

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048503.D
 Acq On : 10 May 2022 19:54
 Operator : SY/MD
 Sample : N2736-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 05:25:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	269724	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	263524	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	147866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	77853	33.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.040%
7) Chloroethane-d5	1.913	69	61936	40.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.700%
11) 1,1-Dichloroethene-d2	2.572	63	178452	43.165	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
21) 2-Butanone-d5	4.617	46	157092	79.408	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.410%
24) Chloroform-d	5.064	84	196089	48.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.700	65	135237	51.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.120%
32) Benzene-d6	5.729	84	351459	43.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
36) 1,2-Dichloropropane-d6	6.691	67	108379	41.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.000%
41) Toluene-d8	7.896	98	323034	45.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.220%
43) trans-1,3-Dichloroprop...	8.179	79	41347	34.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.800%
47) 2-Hexanone-d5	8.630	63	119701	94.706	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.710%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	171595	43.139	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.280%
66) 1,2-Dichlorobenzene-d4	12.192	152	136040	46.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	119931	49.154	ug/L	98
3) Chloromethane	1.524	50	104514	37.449	ug/L	100
5) Vinyl chloride	1.604	62	104774	39.518	ug/L	96
6) Bromomethane	1.855	94	61407	46.835	ug/L	99
8) Chloroethane	1.932	64	65237	45.767	ug/L	96
9) Trichlorofluoromethane	2.138	101	186138	53.435	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.582	101	87608	43.826	ug/L	97
12) 1,1-Dichloroethene	2.582	96	90048	47.645	ug/L	96
13) Acetone	2.623	43	122160	81.906	ug/L	96
14) Carbon disulfide	2.794	76	261879	44.704	ug/L	99
15) Methyl Acetate	2.948	43	88325	28.908	ug/L #	91
16) Methylene chloride	3.045	84	109420	47.343	ug/L	90
17) trans-1,2-Dichloroethene	3.356	96	99783	49.486	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	353850	52.110	ug/L	98
19) 1,1-Dichloroethane	3.871	63	194539	46.790	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	114757	50.434	ug/L	93
22) 2-Butanone	4.697	43	183319	82.224	ug/L	94
23) Bromochloromethane	4.977	128	61995	51.700	ug/L	85
25) Chloroform	5.090	83	217234	52.911	ug/L	100

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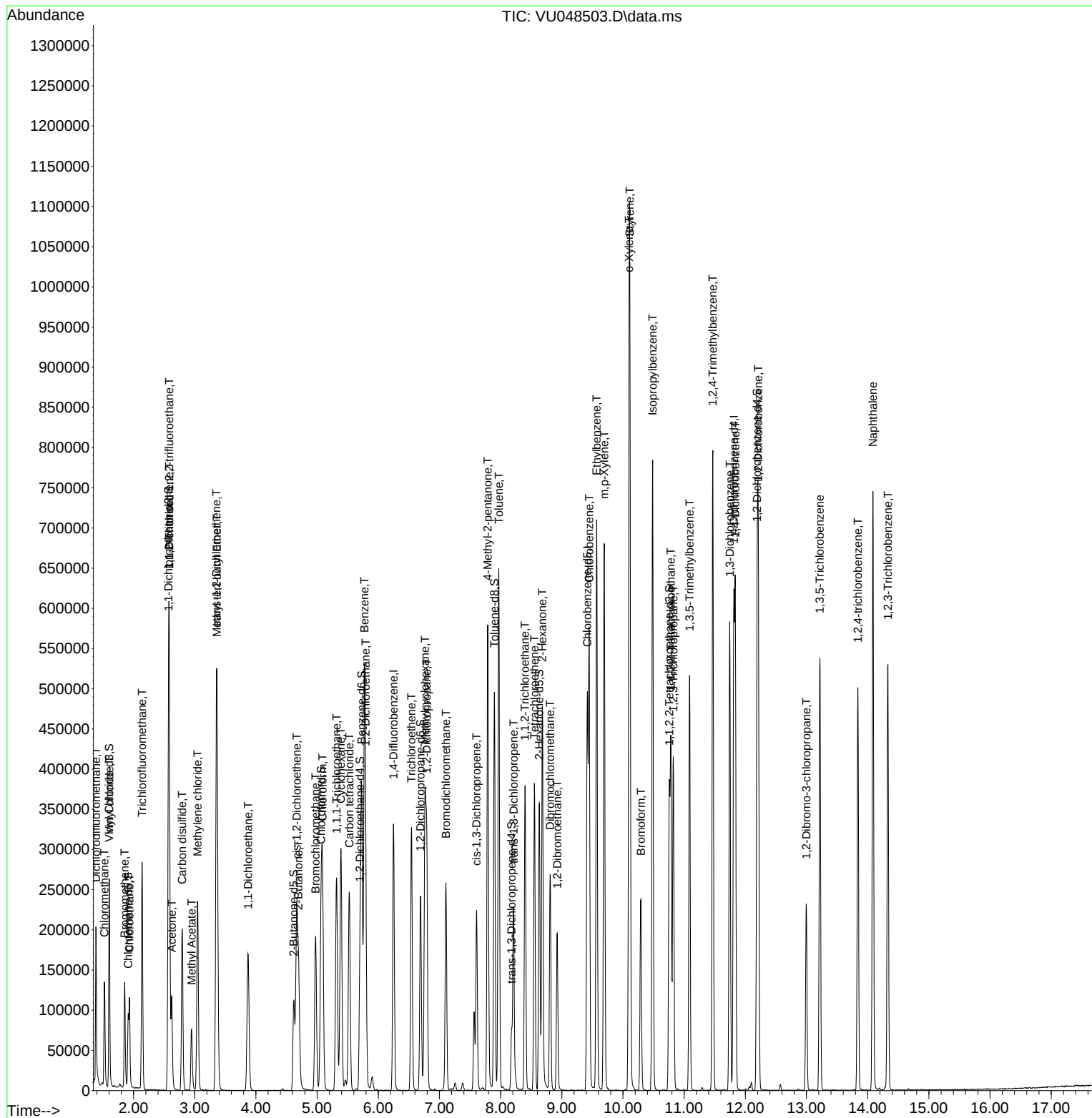
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.794	62	186417	55.225	ug/L	99
29) Cyclohexane	5.389	56	144328	39.689	ug/L	90
30) 1,1,1-Trichloroethane	5.318	97	201951	55.182	ug/L	98
31) Carbon tetrachloride	5.527	117	175599	56.035	ug/L	98
33) Benzene	5.774	78	432633	47.681	ug/L	100
34) Trichloroethene	6.543	95	109835	49.246	ug/L	99
35) Methylcyclohexane	6.765	83	141125	39.658	ug/L	97
37) 1,2-Dichloropropane	6.790	63	111658	44.091	ug/L #	97
38) Bromodichloromethane	7.106	83	169164	54.861	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	127998	35.535	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	352351	86.837	ug/L #	95
42) Toluene	7.970	91	461481	49.279	ug/L	99
44) trans-1,3-Dichloropropene	8.212	75	132525	37.860	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	115539	50.450	ug/L	95
46) Tetrachloroethene	8.552	164	82466	49.218	ug/L	97
48) 2-Hexanone	8.681	43	281788	83.564	ug/L	98
49) Dibromochloromethane	8.810	129	136576	55.531	ug/L	100
50) 1,2-Dibromoethane	8.925	107	126911	52.424	ug/L	99
51) Chlorobenzene	9.446	112	299908	50.828	ug/L	97
52) Ethylbenzene	9.568	91	490510	50.283	ug/L	99
53) m,p-Xylene	9.694	106	190750	50.658	ug/L	98
54) o-Xylene	10.099	106	192976	50.940	ug/L	98
55) Styrene	10.112	104	321945	52.269	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.781	83	195141	45.463	ug/L #	99
59) Bromoform	10.292	173	106961	51.005	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	169161	43.826	ug/L	95
61) Isopropylbenzene	10.485	105	491076	47.395	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	276828	48.467	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	430429	50.601	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	233224	47.726	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	238372	48.653	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	243610	48.714	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	61474	54.340	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	164195	47.522	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	152324	50.765	ug/L	98
71) Naphthalene	14.086	128	573539	49.635	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	162792	51.011	ug/L	99

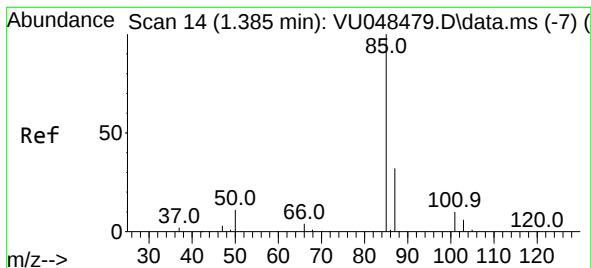
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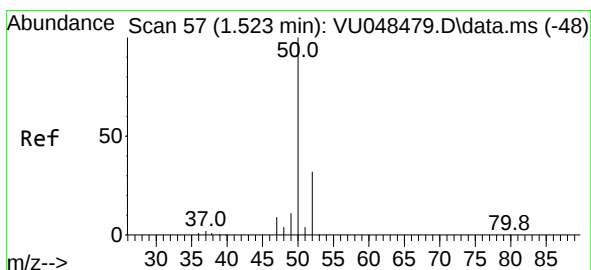
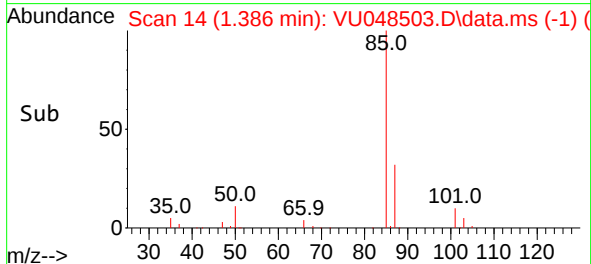
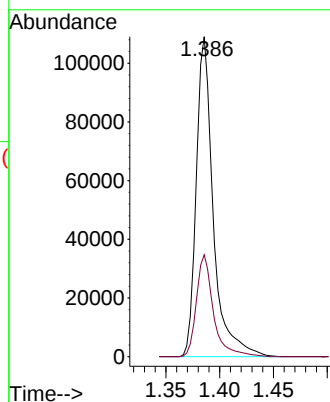
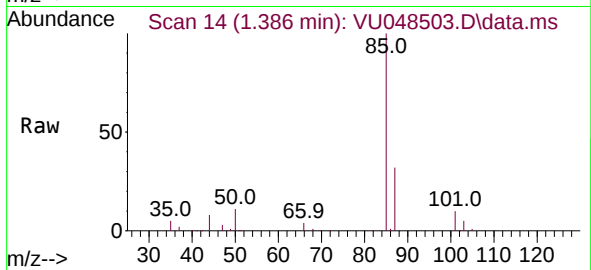




#2
Dichlorodifluoromethane
Concen: 49.154 ug/L
RT: 1.386 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

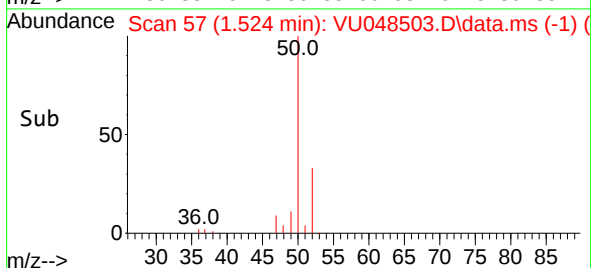
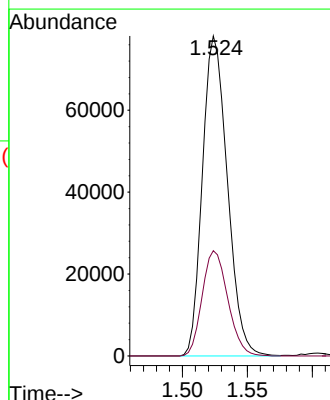
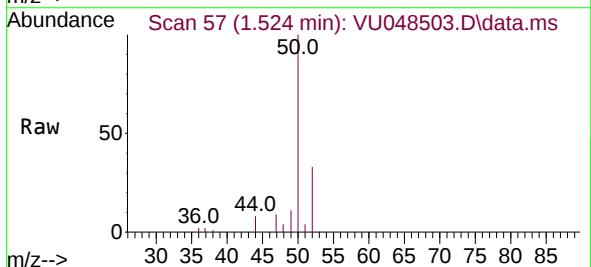
Instrument :
MSVOA_U
ClientSampleId :

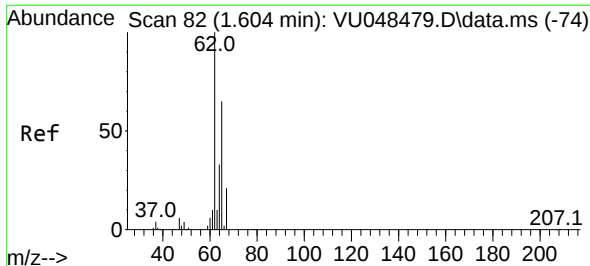
Tgt Ion: 85 Resp: 119931
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.4



#3
Chloromethane
Concen: 37.449 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

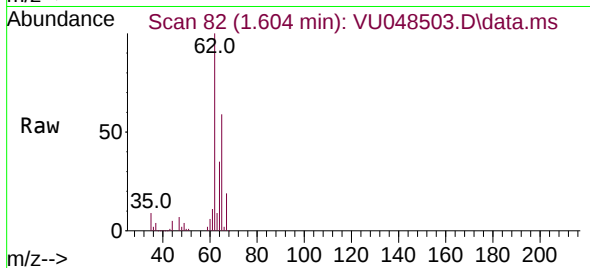
Tgt Ion: 50 Resp: 104514
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8



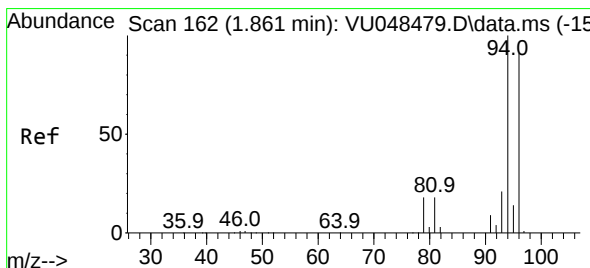
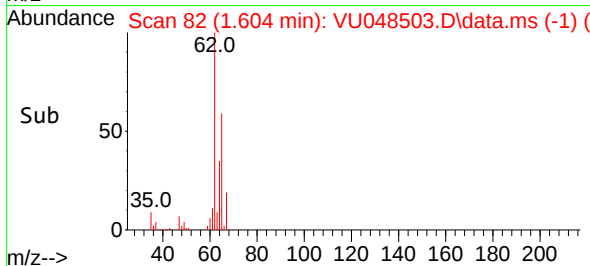
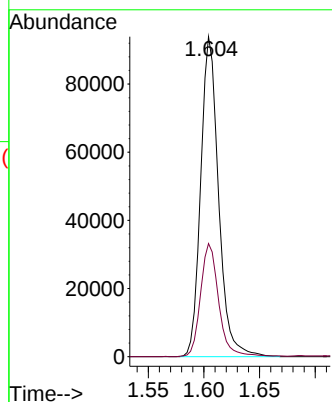


#5
 Vinyl chloride
 Concen: 39.518 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048503.D
 Acq: 10 May 2022 19:54

Instrument :
 MSVOA_U
 ClientSampleId :

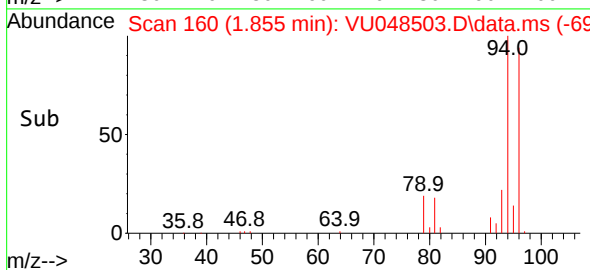
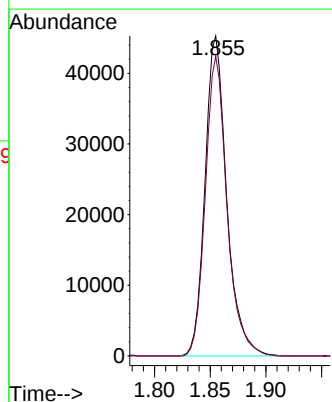
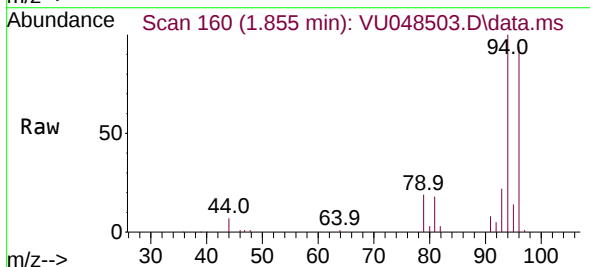


