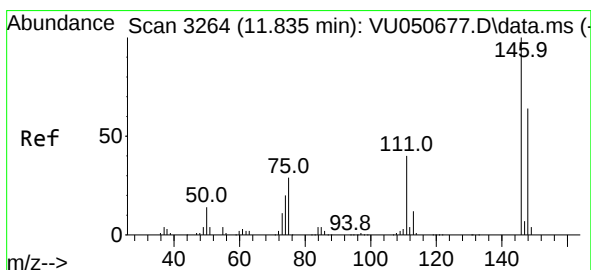
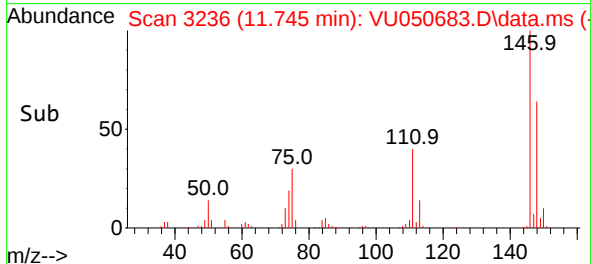
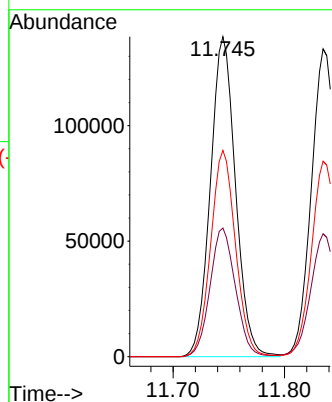
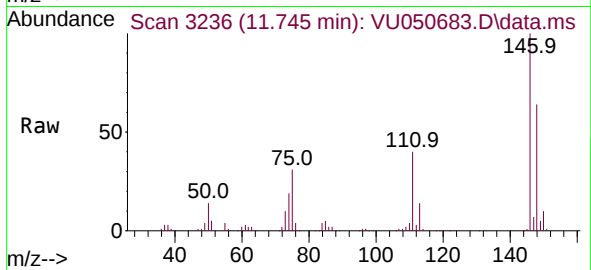
Tgt Ion:146 Resp: 216938

Ion Ratio Lower Upper

146 100

111 40.2 29.9 55.5

148 64.4 45.5 84.5



#65

1,4-Dichlorobenzene

Concen: 44.400 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU050683.D

Acq: 08 Sep 2022 13:49

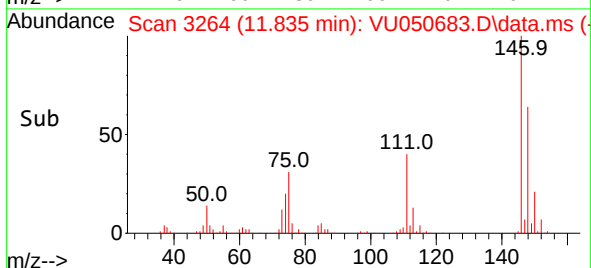
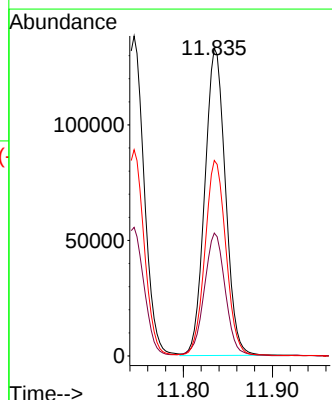
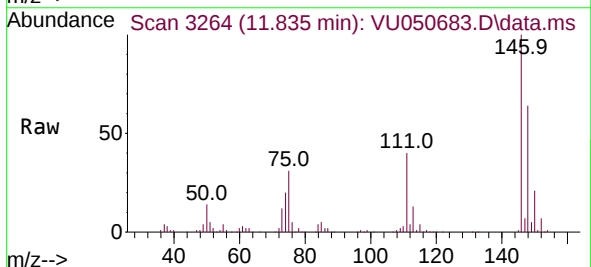
Tgt Ion:146 Resp: 213813

