

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051856.D
 Acq On : 15 Nov 2022 12:37
 Operator : JC/MD
 Sample : VSTD01050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010050

Quant Time: Nov 16 00:43:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 00:41:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	460724	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	467383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	212084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22519	6.653	ug/L	0.00
7) Chloroethane-d5	1.900	69	23390	8.175	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	41452	7.111	ug/L	0.00
21) 2-Butanone-d5	4.626	46	49359	19.250	ug/L	0.00
24) Chloroform-d	5.061	84	57568	8.833	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	36299	9.005	ug/L	0.00
32) Benzene-d6	5.726	84	96099	7.993	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	36100	8.936	ug/L	0.00
41) Toluene-d8	7.896	98	74994	6.981	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	13053	7.709	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	28605	15.680	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	69806	9.735	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	36725	9.389	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	28519	7.404	ug/L	97
3) Chloromethane	1.524	50	40129	8.098	ug/L	96
5) Vinyl chloride	1.604	62	40943	8.325	ug/L	83
6) Bromomethane	1.836	94	18951	7.638	ug/L	97
8) Chloroethane	1.922	64	28188	9.483	ug/L	99
9) Trichlorofluoromethane	2.131	101	48411	8.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30549	8.646	ug/L	99
12) 1,1-Dichloroethene	2.578	96	27441	8.239	ug/L	94
13) Acetone	2.623	43	62452	21.333	ug/L	96
14) Carbon disulfide	2.791	76	78058	7.383	ug/L	100
15) Methyl Acetate	2.948	43	39883	9.184	ug/L	97
16) Methylene chloride	3.041	84	48921	11.031	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	29374	8.565	ug/L	97
18) Methyl tert-butyl Ether	3.360	73	87600	8.800	ug/L	99
19) 1,1-Dichloroethane	3.864	63	62314	9.139	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	33419	8.812	ug/L	93
22) 2-Butanone	4.700	43	61488	18.213	ug/L	97
23) Bromochloromethane	4.971	128	19957	9.373	ug/L	97
25) Chloroform	5.086	83	66021	9.376	ug/L	98
27) 1,2-Dichloroethane	5.790	62	48674	8.984	ug/L	96
29) Cyclohexane	5.385	56	34319	7.186	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	49732	9.150	ug/L	98
31) Carbon tetrachloride	5.524	117	39615	8.611	ug/L	97
33) Benzene	5.771	78	135496	9.011	ug/L	100
34) Trichloroethene	6.540	95	32302	8.912	ug/L	96
35) Methylcyclohexane	6.761	83	37016	7.185	ug/L	98
37) 1,2-Dichloropropane	6.787	63	39102	9.450	ug/L	98
38) Bromodichloromethane	7.102	83	48785	9.237	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	44826	8.208	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	89060	16.130	ug/L	97
42) Toluene	7.967	91	131088	8.510	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	43204	8.164	ug/L	95

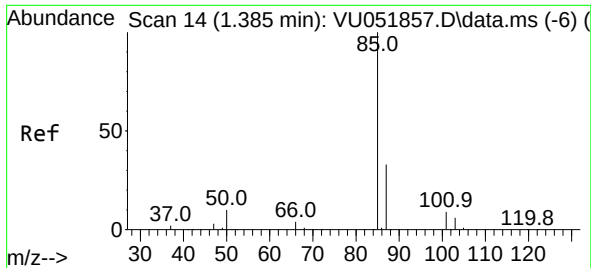
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
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 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 00:41:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	39983	9.638	ug/L	95
46) Tetrachloroethene	8.552	164	25524	9.440	ug/L	95
48) 2-Hexanone	8.684	43	79342	16.964	ug/L	92
49) Dibromochloromethane	8.806	129	39575	9.267	ug/L	97
50) 1,2-Dibromoethane	8.922	107	38950	9.163	ug/L	99
51) Chlorobenzene	9.446	112	93772	9.197	ug/L	97
52) Ethylbenzene	9.568	91	123489	7.902	ug/L	97
53) m,p-Xylene	9.694	106	47466	7.895	ug/L	100
54) o-Xylene	10.099	106	47914	7.991	ug/L	99
55) Styrene	10.112	104	78174	7.522	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.781	83	73127	9.258	ug/L #	98
59) Bromoform	10.289	173	29893	10.086	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	56672	10.416	ug/L	98
61) Isopropylbenzene	10.482	105	115508	8.712	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	85212	7.653	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	80127	7.316	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	63263	9.364	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	64264	9.271	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	69205	9.813	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	13964	9.538	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	39589	8.730	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	30190	8.617	ug/L	97
71) Naphthalene	14.086	128	82468	7.287	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	33096	8.823	ug/L	98