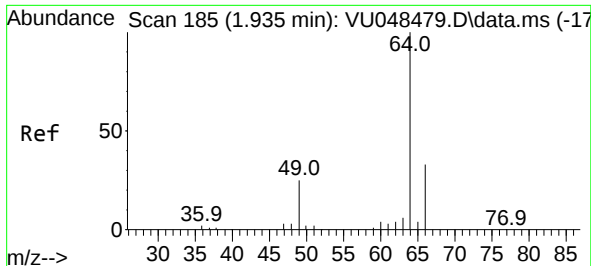
Tgt Ion: 62 Resp: 104774
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.2 43.0



#6
 Bromomethane
 Concen: 46.835 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.006 min
 Lab File: VU048503.D
 Acq: 10 May 2022 19:54

Tgt Ion: 94 Resp: 61407
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.5 123.5

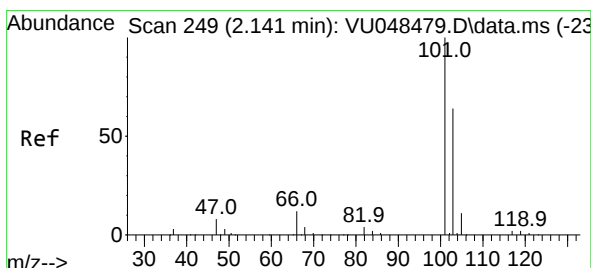
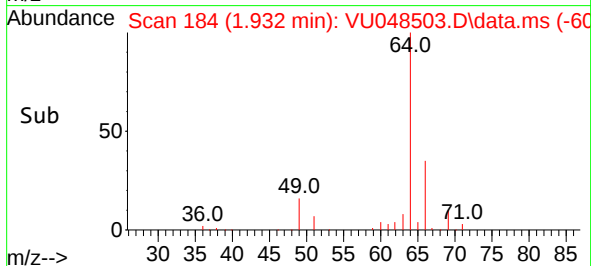
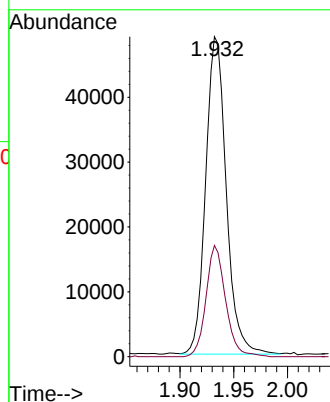
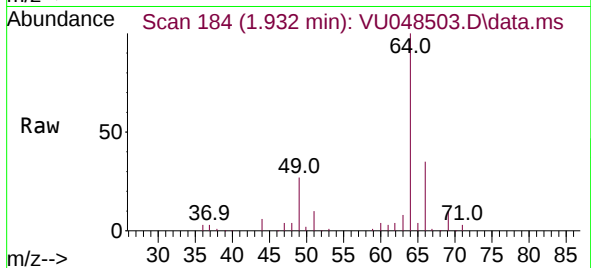




#8
Chloroethane
Concen: 45.767 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

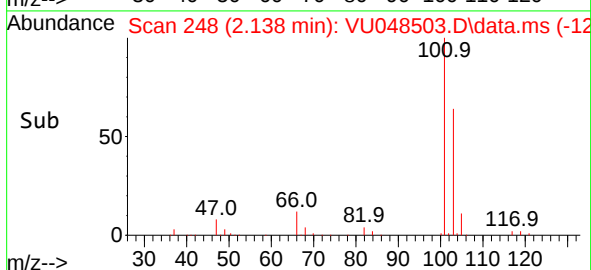
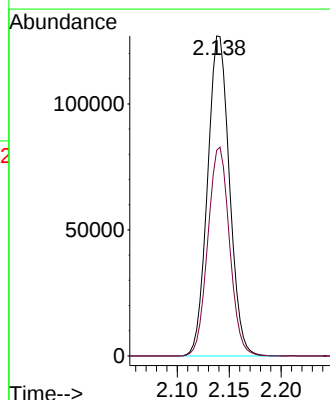
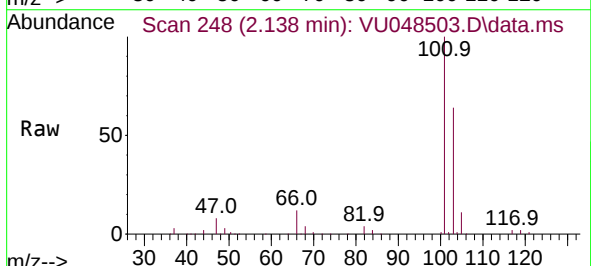
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MSVOA_U
ClientSampleId :

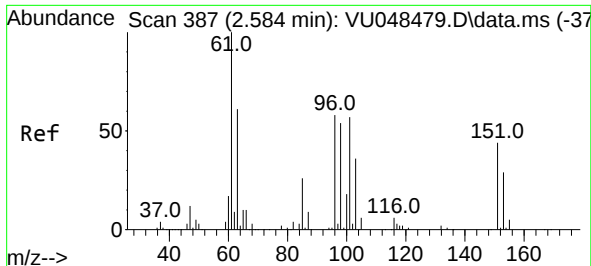
Tgt Ion: 64 Resp: 65237
Ion Ratio Lower Upper
64 100
66 34.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 53.435 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion:101 Resp: 186138
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

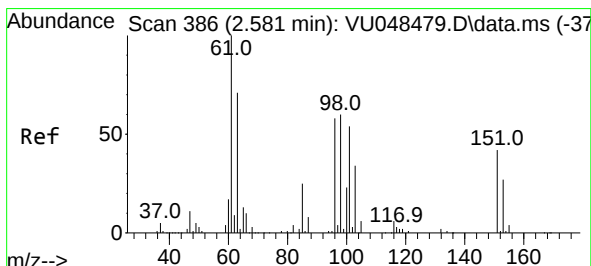
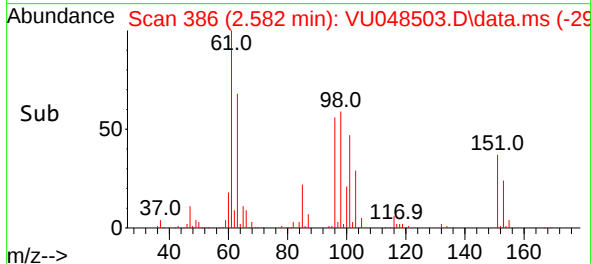
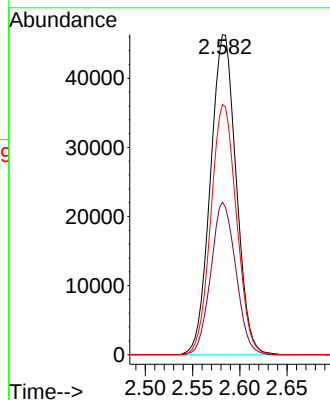
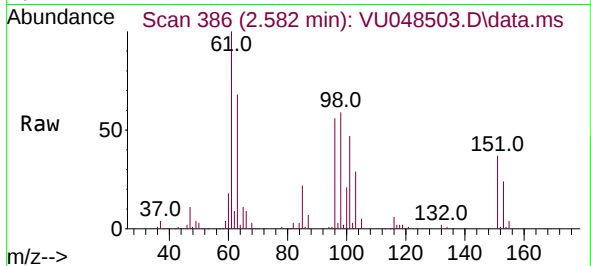




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.826 ug/L
 RT: 2.582 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU048503.D
 Acq: 10 May 2022 19:54

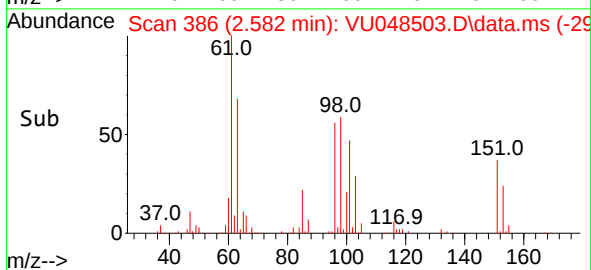
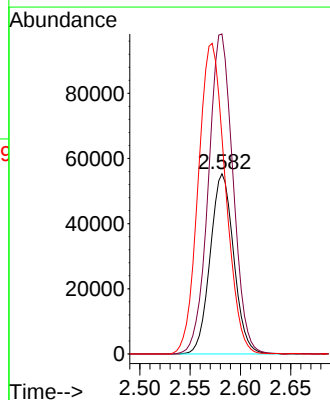
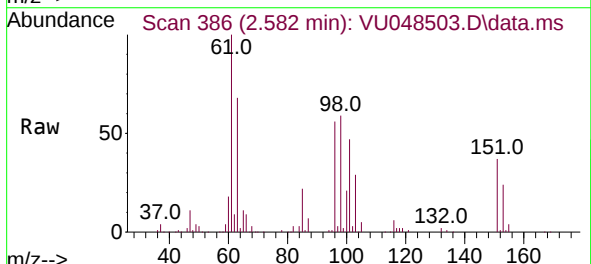
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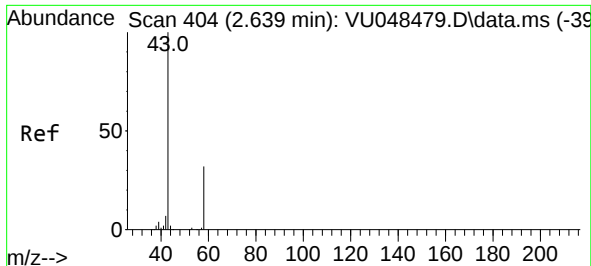
Tgt Ion:101 Resp: 87608
 Ion Ratio Lower Upper
 101 100
 85 46.3 34.8 52.2
 151 78.0 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 47.645 ug/L
 RT: 2.582 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU048503.D
 Acq: 10 May 2022 19:54

Tgt Ion: 96 Resp: 90048
 Ion Ratio Lower Upper
 96 100
 61 177.6 124.5 231.3
 63 120.4 92.5 171.9





#13

Acetone

Concen: 81.906 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.016 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

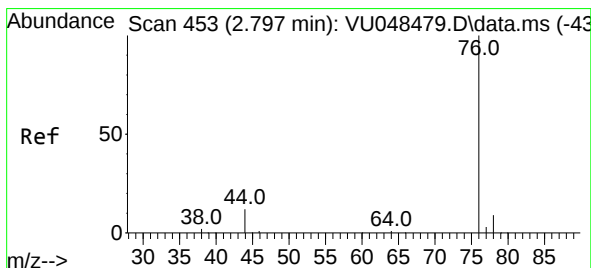
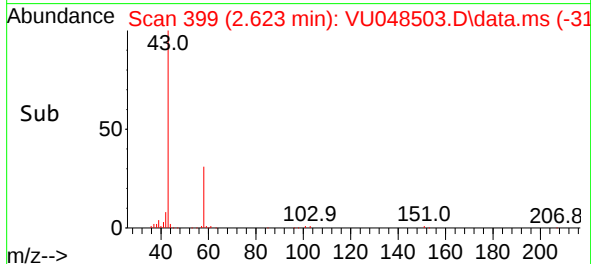
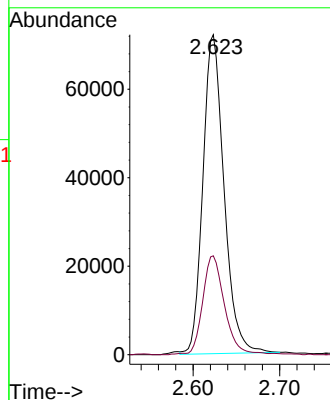
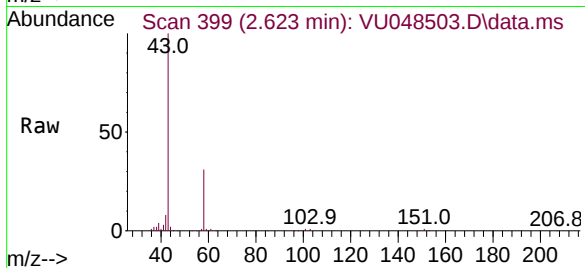
ClientSampleId :

Tgt Ion: 43 Resp: 122160

Ion Ratio Lower Upper

43 100

58 31.0 0.0 66.2



#14

Carbon disulfide

Concen: 44.704 ug/L

RT: 2.794 min Scan# 452

Delta R.T. -0.003 min

Lab File: VU048503.D

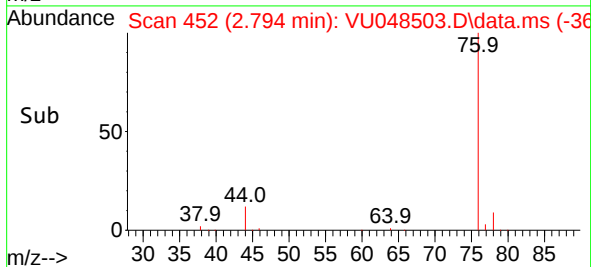
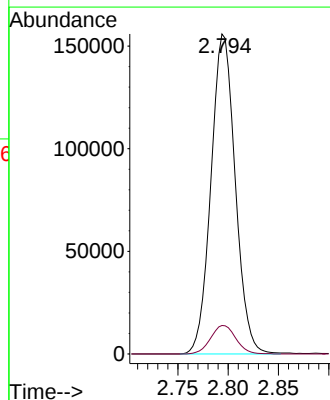
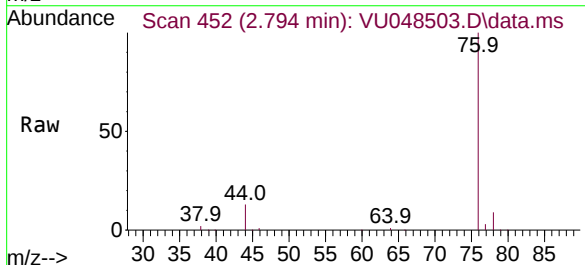
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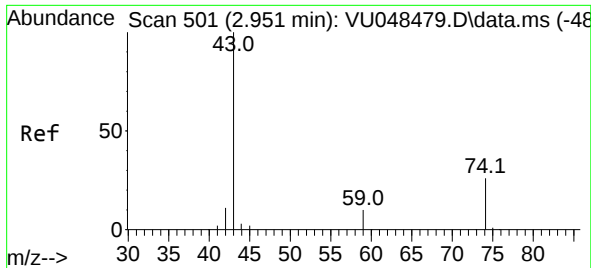
Tgt Ion: 76 Resp: 261879

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

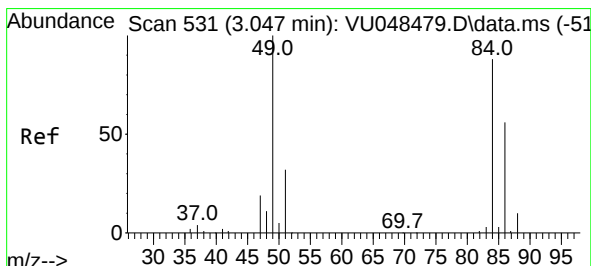
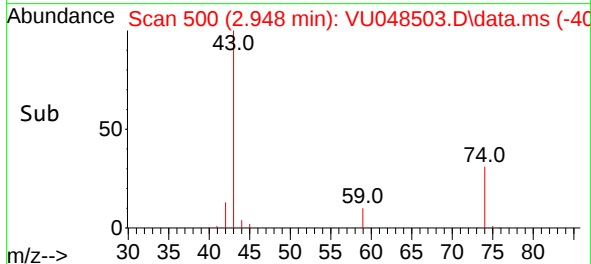
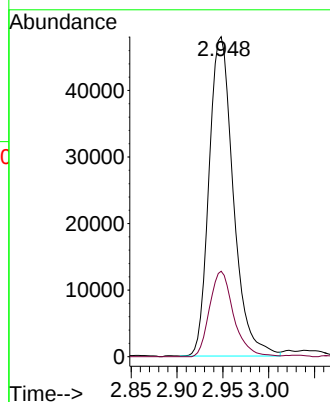
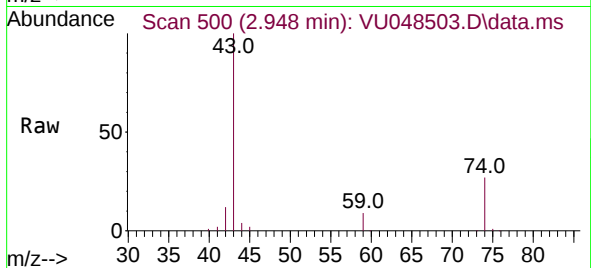