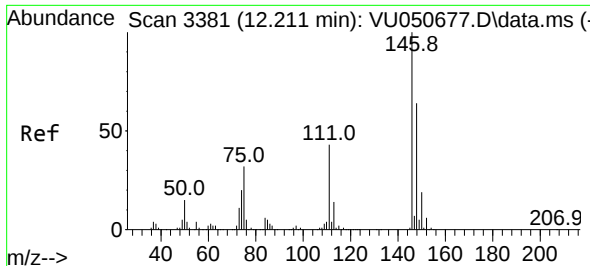
Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.7

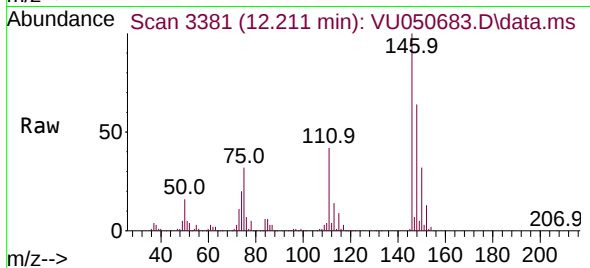
148 63.5 44.4 82.4



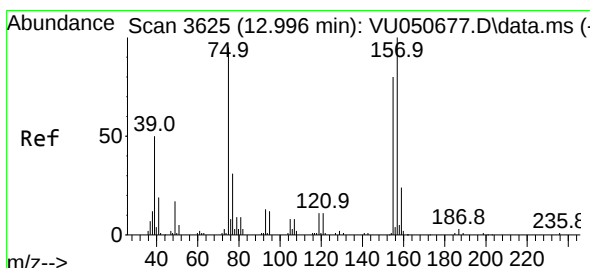
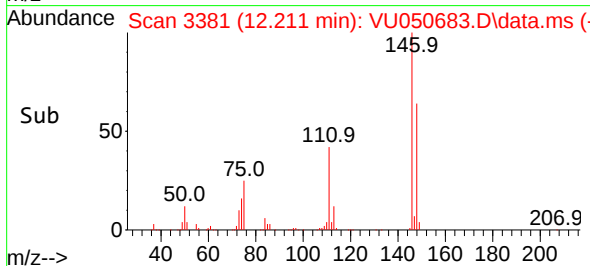
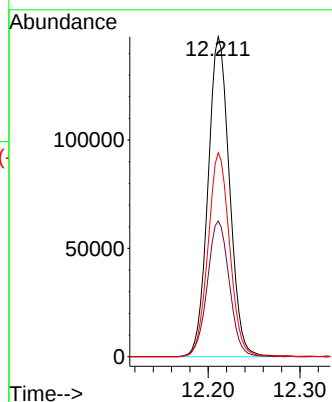


#67
1,2-Dichlorobenzene
Concen: 46.250 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Instrument :
MSVOA_U
ClientSampleId :

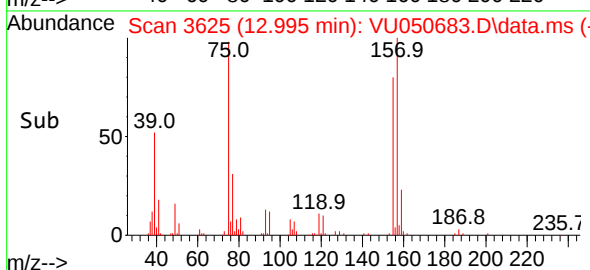
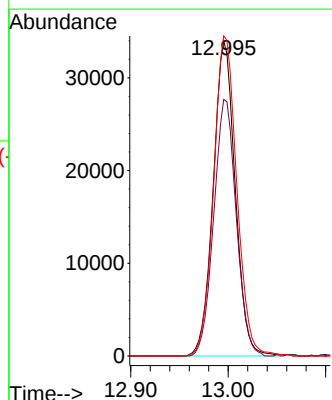
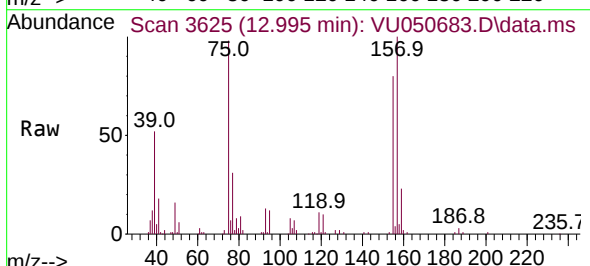