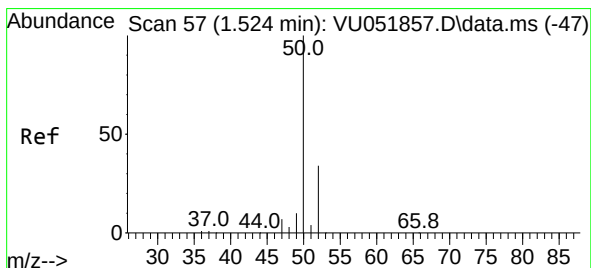
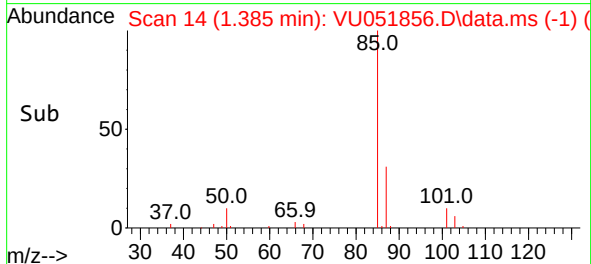
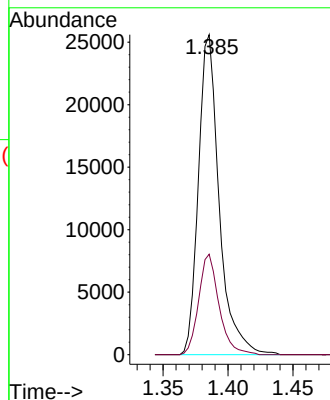
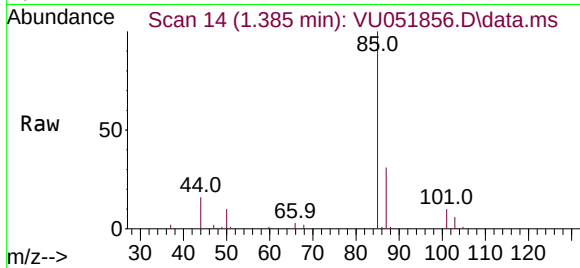
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 7.404 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

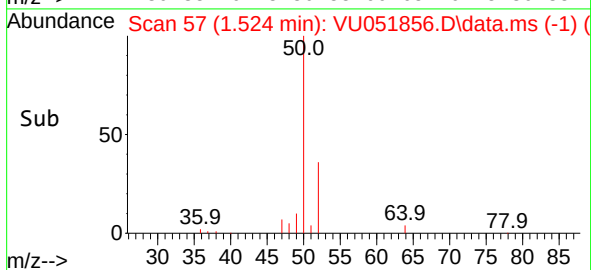
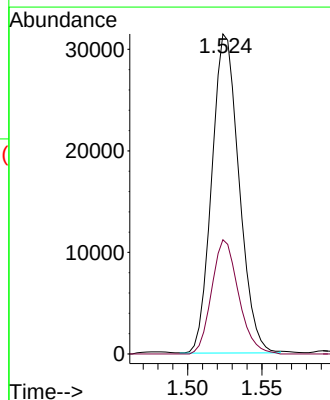
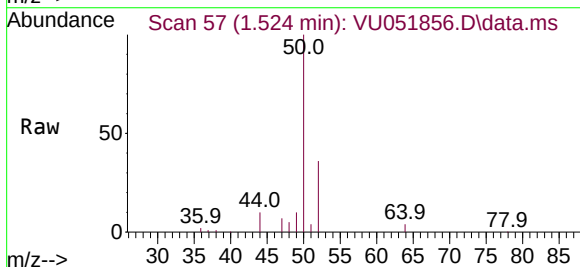
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010050

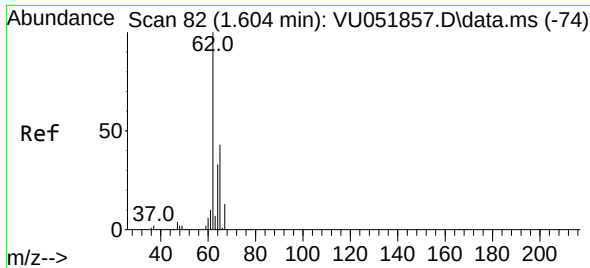
Tgt Ion: 85 Resp: 28519
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.0 39.0



#3
 Chloromethane
 Concen: 8.098 ug/L
 RT: 1.524 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