#15
Methyl Acetate
Concen: 28.908 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

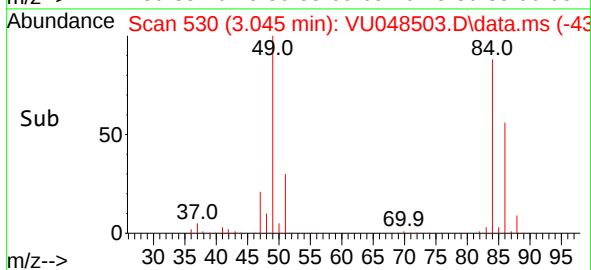
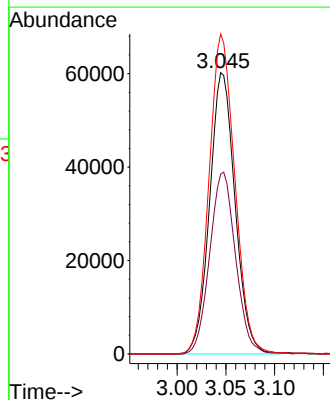
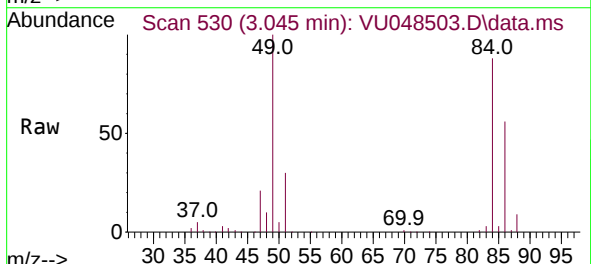
Instrument :
MSVOA_U
ClientSampleId :

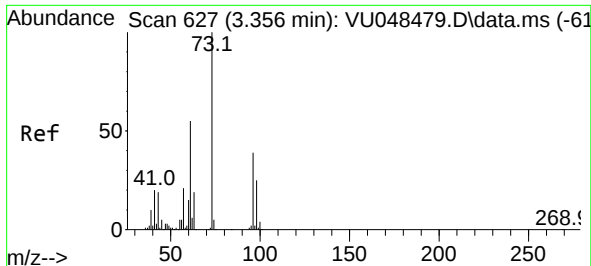
Tgt Ion: 43 Resp: 88325
Ion Ratio Lower Upper
43 100
74 26.5 17.6 26.4#



#16
Methylene chloride
Concen: 47.343 ug/L
RT: 3.045 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion: 84 Resp: 109420
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 113.8 92.0 170.8





#17

trans-1,2-Dichloroethene

Concen: 49.486 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

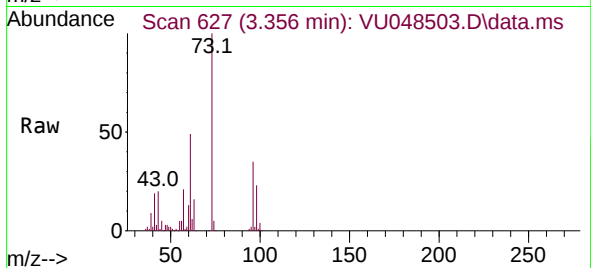
Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :



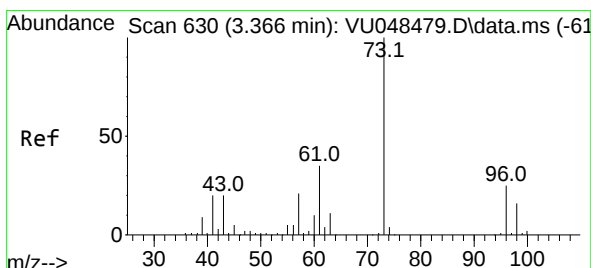
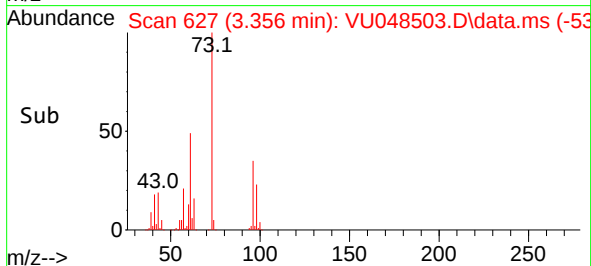
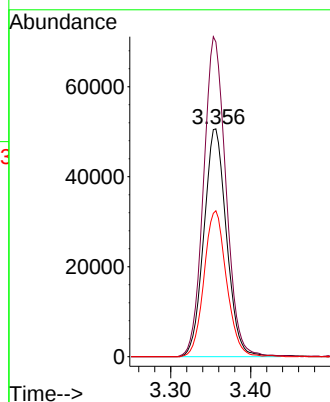
Tgt Ion: 96 Resp: 99783

Ion Ratio Lower Upper

96 100

61 138.2 101.2 187.8

98 64.0 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 52.110 ug/L

RT: 3.363 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

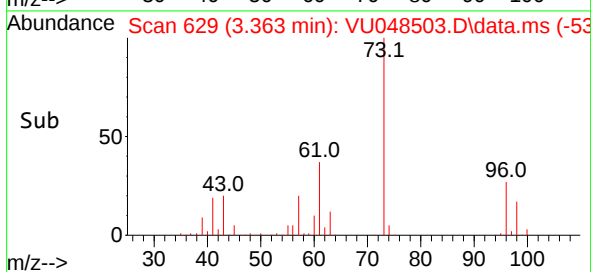
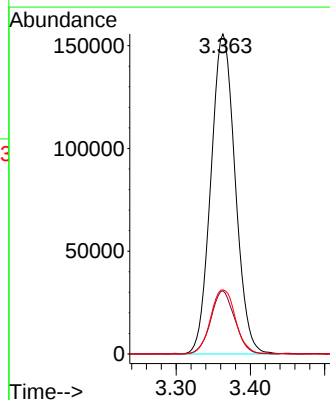
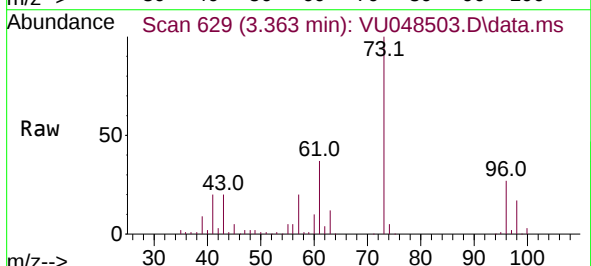
Tgt Ion: 73 Resp: 353850

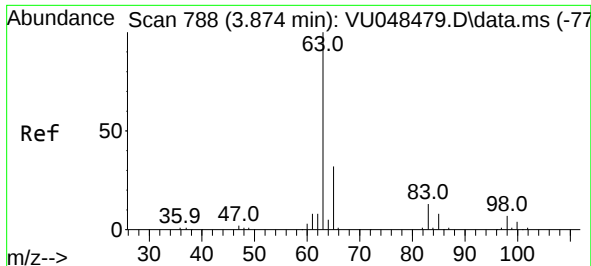
Ion Ratio Lower Upper

73 100

43 19.6 15.6 23.4

57 20.7 18.1 27.1





#19

1,1-Dichloroethane

Concen: 46.790 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.003 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

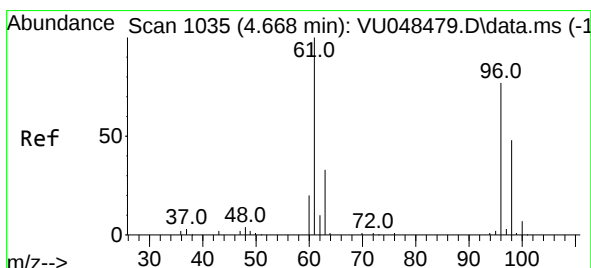
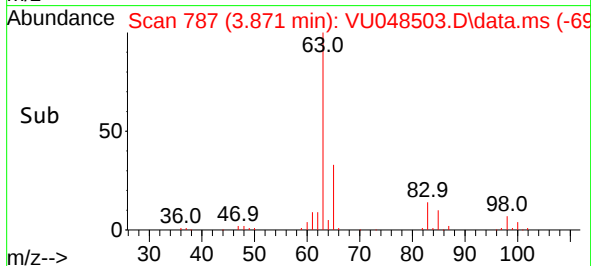
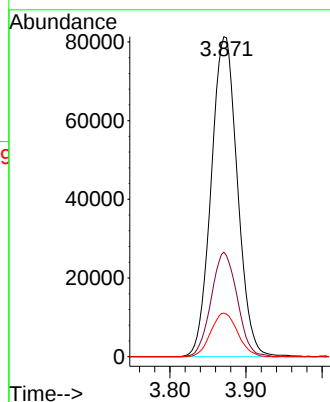
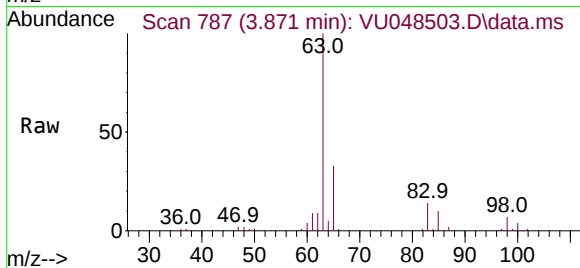
Tgt Ion: 63 Resp: 194539

Ion Ratio Lower Upper

63 100

65 32.6 22.0 41.0

83 13.6 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 50.434 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

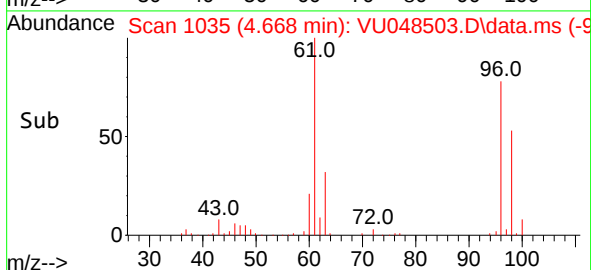
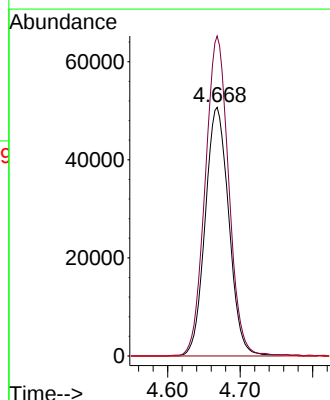
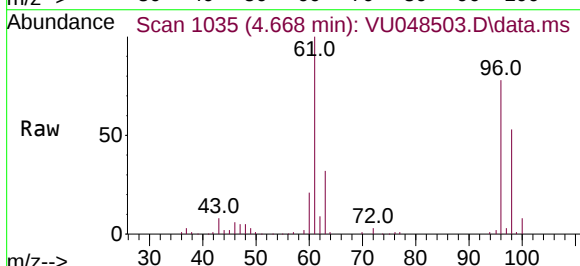
Tgt Ion: 96 Resp: 114757

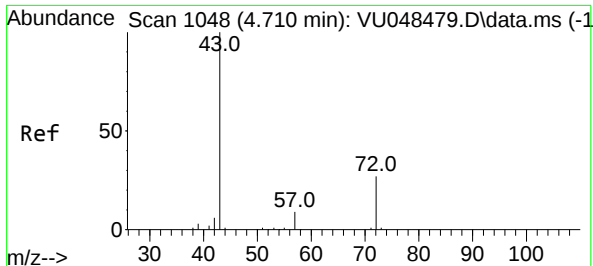
Ion Ratio Lower Upper

96 100

61 128.7 96.2 178.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 82.224 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.012 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

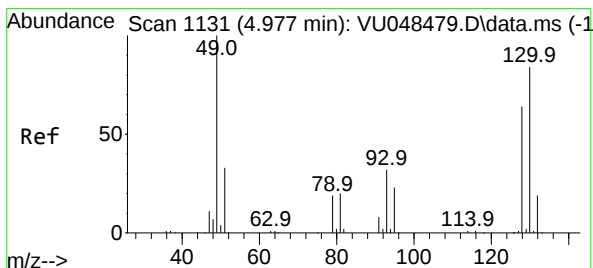
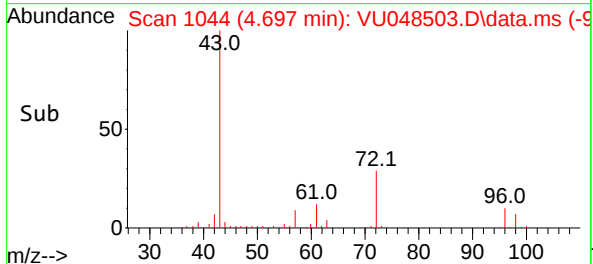
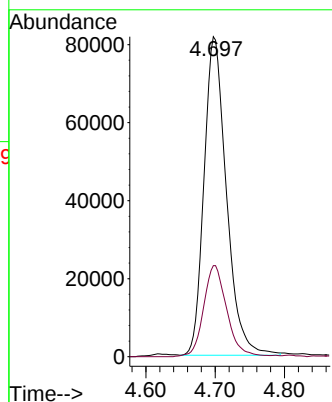
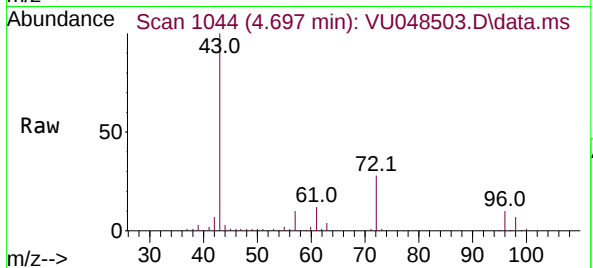
ClientSampleId :

Tgt Ion: 43 Resp: 183319

Ion Ratio Lower Upper

43 100

72 29.6 13.3 39.9



#23

Bromochloromethane

Concen: 51.700 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Tgt Ion:128 Resp: 61995

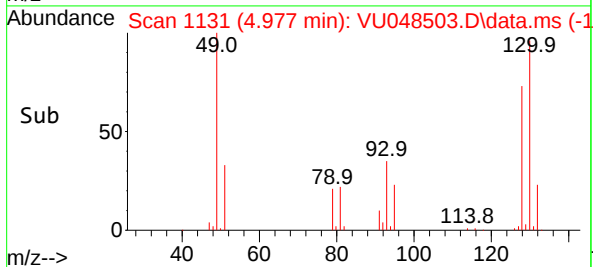
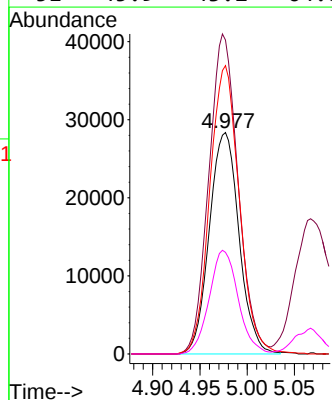
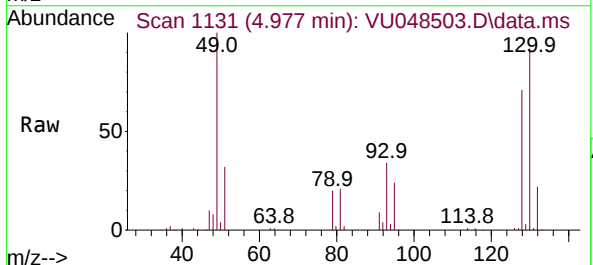
Ion Ratio Lower Upper