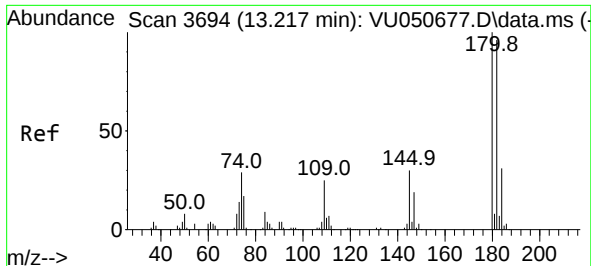
Tgt Ion:146 Resp: 239977
Ion Ratio Lower Upper
146 100
111 42.4 35.1 52.7
148 63.8 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.101 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

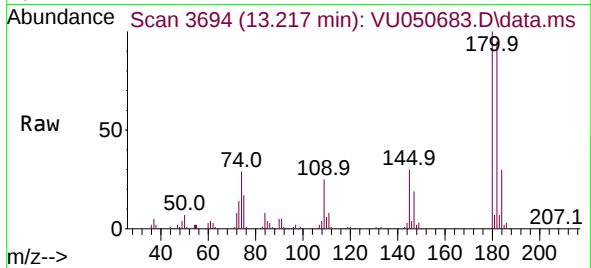
Tgt Ion: 75 Resp: 53218
Ion Ratio Lower Upper
75 100
155 81.5 67.8 101.6
157 106.2 82.6 124.0



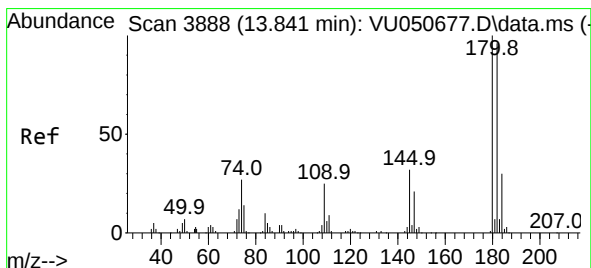
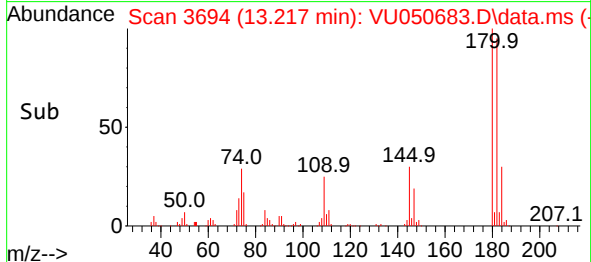
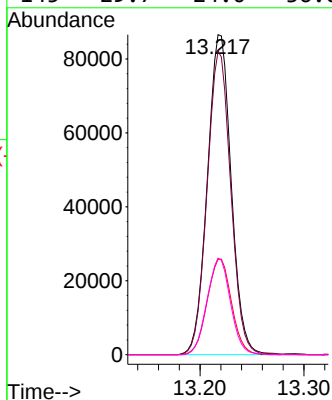


#69
 1,3,5-Trichlorobenzene
 Concen: 39.002 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

Instrument :
 MSVOA_U
 ClientSampleId :