Tgt Ion: 50 Resp: 40129
 Ion Ratio Lower Upper
 50 100
 52 35.7 23.4 43.6

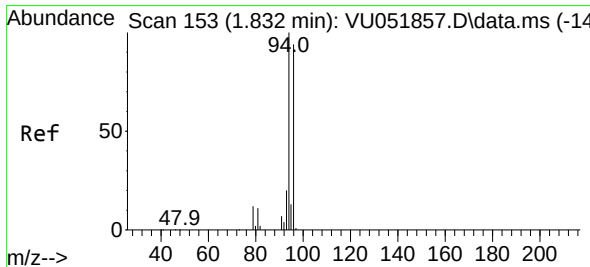
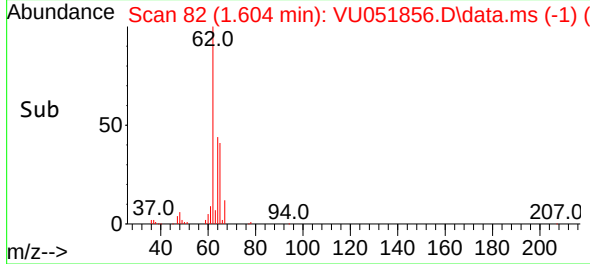
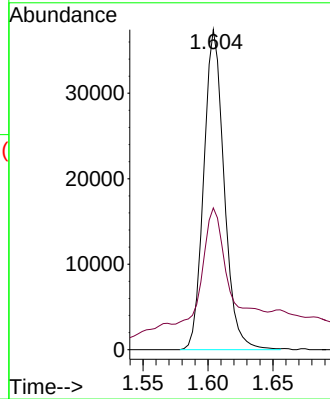
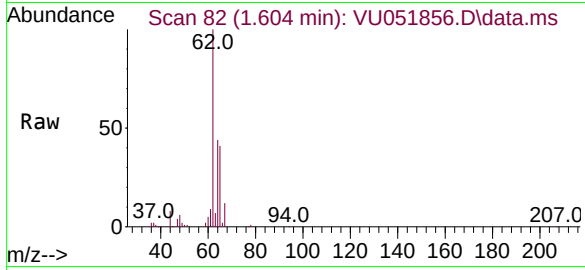




#5
 Vinyl chloride
 Concen: 8.325 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

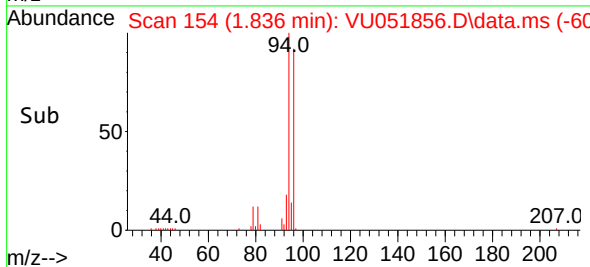
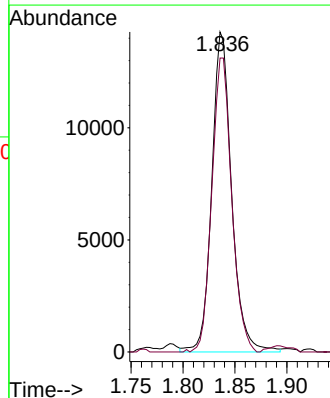
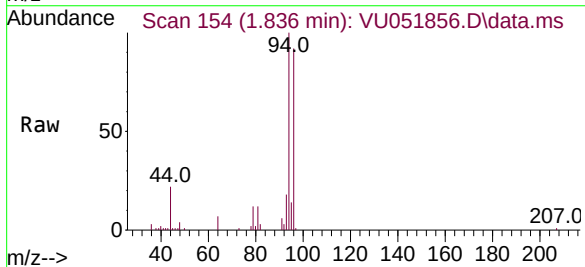
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 ClientSampleId :
 VSTD010050

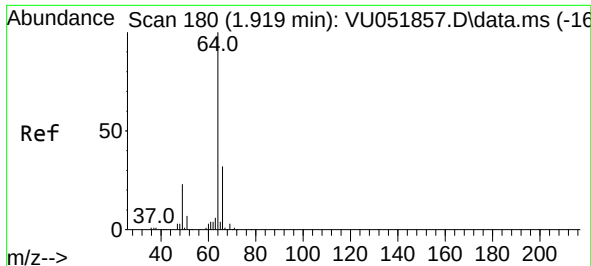
Tgt Ion: 62 Resp: 40943
 Ion Ratio Lower Upper
 62 100
 64 44.3 24.3 45.1



#6
 Bromomethane
 Concen: 7.638 ug/L
 RT: 1.836 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

Tgt Ion: 94 Resp: 18951
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.1 122.7