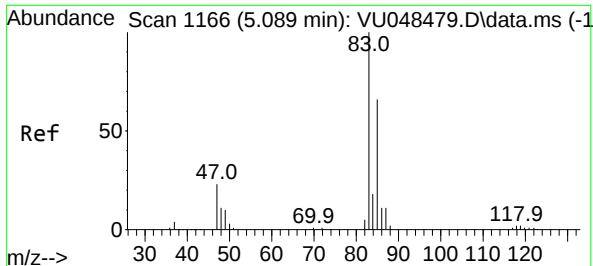
128 100

49 141.7 123.1 228.7

130 130.2 93.6 173.8

51 45.9 43.2 64.8





#25

Chloroform

Concen: 52.911 ug/L

RT: 5.090 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

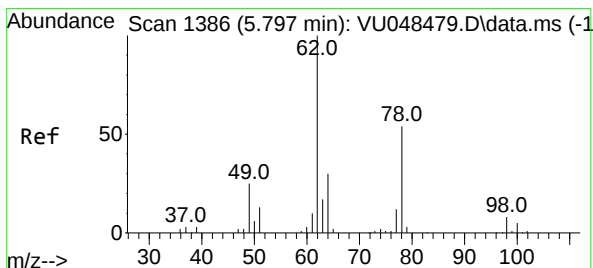
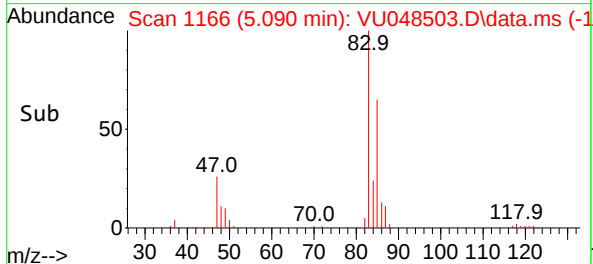
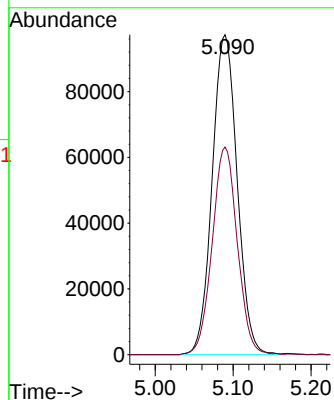
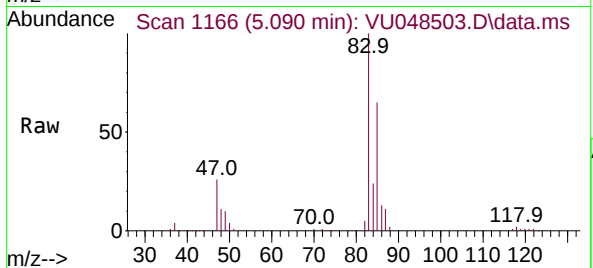
ClientSampleId :

Tgt Ion: 83 Resp: 217234

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 55.225 ug/L

RT: 5.794 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048503.D

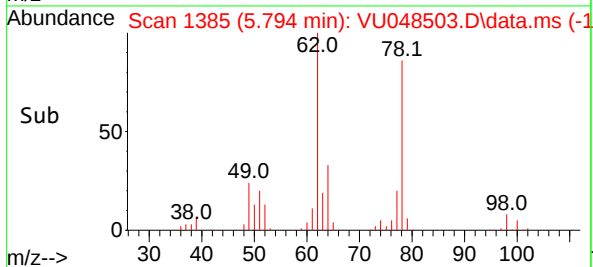
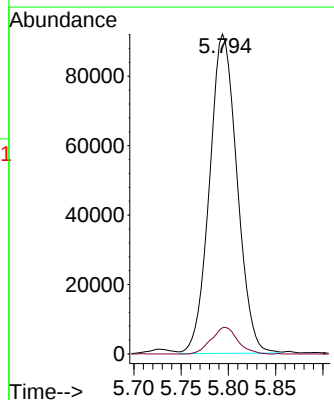
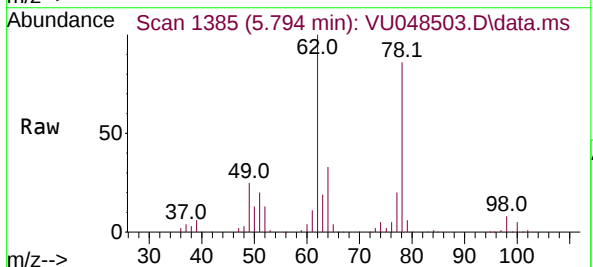
Acq: 10 May 2022 19:54

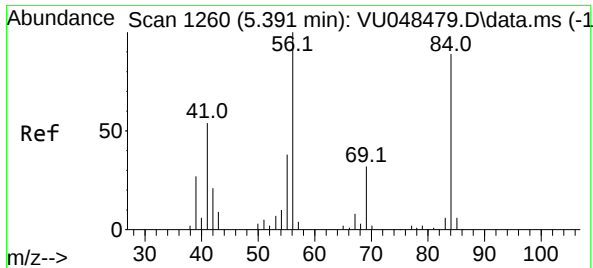
Tgt Ion: 62 Resp: 186417

Ion Ratio Lower Upper

62 100

98 8.2 6.8 10.2





#29

Cyclohexane

Concen: 39.689 ug/L

RT: 5.389 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

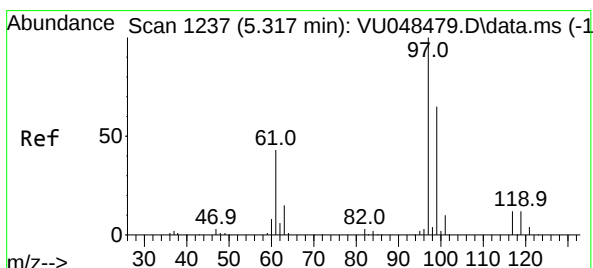
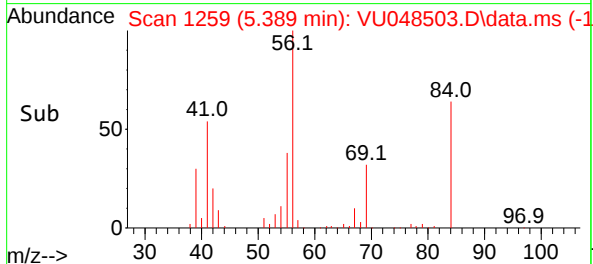
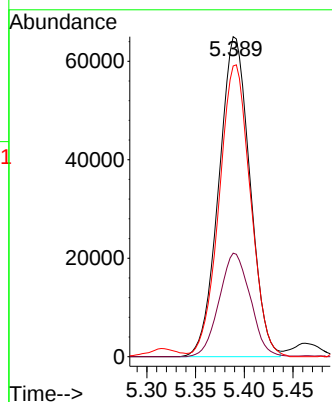
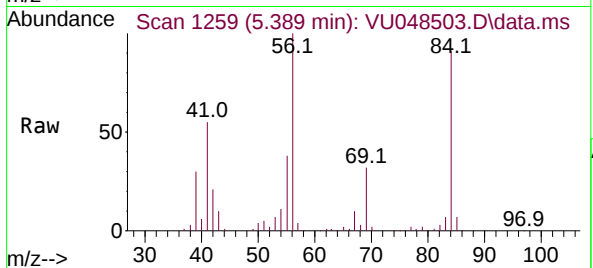
Tgt Ion: 56 Resp: 144328

Ion Ratio Lower Upper

56 100

69 32.4 23.4 35.0

84 91.8 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 55.182 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

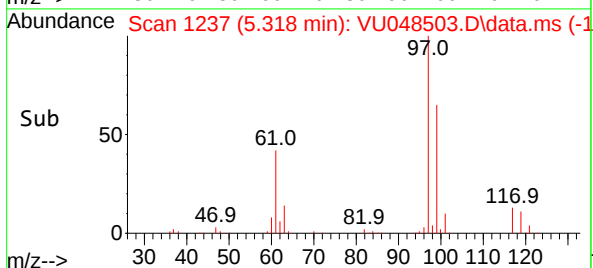
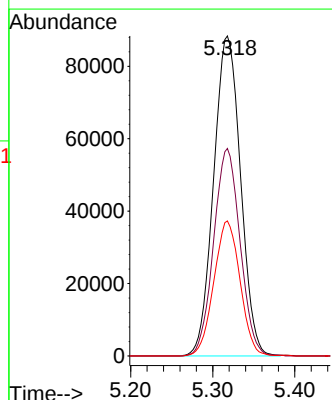
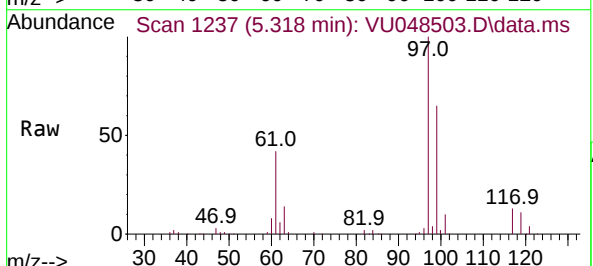
Tgt Ion: 97 Resp: 201951

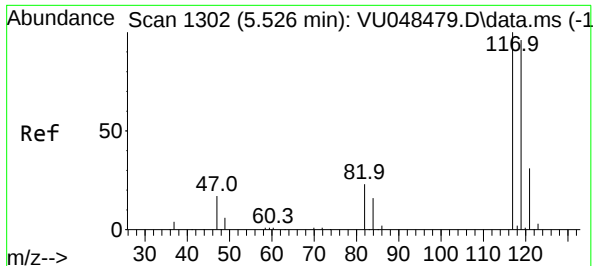
Ion Ratio Lower Upper

97 100

99 63.6 50.5 75.7

61 41.0 35.0 52.4

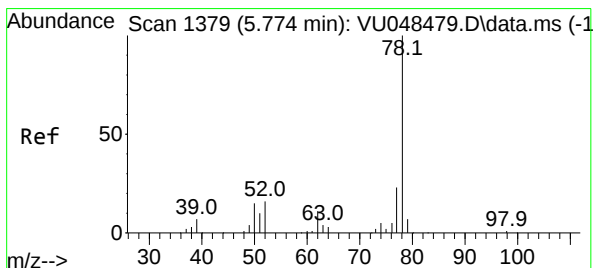
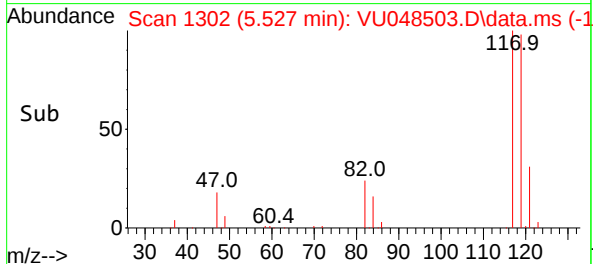
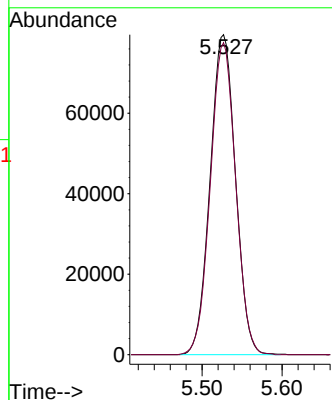
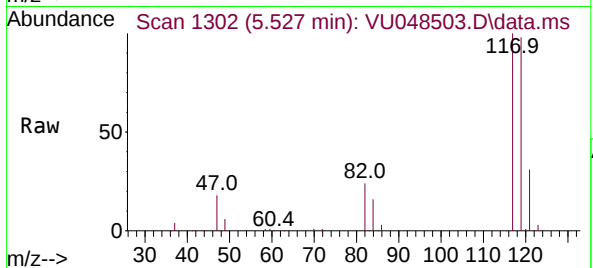




#31
Carbon tetrachloride
Concen: 56.035 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

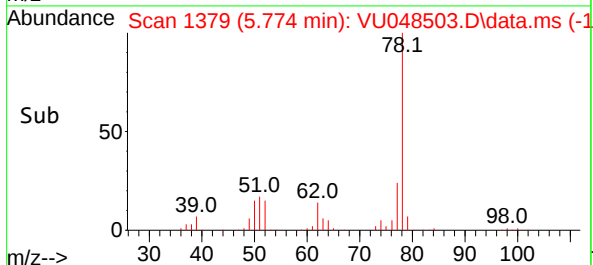
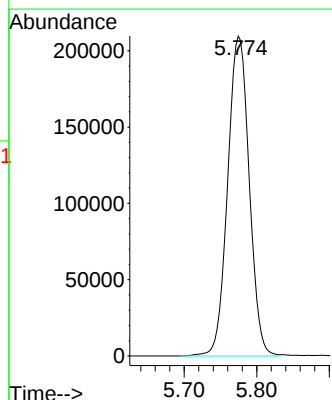
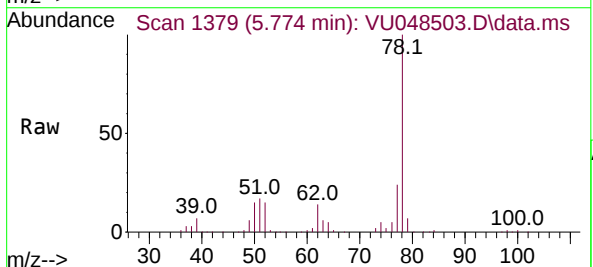
Instrument :
MSVOA_U
ClientSampleId :

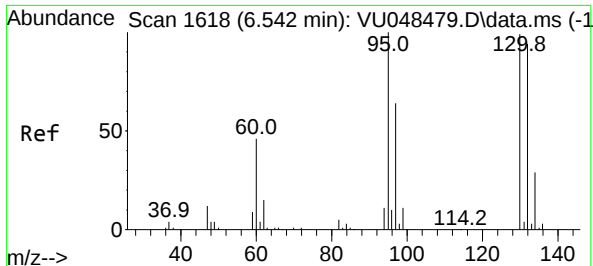
Tgt Ion:117 Resp: 175599
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7



#33
Benzene
Concen: 47.681 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion: 78 Resp: 432633

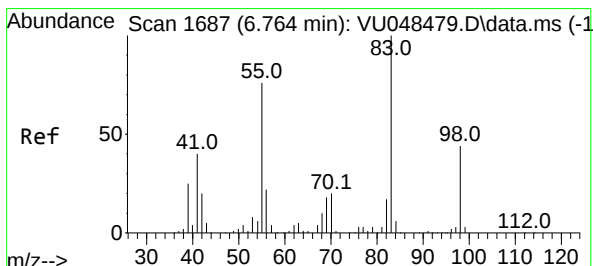
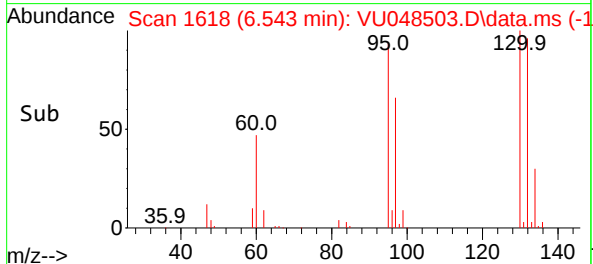
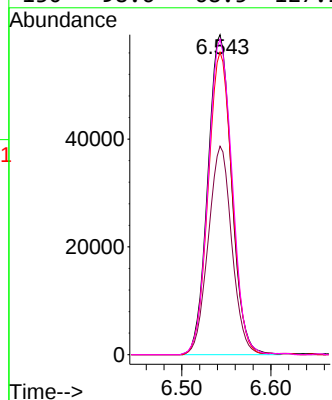
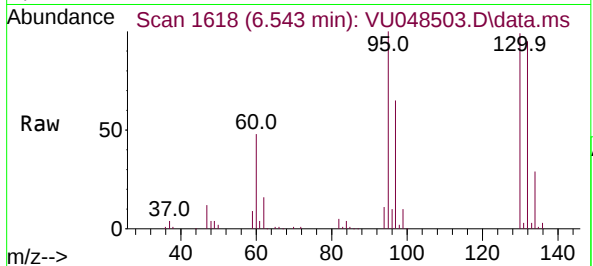




#34
Trichloroethene
Concen: 49.246 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

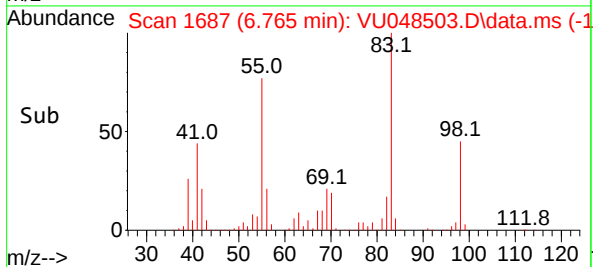
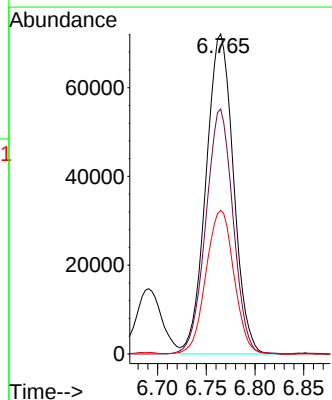
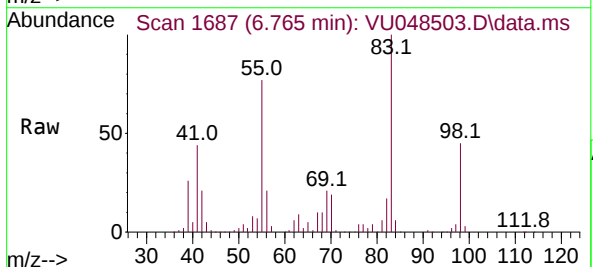
Instrument :
MSVOA_U
ClientSampleId :