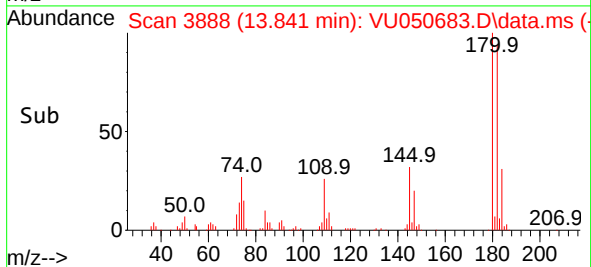
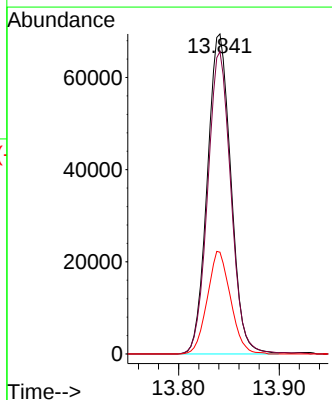
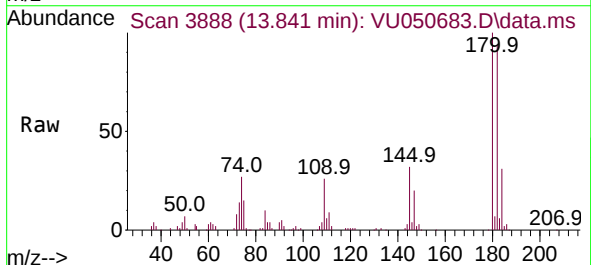


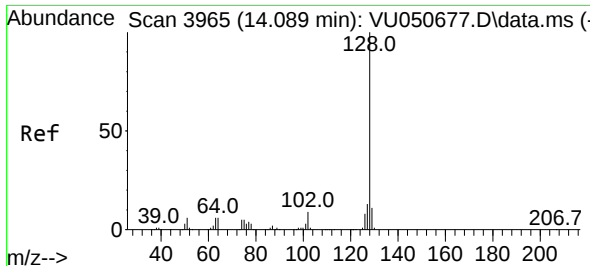
Tgt Ion:180 Resp: 137896
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.3 112.9
 184 30.5 23.8 35.8
 145 29.7 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 37.637 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050683.D
 Acq: 08 Sep 2022 13:49

Tgt Ion:180 Resp: 112994
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.2 114.2
 145 31.7 24.7 37.1

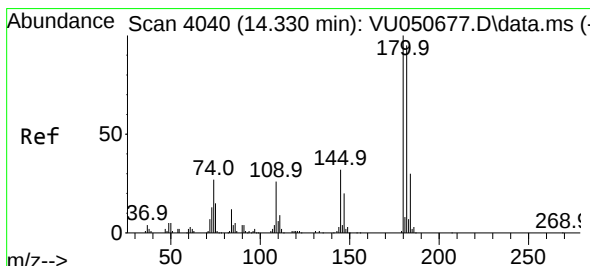
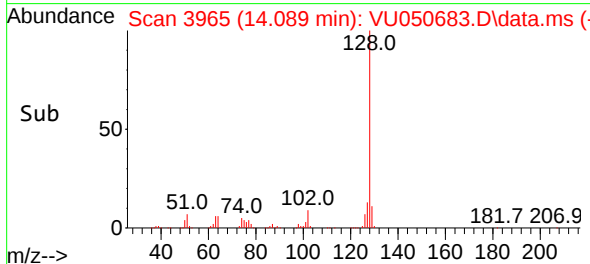
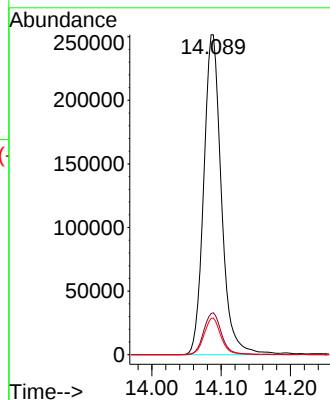
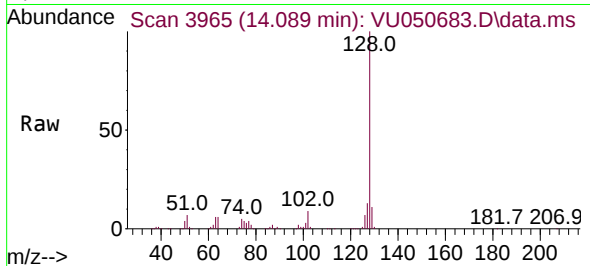




#71
Naphthalene
Concen: 41.730 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 444178
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.0 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 40.846 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050683.D
Acq: 08 Sep 2022 13:49

Tgt Ion:180 Resp: 132795
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
145 32.1 26.4 39.6