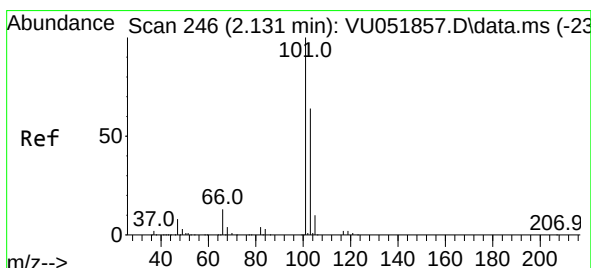
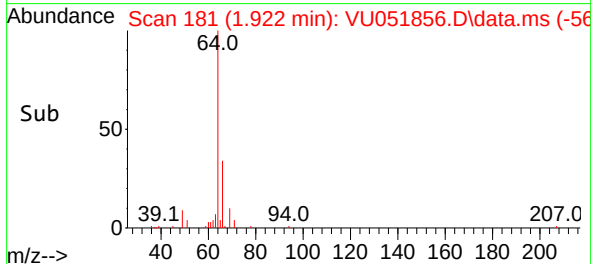
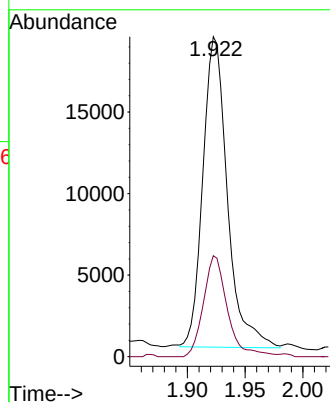
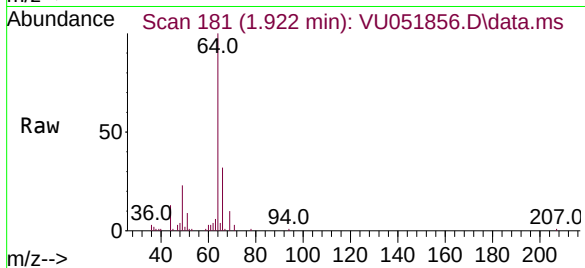




#8
Chloroethane
Concen: 9.483 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

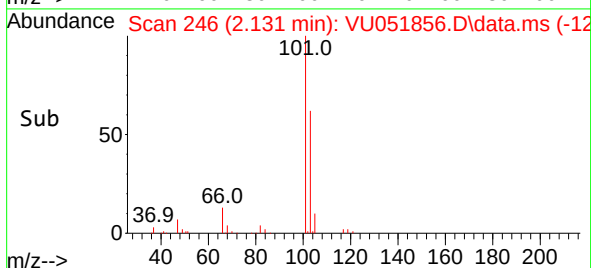
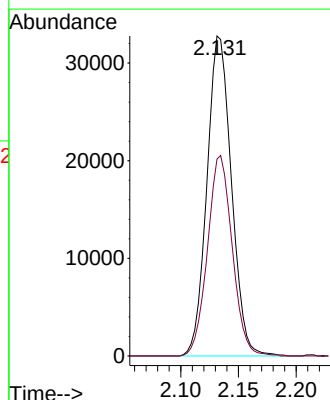
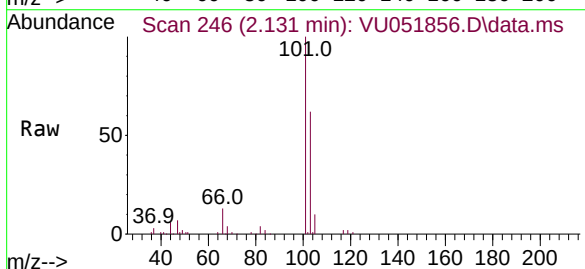
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

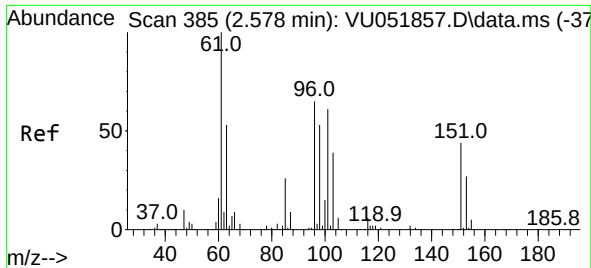
Tgt Ion: 64 Resp: 28188
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 8.466 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 101 Resp: 48411
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

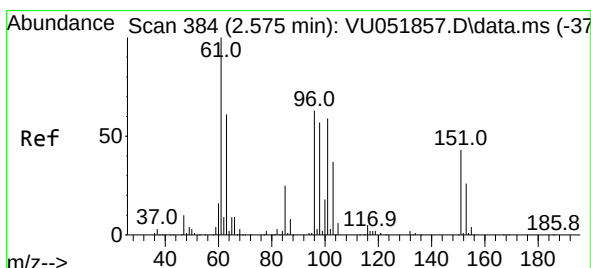
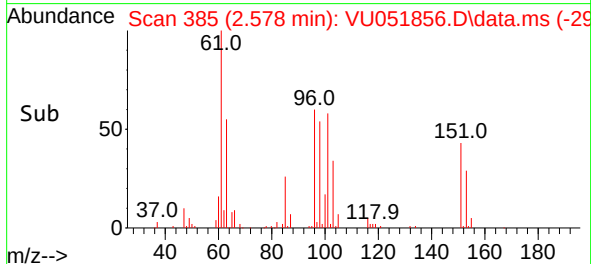
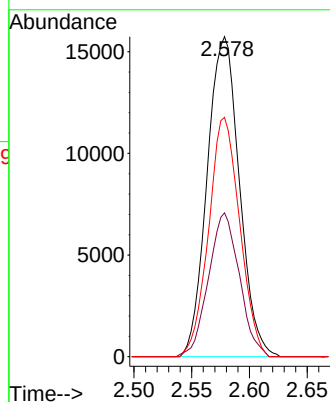
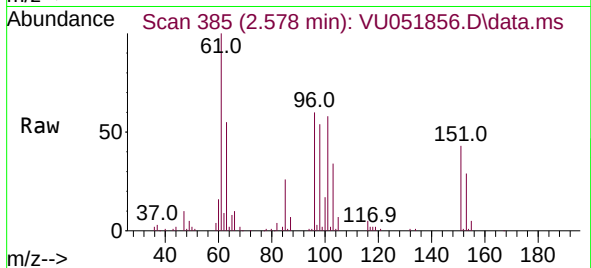