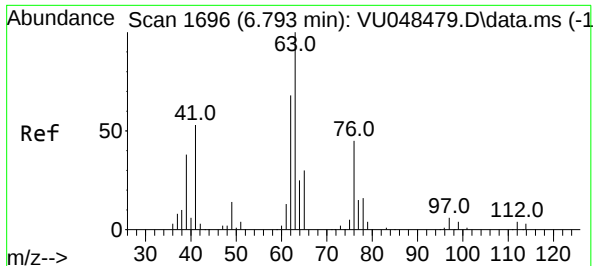
Tgt Ion: 95 Resp: 109835
Ion Ratio Lower Upper
95 100
97 65.1 46.6 86.6
132 94.6 67.3 124.9
130 98.6 68.5 127.1



#35
Methylcyclohexane
Concen: 39.658 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion: 83 Resp: 141125
Ion Ratio Lower Upper
83 100
55 76.1 63.4 95.2
98 45.9 35.9 53.9





#37

1,2-Dichloropropane

Concen: 44.091 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

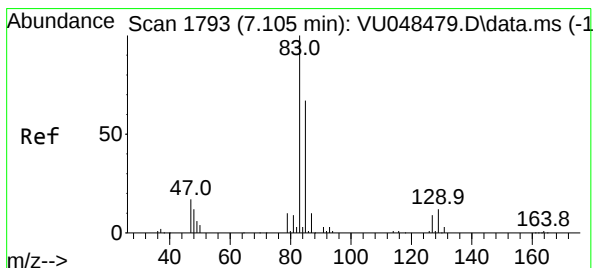
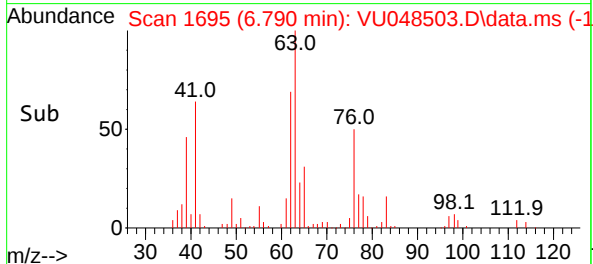
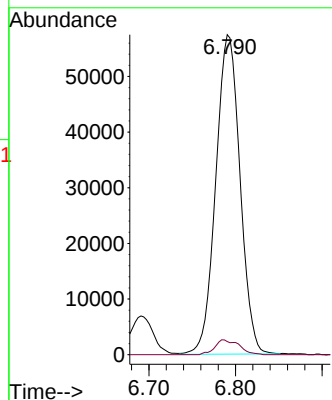
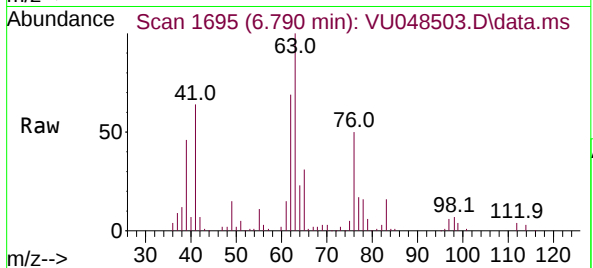
ClientSampleId :

Tgt Ion: 63 Resp: 111658

Ion Ratio Lower Upper

63 100

112 2.8 3.1 4.7#



#38

Bromodichloromethane

Concen: 54.861 ug/L

RT: 7.106 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

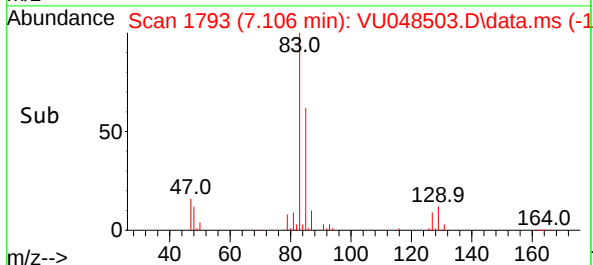
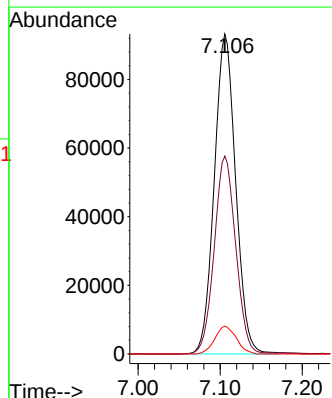
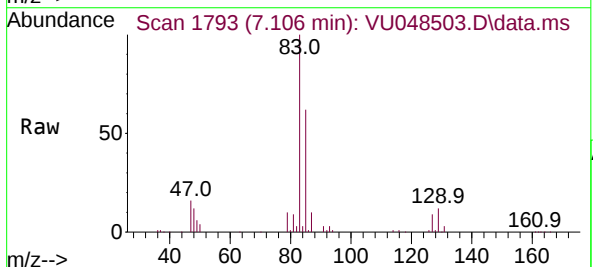
Tgt Ion: 83 Resp: 169164

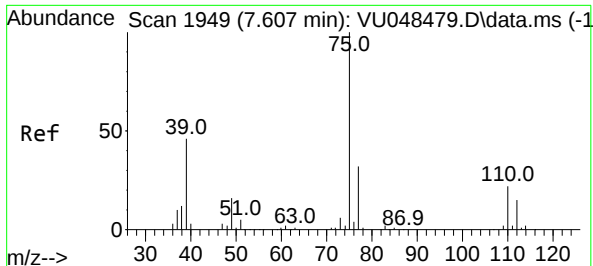
Ion Ratio Lower Upper

83 100

85 61.8 45.5 84.5

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 35.535 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

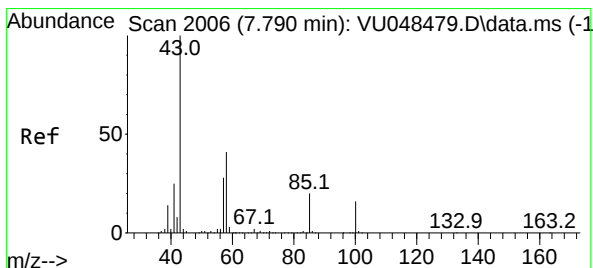
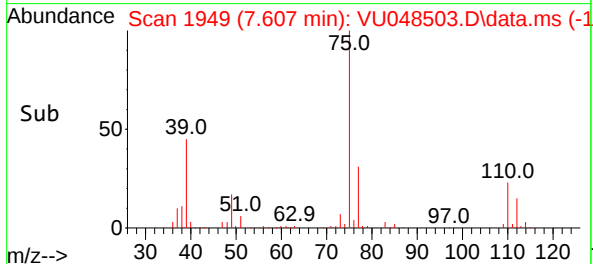
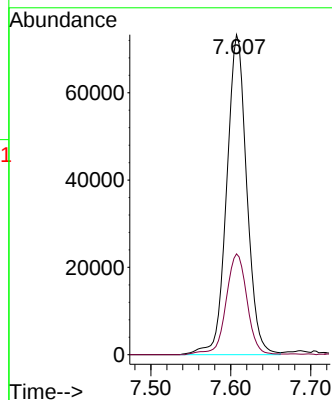
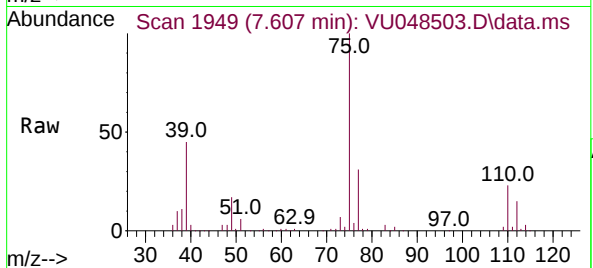
ClientSampleId :

Tgt Ion: 75 Resp: 127998

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 86.837 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

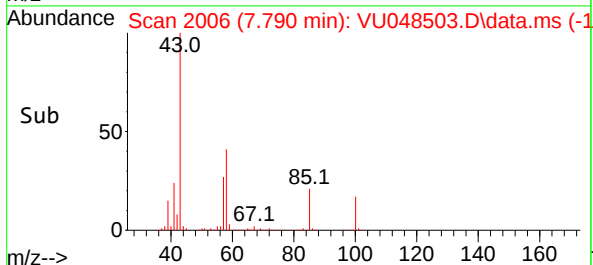
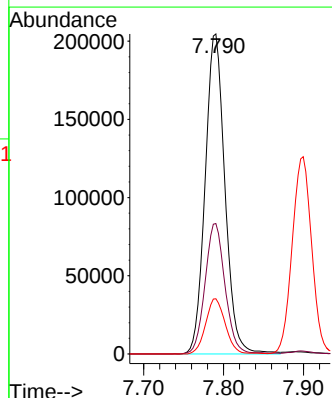
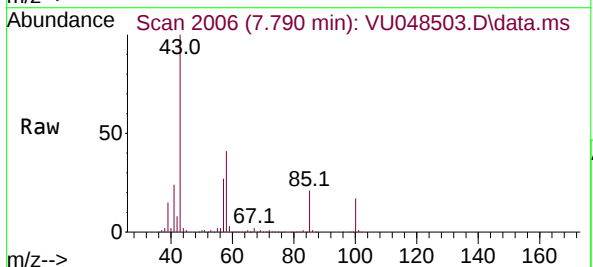
Tgt Ion: 43 Resp: 352351

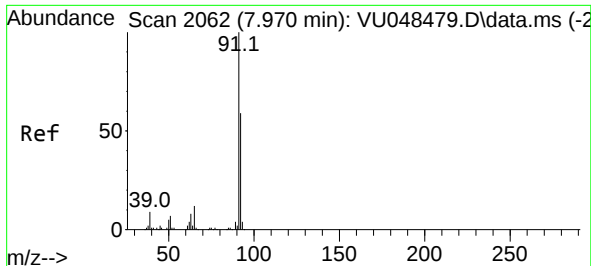
Ion Ratio Lower Upper

43 100

58 41.3 31.0 46.4

100 17.1 11.2 16.8#





#42

Toluene

Concen: 49.279 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

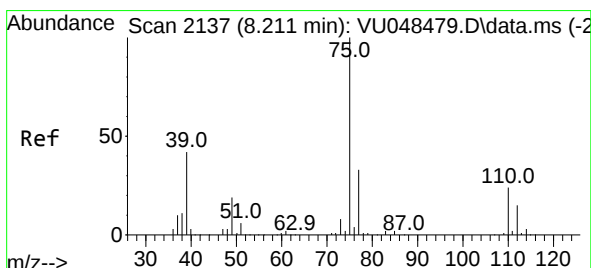
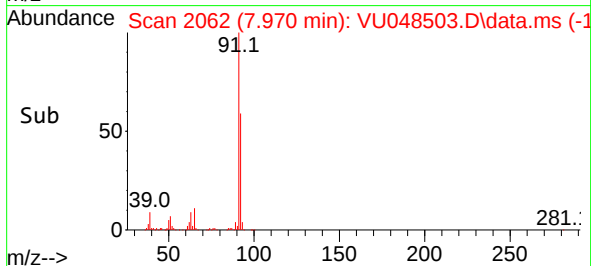
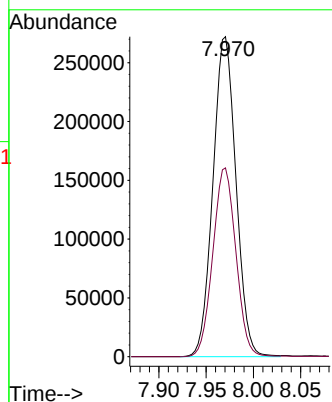
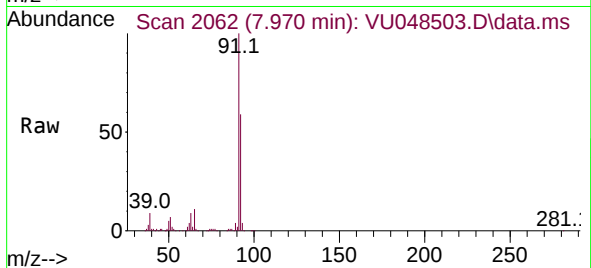
ClientSampleId :

Tgt Ion: 91 Resp: 461481

Ion Ratio Lower Upper

91 100

92 59.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 37.860 ug/L

RT: 8.212 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048503.D

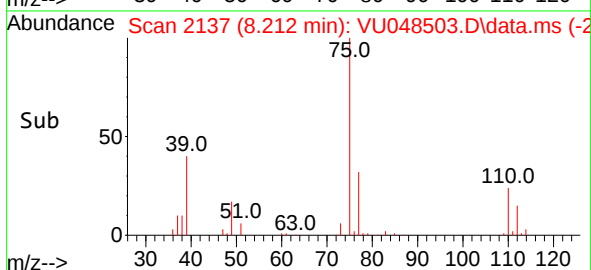
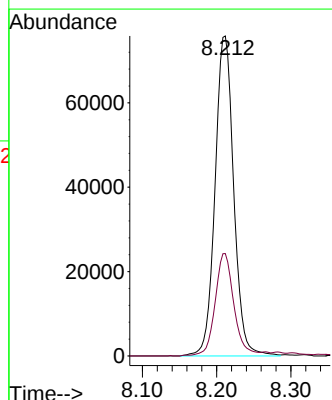
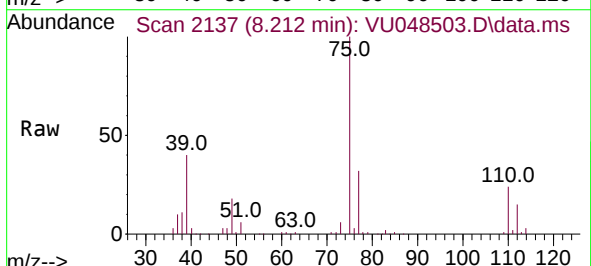
Acq: 10 May 2022 19:54

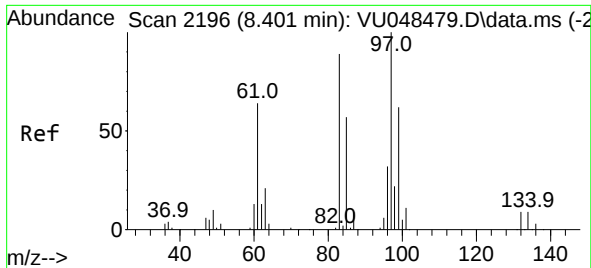
Tgt Ion: 75 Resp: 132525

Ion Ratio Lower Upper

75 100

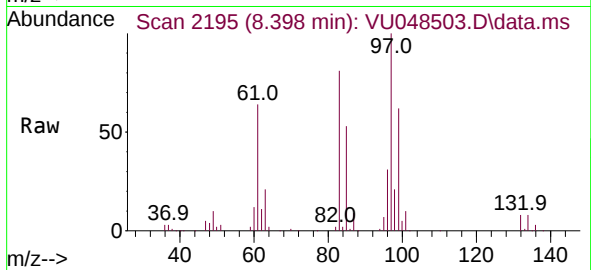
77 32.0 22.6 42.0



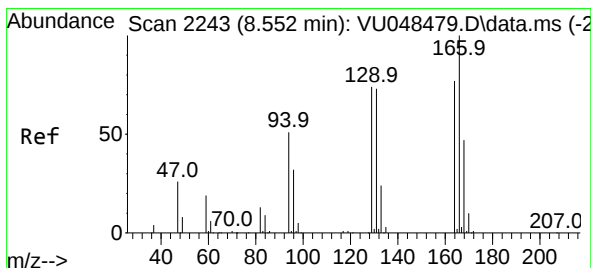
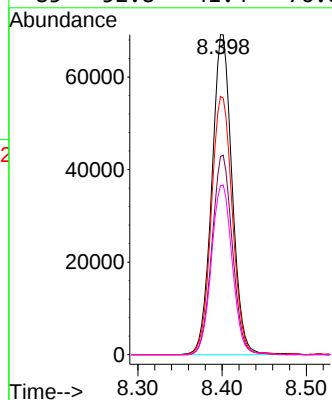
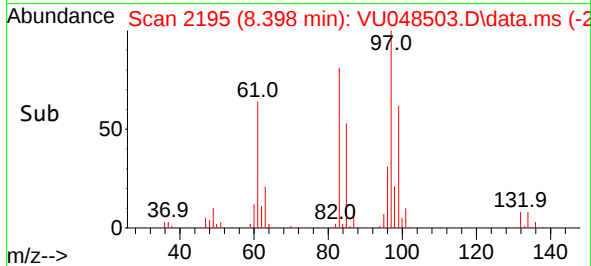


#45
1,1,2-Trichloroethane
Concen: 50.450 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

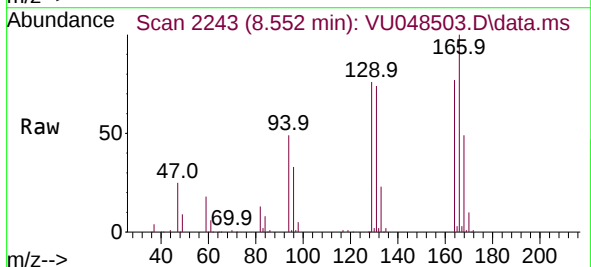
Instrument :
MSVOA_U
ClientSampleId :



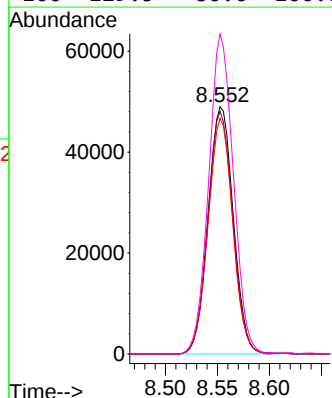
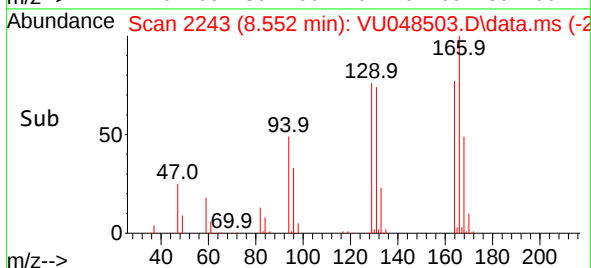
Tgt Ion:	97	Resp:	115539
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.5	80.9
83	80.7	60.5	112.5
85	52.8	41.4	76.8

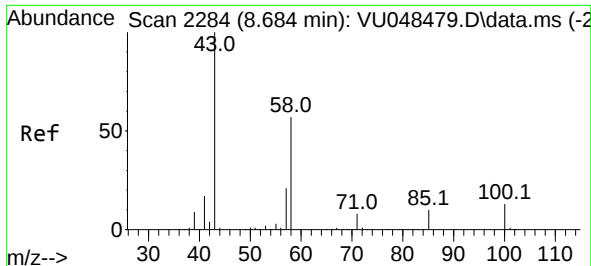


#46
Tetrachloroethene
Concen: 49.218 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54



Tgt Ion:	164	Resp:	82466
Ion	Ratio	Lower	Upper
164	100		
129	98.1	69.2	128.6
131	95.4	65.2	121.0
166	129.5	86.6	160.8

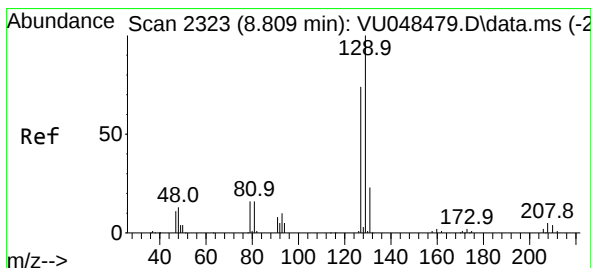
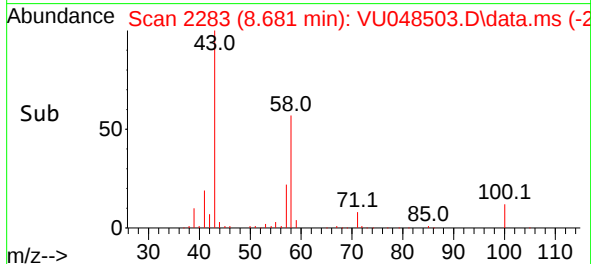
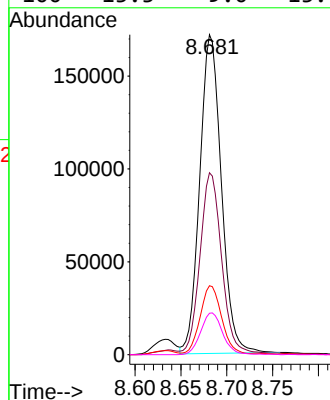
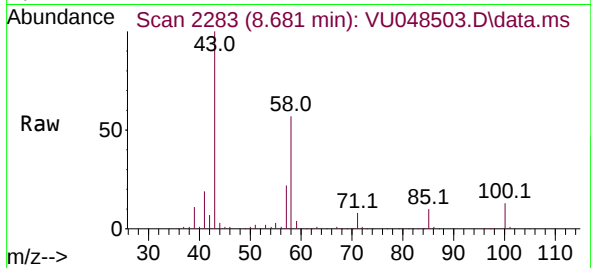




#48
2-Hexanone
Concen: 83.564 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

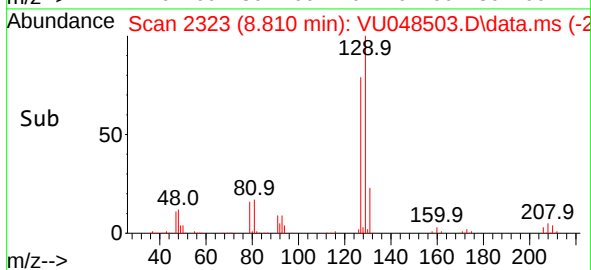
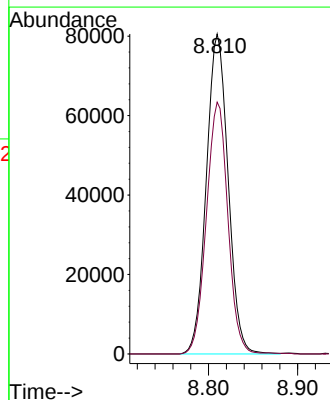
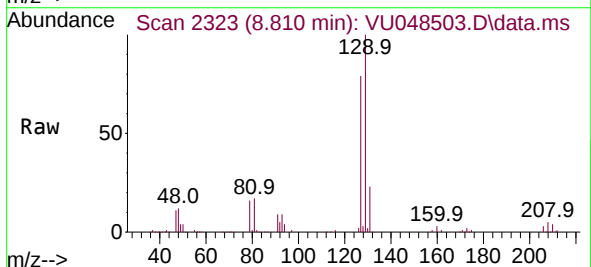
Instrument :
MSVOA_U
ClientSampleId :

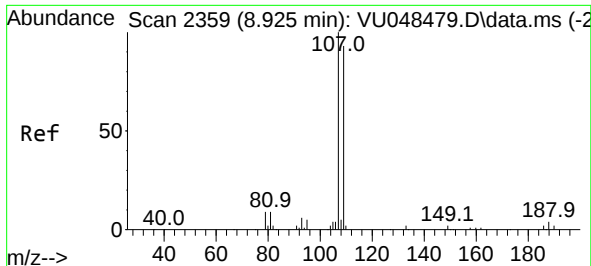
Tgt Ion: 43 Resp: 281788
Ion Ratio Lower Upper
43 100
58 56.3 44.3 66.5
57 20.9 15.7 23.5
100 13.3 9.0 13.4



#49
Dibromochloromethane
Concen: 55.531 ug/L
RT: 8.810 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion:129 Resp: 136576
Ion Ratio Lower Upper
129 100
127 78.7 55.2 102.4





#50

1,2-Dibromoethane

Concen: 52.424 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

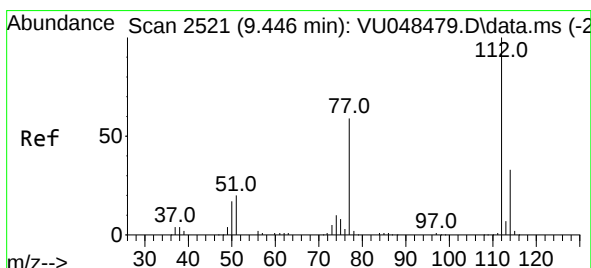
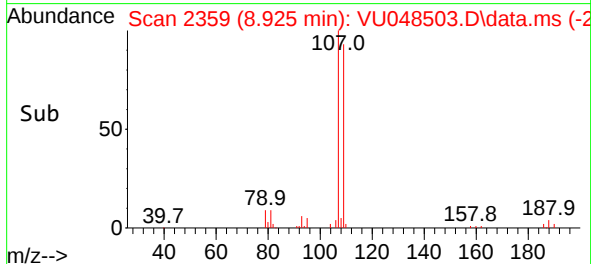
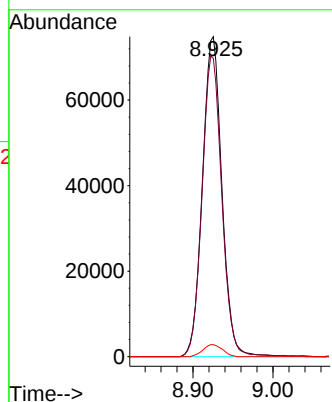
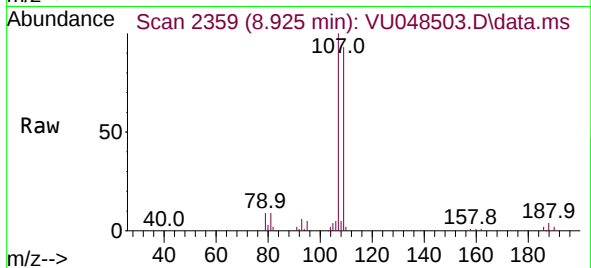
Tgt Ion:107 Resp: 126911

Ion Ratio Lower Upper

107 100

109 93.3 65.7 122.1

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 50.828 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

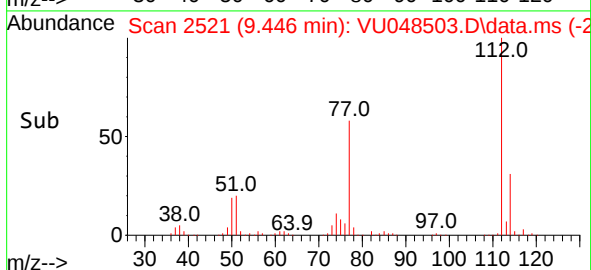
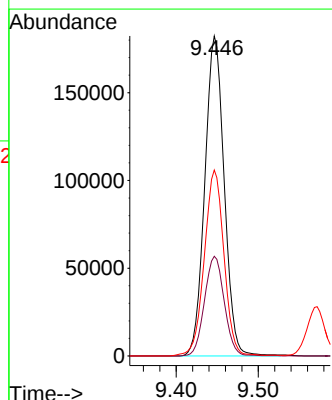
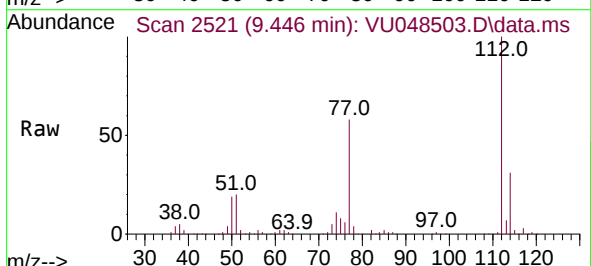
Tgt Ion:112 Resp: 299908

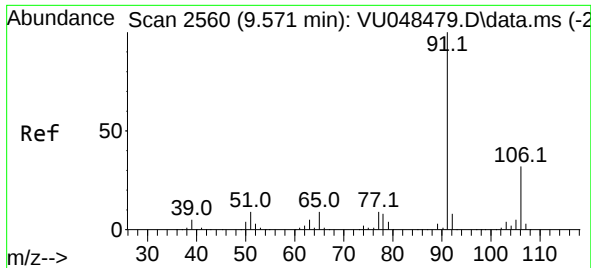
Ion Ratio Lower Upper

112 100

114 31.1 23.0 42.6

77 58.1 48.4 72.6

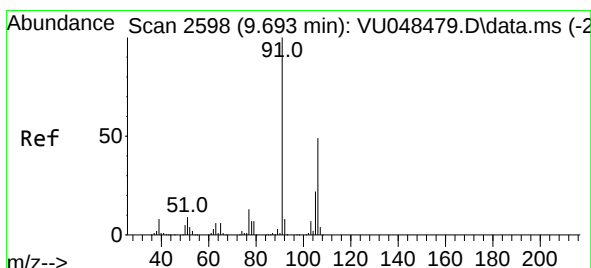
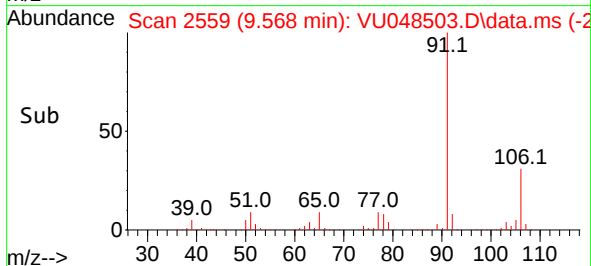
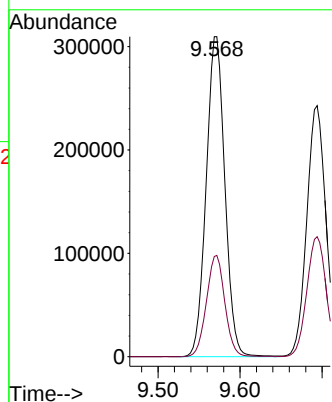
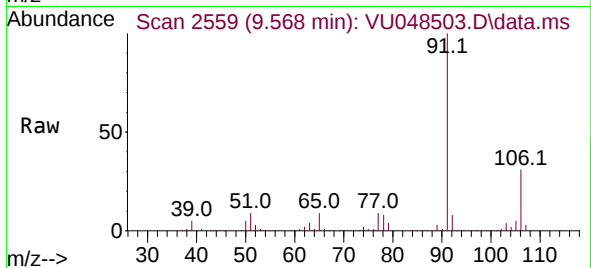




#52
Ethylbenzene
Concen: 50.283 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

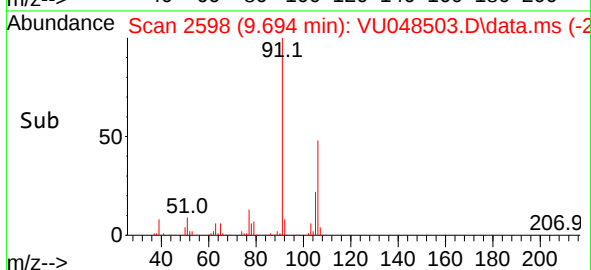
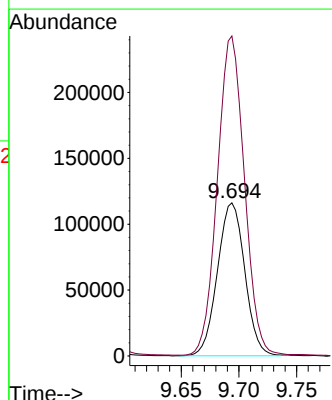
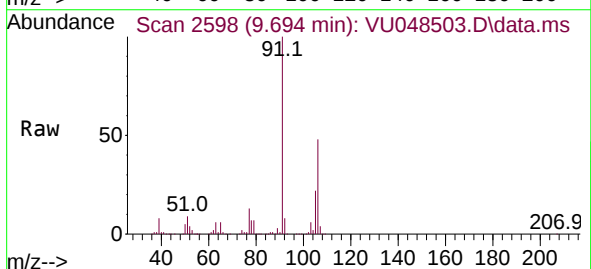
Instrument :
MSVOA_U
ClientSampleId :

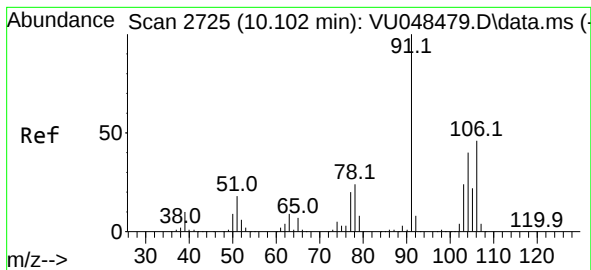
Tgt Ion: 91 Resp: 490510
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#53
m,p-Xylene
Concen: 50.658 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion: 106 Resp: 190750
Ion Ratio Lower Upper
106 100
91 209.1 144.1 267.7