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.646 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

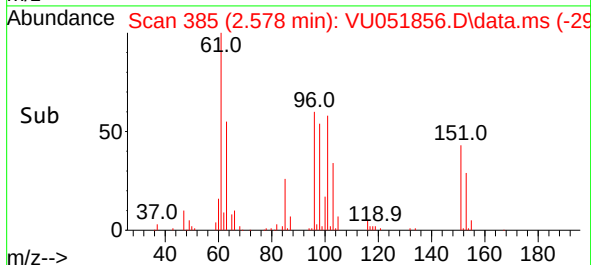
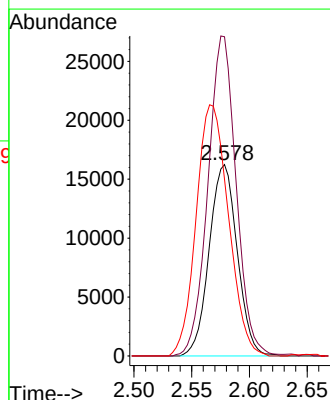
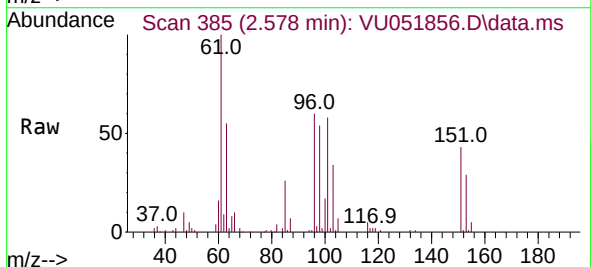
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010050

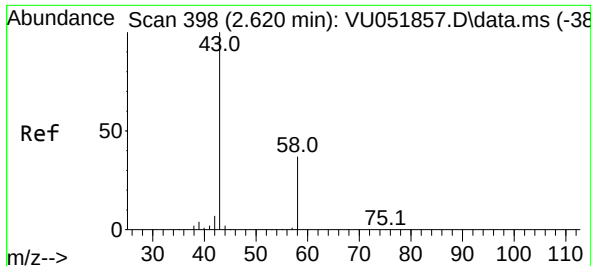
Tgt Ion:	101	Resp:	30549
Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.2	51.2
151	72.1	58.3	87.5



#12
 1,1-Dichloroethene
 Concen: 8.239 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

Tgt Ion:	96	Resp:	27441
Ion	Ratio	Lower	Upper
96	100		
61	166.9	110.7	205.5
63	92.3	68.6	127.4





#13

Acetone

Concen: 21.333 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

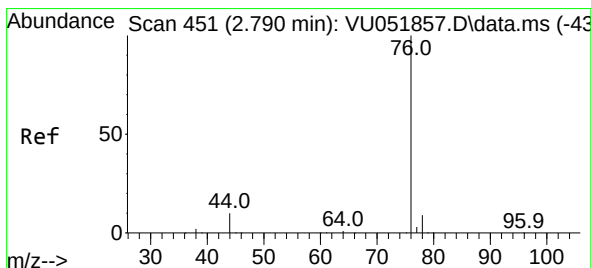
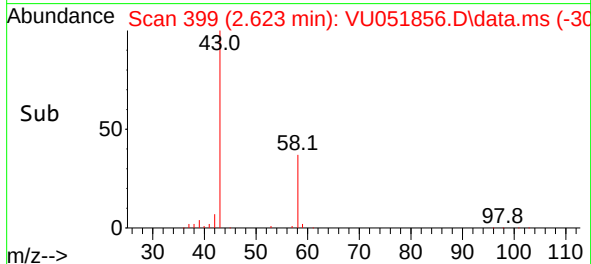
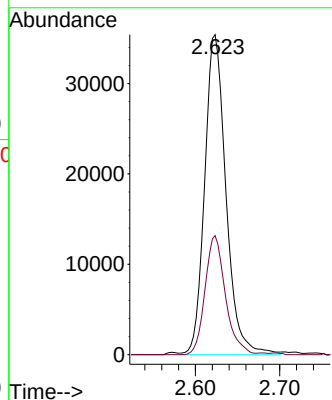
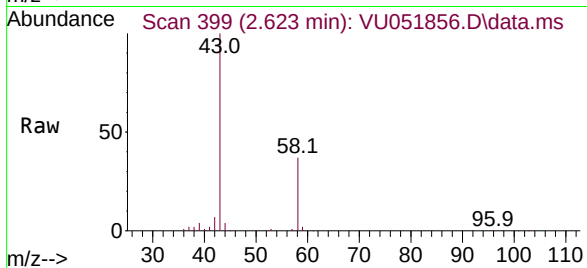
VSTD010050