#54

o-Xylene

Concen: 50.940 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

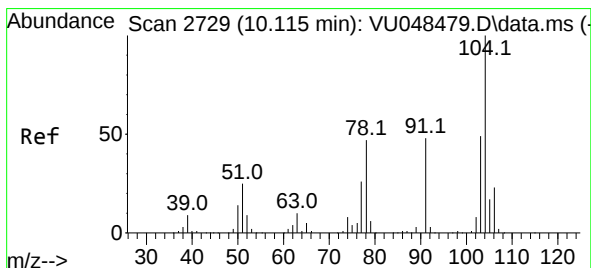
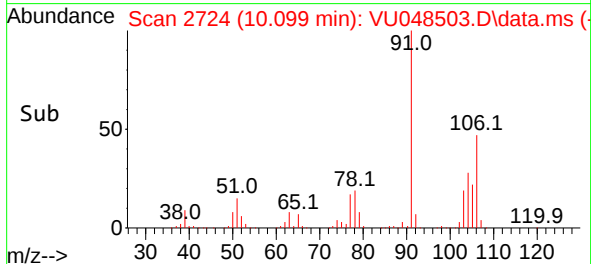
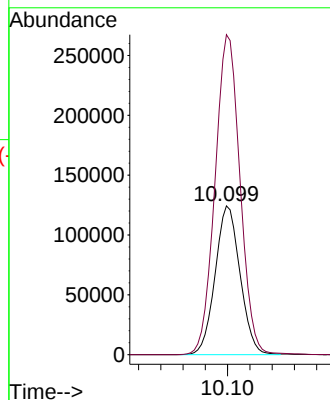
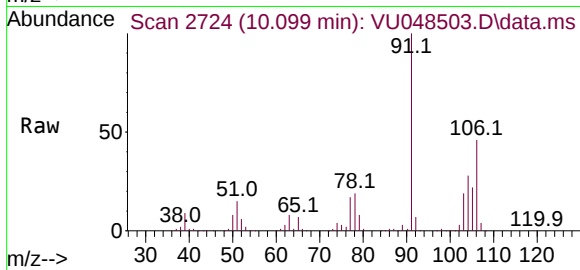
ClientSampleId :

Tgt Ion:106 Resp: 192976

Ion Ratio Lower Upper

106 100

91 215.1 148.8 276.4



#55

Styrene

Concen: 52.269 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU048503.D

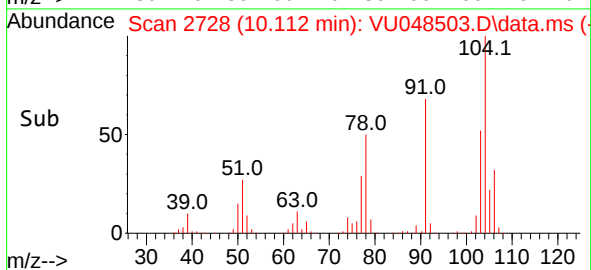
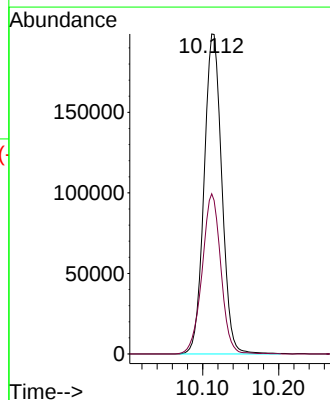
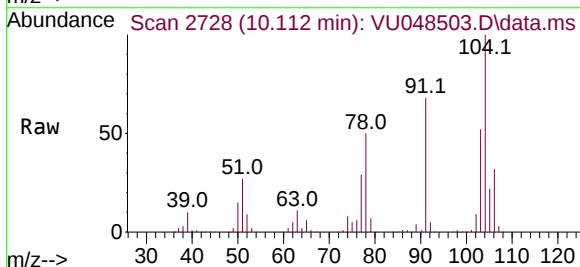
Acq: 10 May 2022 19:54

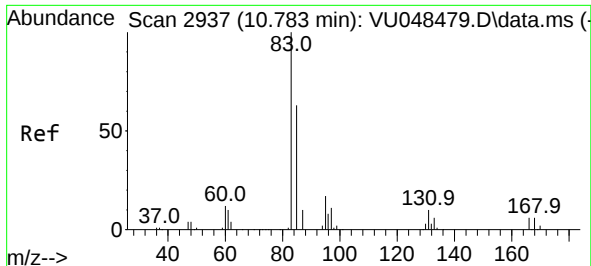
Tgt Ion:104 Resp: 321945

Ion Ratio Lower Upper

104 100

78 50.0 33.4 62.0

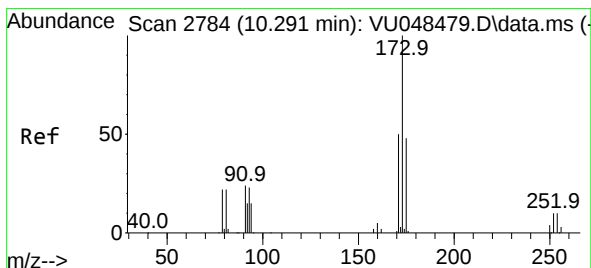
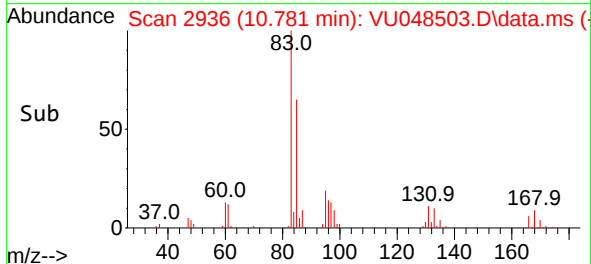
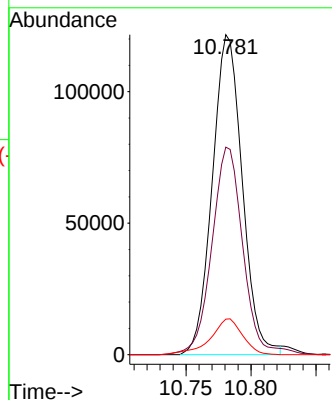
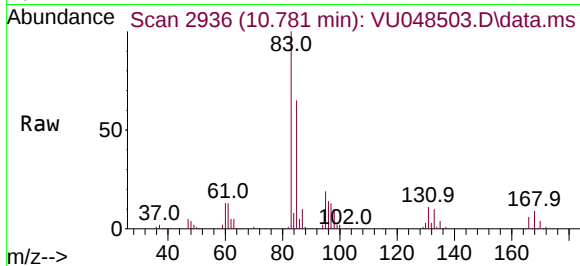




#57
1,1,2,2-Tetrachloroethane
Concen: 45.463 ug/L
RT: 10.781 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

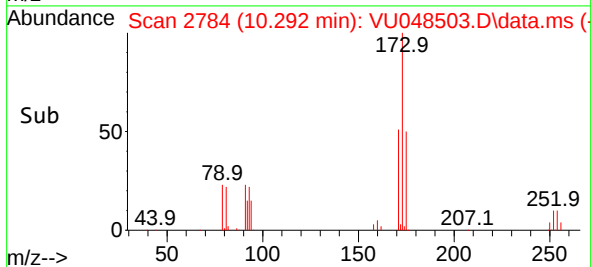
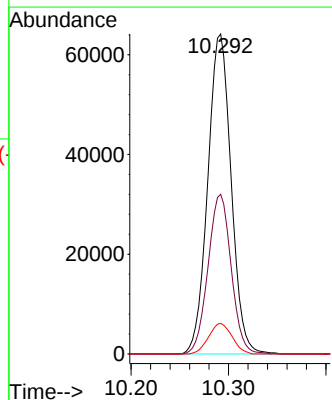
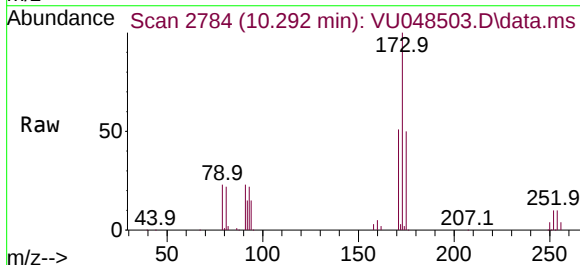
Instrument :
MSVOA_U
ClientSampleId :

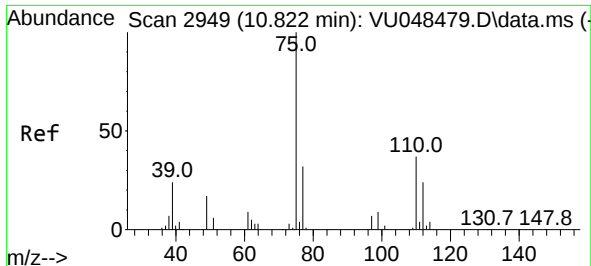
Tgt Ion: 83 Resp: 195141
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4
131 11.1 7.4 11.0#



#59
Bromoform
Concen: 51.005 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion:173 Resp: 106961
Ion Ratio Lower Upper
173 100
175 49.4 39.1 58.7
254 9.6 7.3 10.9

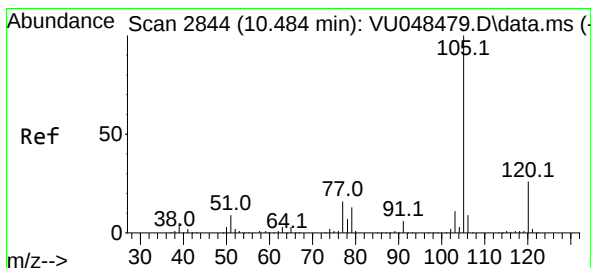
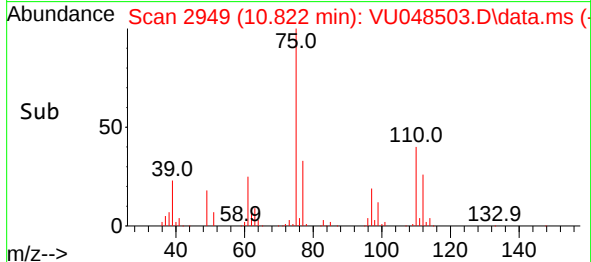
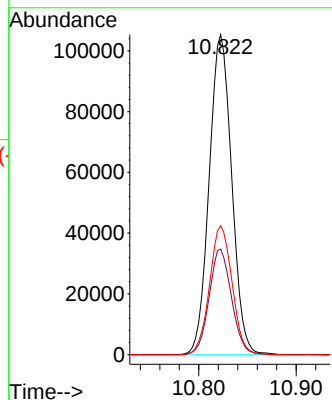
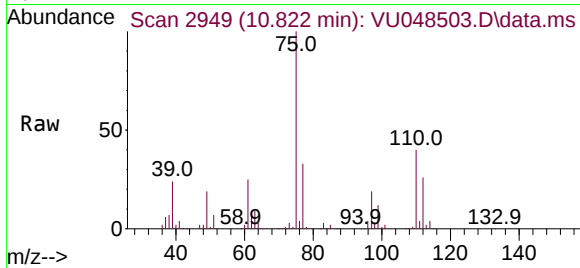




#60
1,2,3-Trichloropropane
Concen: 43.826 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

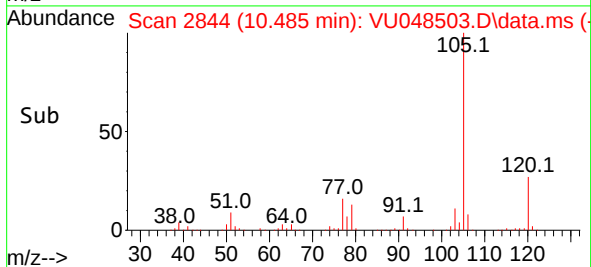
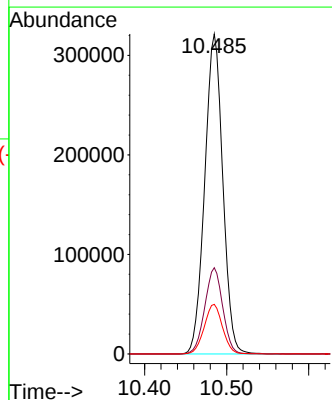
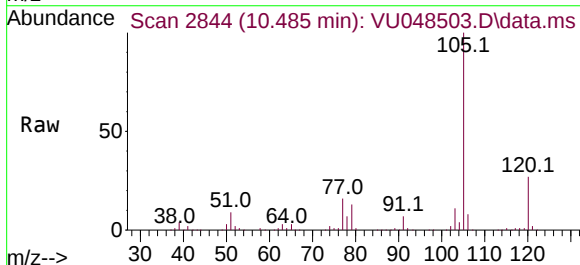
Instrument :
MSVOA_U
ClientSampleId :

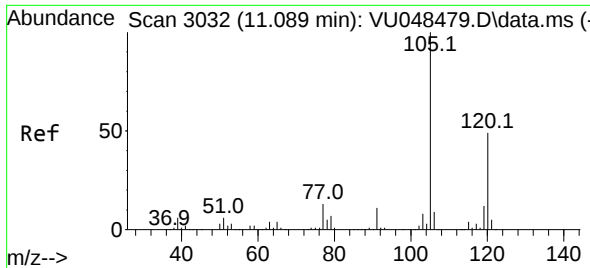
Tgt Ion: 75 Resp: 169161
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
110 40.3 28.9 43.3



#61
Isopropylbenzene
Concen: 47.395 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion: 105 Resp: 491076
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.4
77 15.7 12.5 18.7

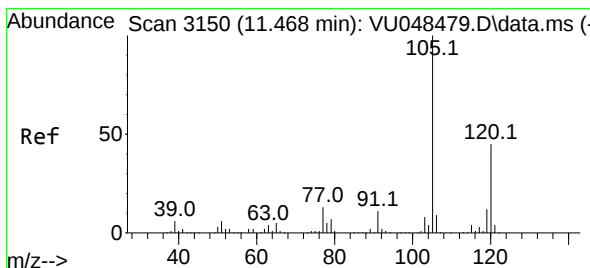
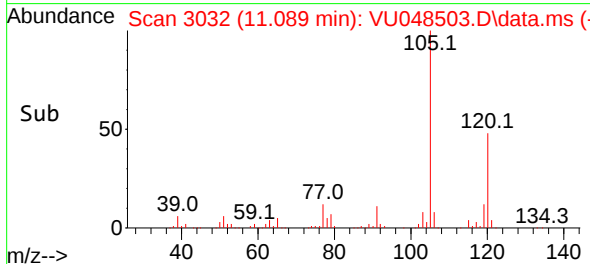
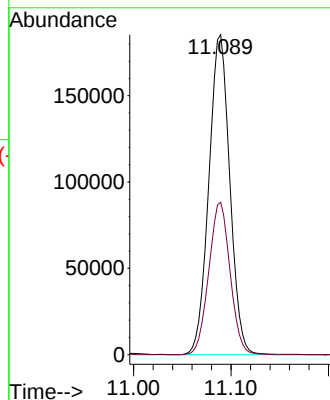
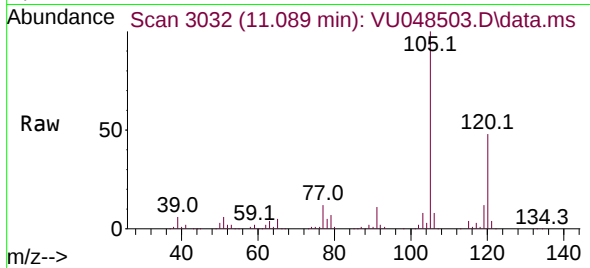




#62
1,3,5-Trimethylbenzene
Concen: 48.467 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

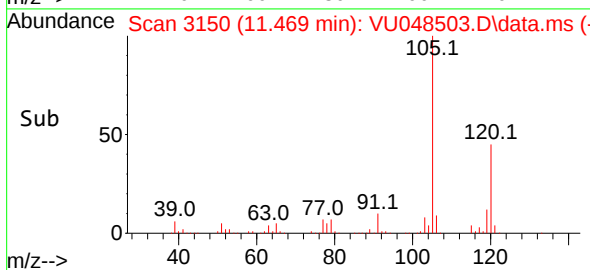
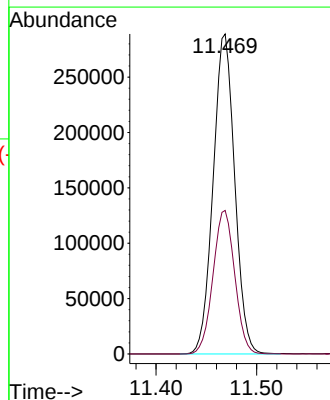
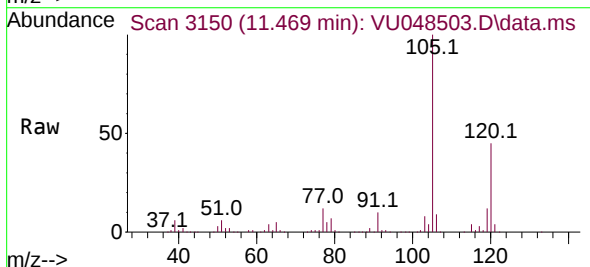
Instrument :
MSVOA_U
ClientSampleId :

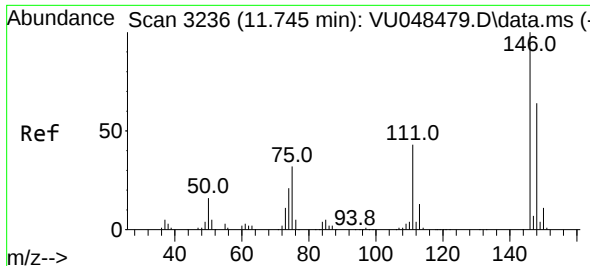
Tgt Ion:105 Resp: 276828
Ion Ratio Lower Upper
105 100
120 48.4 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 50.601 ug/L
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

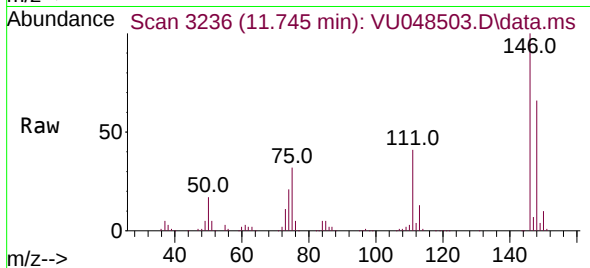
Tgt Ion:105 Resp: 430429
Ion Ratio Lower Upper
105 100
120 45.2 35.4 53.2



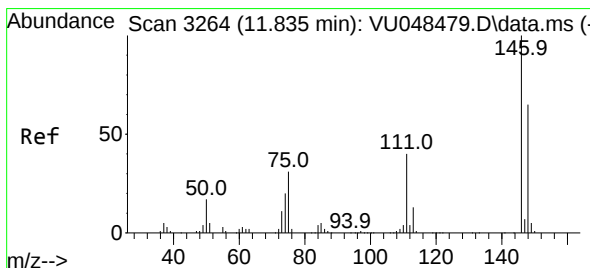
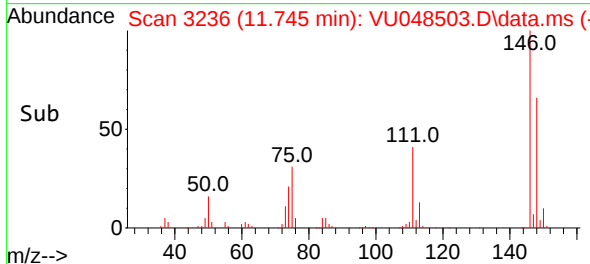
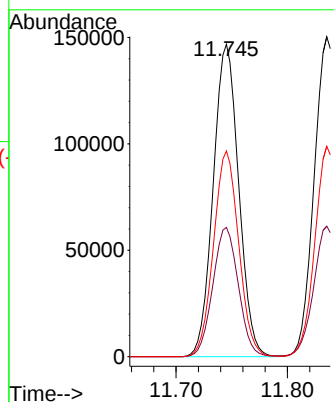


#64
1,3-Dichlorobenzene
Concen: 47.726 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Instrument :
MSVOA_U
ClientSampleId :

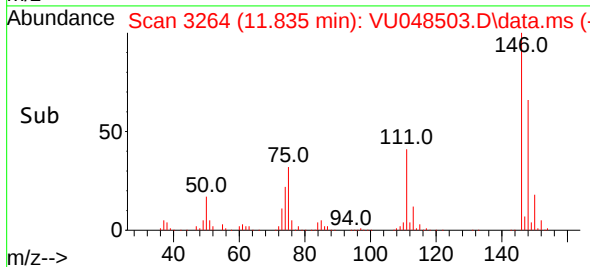
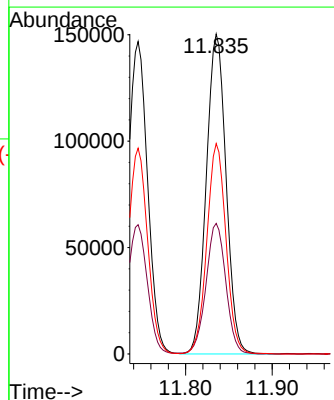
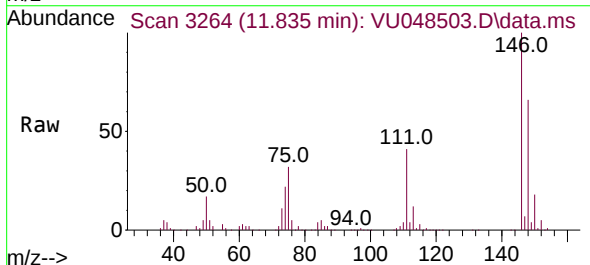


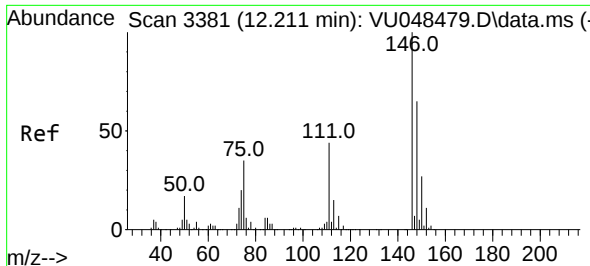
Tgt Ion:146 Resp: 233224
Ion Ratio Lower Upper
146 100
111 41.4 28.3 52.7
148 65.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 48.653 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

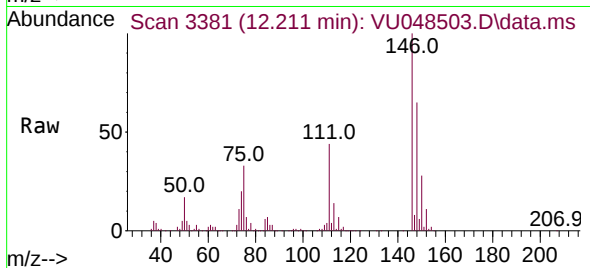
Tgt Ion:146 Resp: 238372
Ion Ratio Lower Upper
146 100
111 40.8 28.4 52.8
148 65.7 43.4 80.6



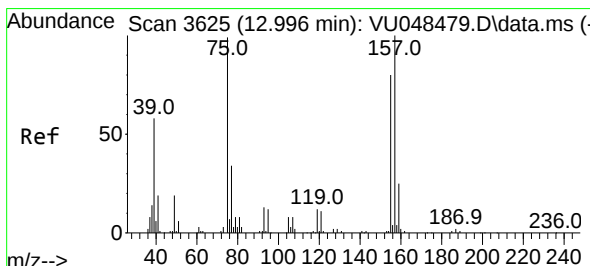
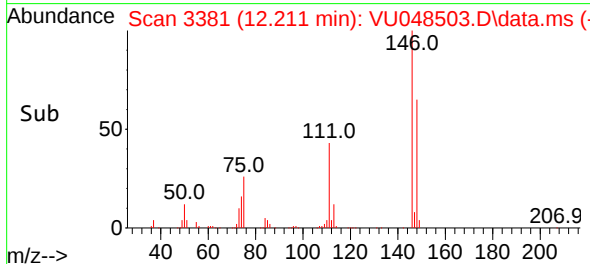
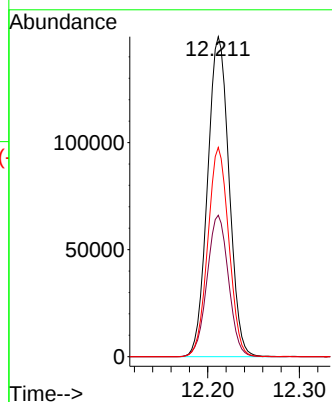


#67
1,2-Dichlorobenzene
Concen: 48.714 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Instrument :
MSVOA_U
ClientSampleId :

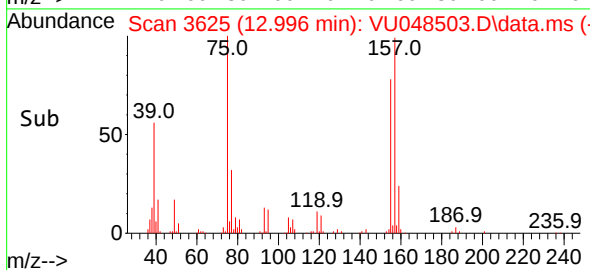
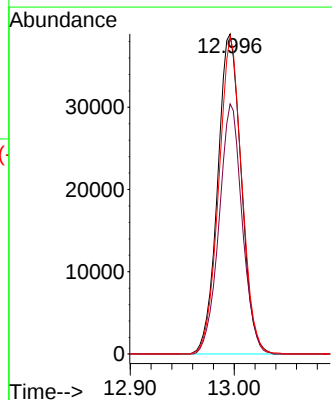
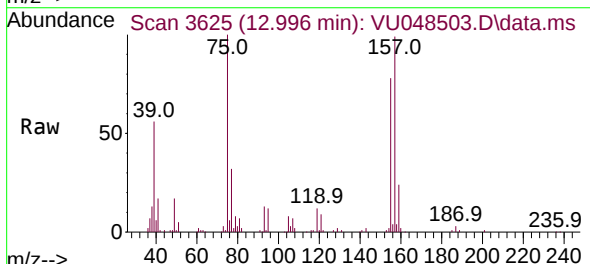


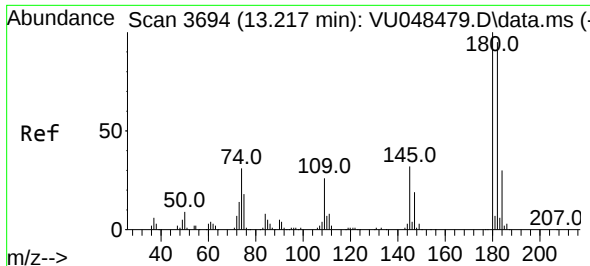
Tgt Ion:146 Resp: 243610
Ion Ratio Lower Upper
146 100
111 44.2 34.9 52.3
148 65.4 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 54.340 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion: 75 Resp: 61474
Ion Ratio Lower Upper
75 100
155 78.1 63.4 95.0
157 99.3 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 47.522 ug/L

RT: 13.218 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 164195

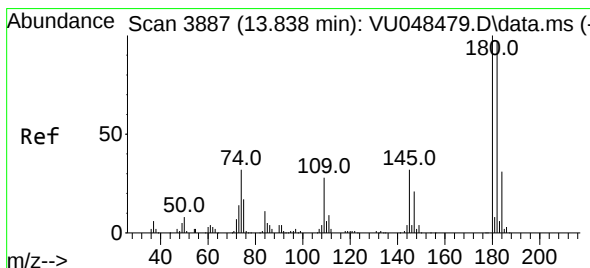
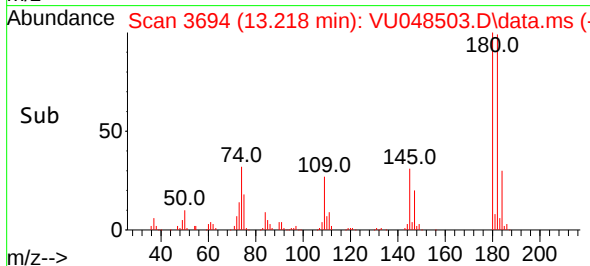
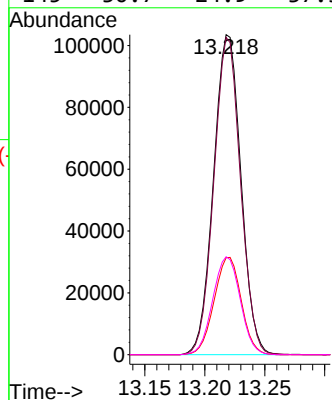
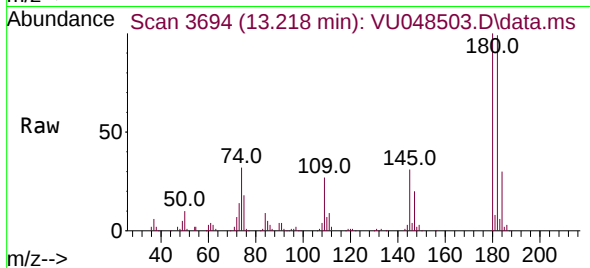
Ion Ratio Lower Upper

180 100

182 96.4 75.7 113.5

184 30.2 23.8 35.8

145 30.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 50.765 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU048503.D

Acq: 10 May 2022 19:54

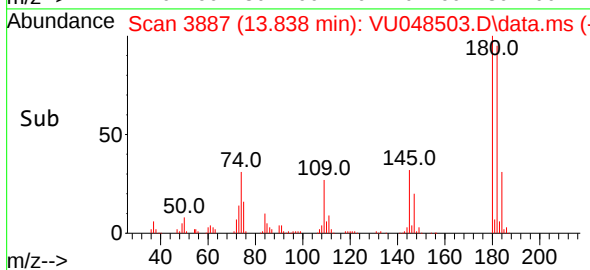
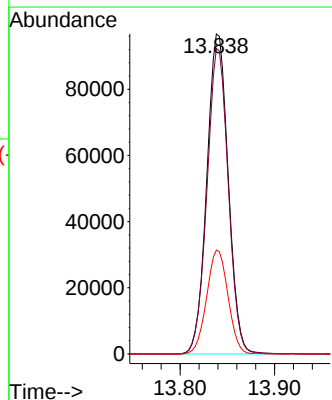
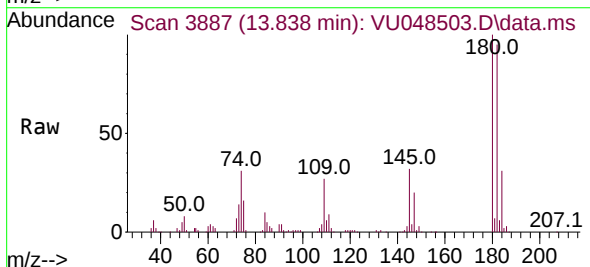
Tgt Ion:180 Resp: 152324

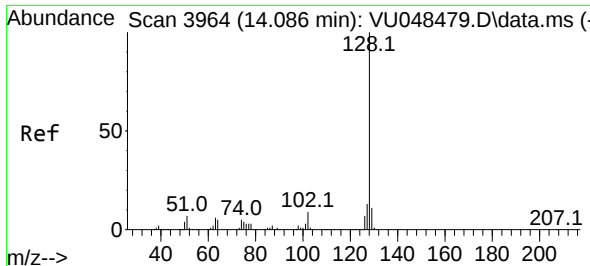
Ion Ratio Lower Upper

180 100

182 94.4 77.1 115.7

145 32.3 24.9 37.3

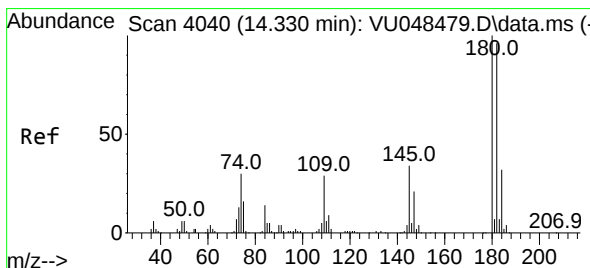
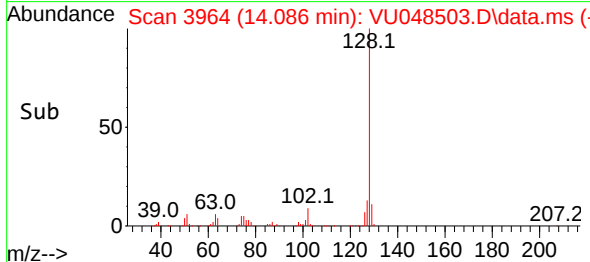
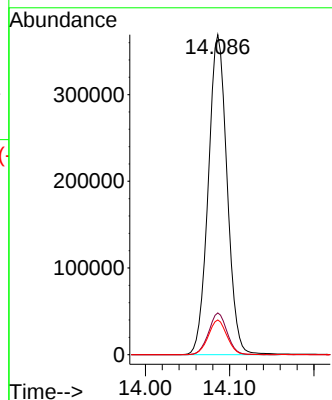
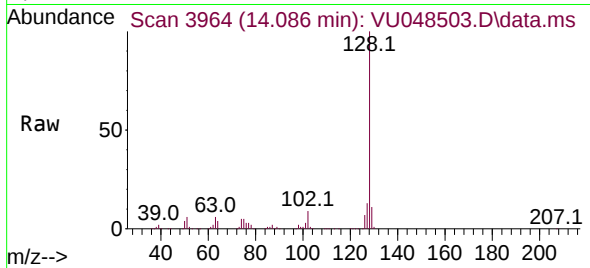




#71
Naphthalene
Concen: 49.635 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 573539
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 51.011 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048503.D
Acq: 10 May 2022 19:54

Tgt Ion:180 Resp: 162792
Ion Ratio Lower Upper
180 100
182 95.3 75.4 113.2
145 33.4 26.4 39.6