Tgt Ion: 43 Resp: 62452

Ion Ratio Lower Upper

43 100

58 35.5 0.0 75.4



#14

Carbon disulfide

Concen: 7.383 ug/L

RT: 2.791 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051856.D

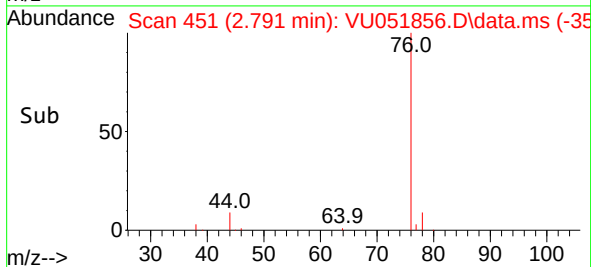
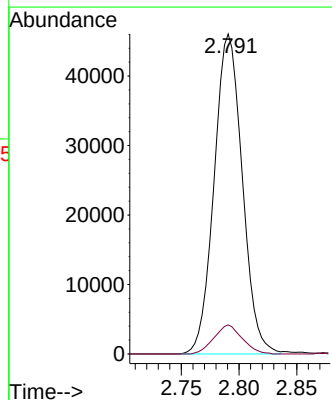
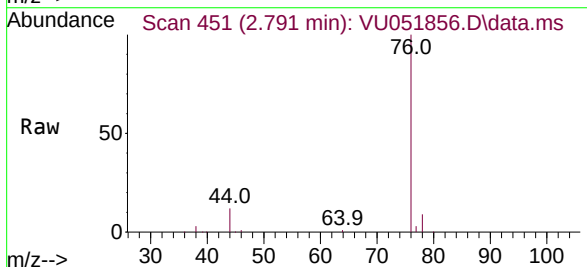
Acq: 15 Nov 2022 12:37

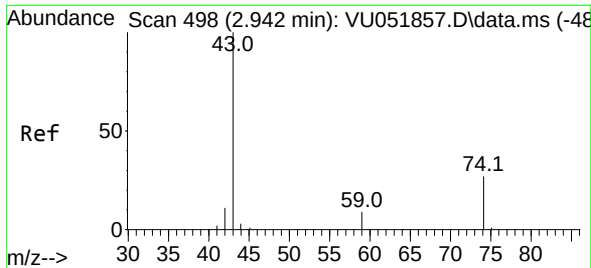
Tgt Ion: 76 Resp: 78058

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

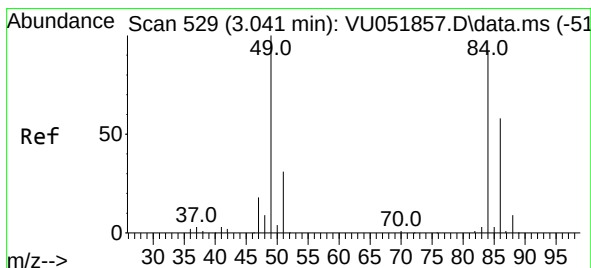
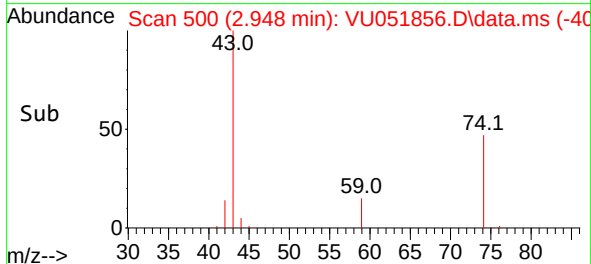
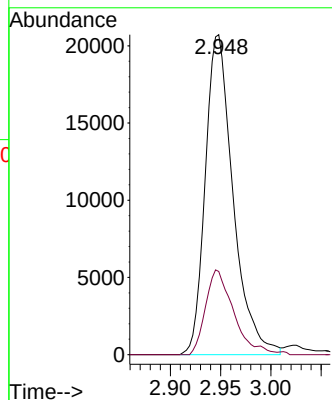
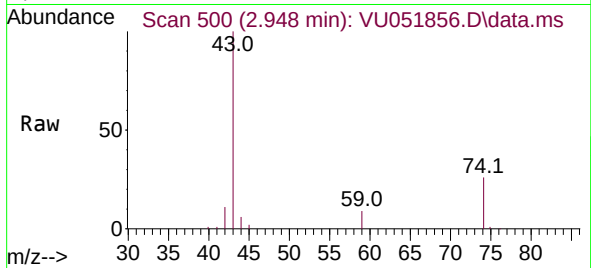




#15
Methyl Acetate
Concen: 9.184 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.006 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

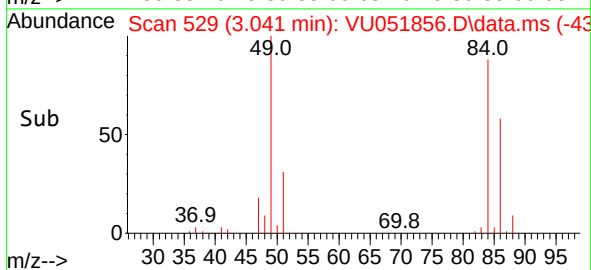
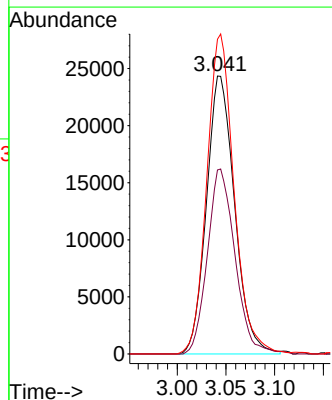
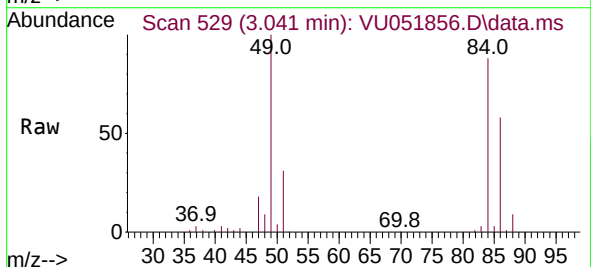
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

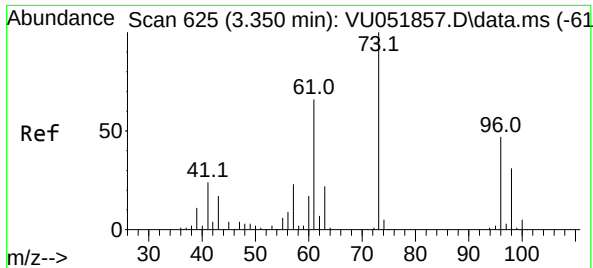
Tgt Ion: 43 Resp: 39883
Ion Ratio Lower Upper
43 100
74 25.5 21.8 32.8



#16
Methylene chloride
Concen: 11.031 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 84 Resp: 48921
Ion Ratio Lower Upper
84 100
86 66.2 44.7 82.9
49 113.2 76.5 142.1

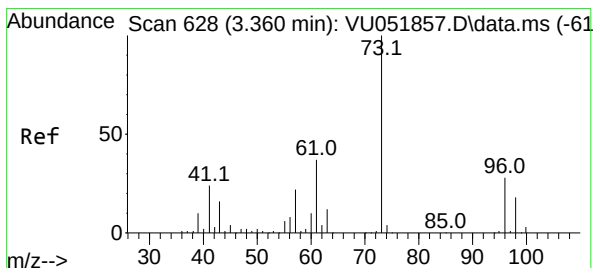
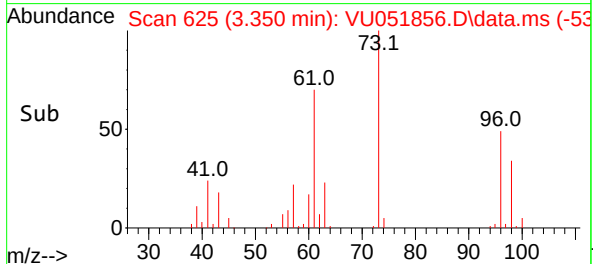
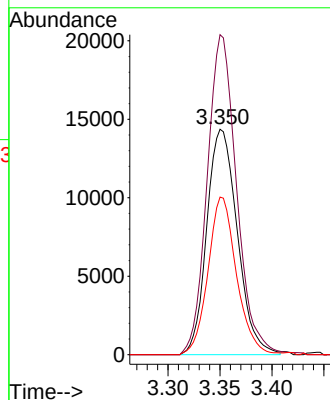
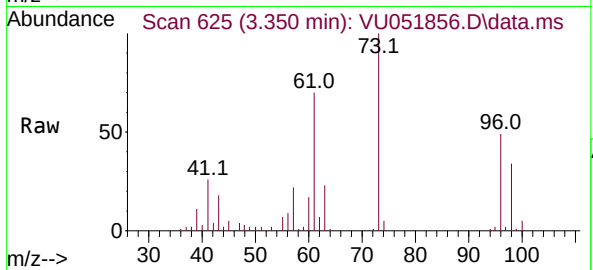




#17
 trans-1,2-Dichloroethene
 Concen: 8.565 ug/L
 RT: 3.350 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

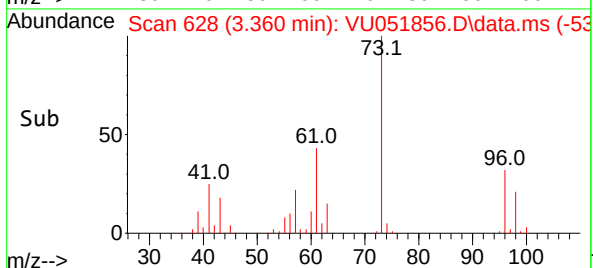
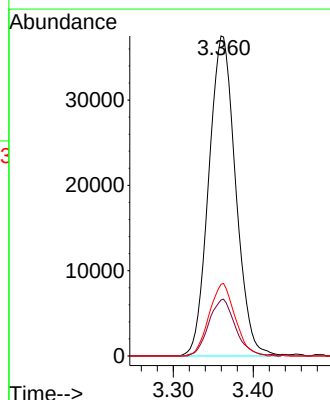
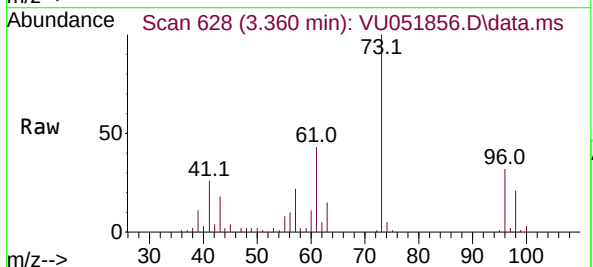
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010050

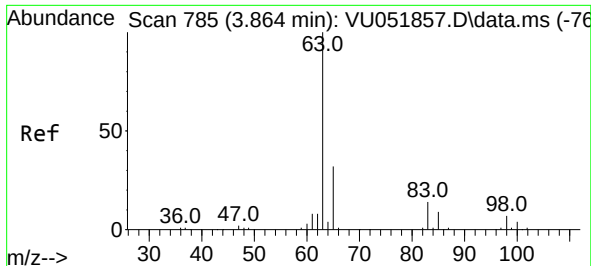
Tgt Ion: 96 Resp: 29374
 Ion Ratio Lower Upper
 96 100
 61 141.9 98.3 182.7
 98 69.9 45.5 84.5



#18
 Methyl tert-butyl Ether
 Concen: 8.800 ug/L
 RT: 3.360 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU051856.D
 Acq: 15 Nov 2022 12:37

Tgt Ion: 73 Resp: 87600
 Ion Ratio Lower Upper
 73 100
 43 17.5 13.4 20.0
 57 21.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 9.139 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD010050

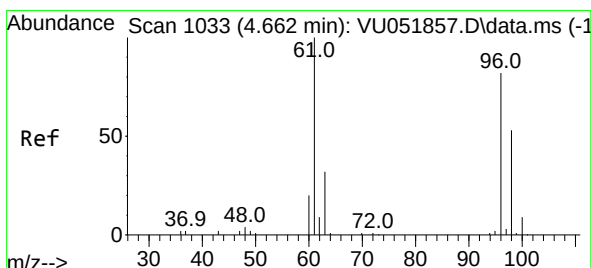
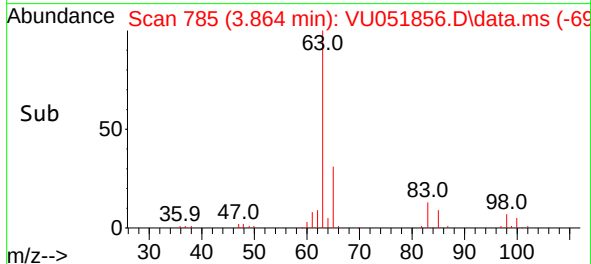
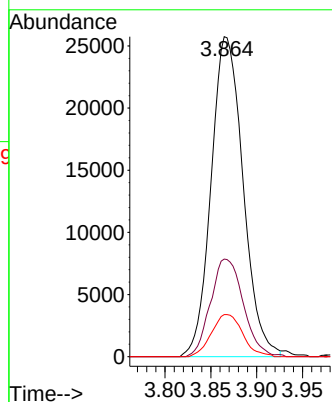
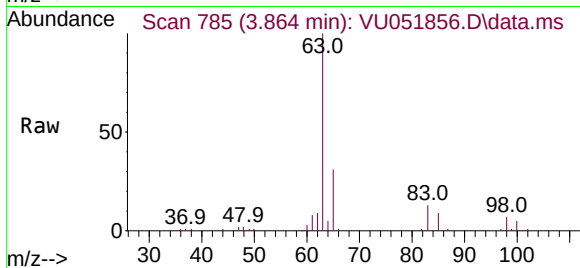
Tgt Ion: 63 Resp: 62314

Ion Ratio Lower Upper

63 100

65 30.5 22.2 41.2

83 13.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 8.812 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

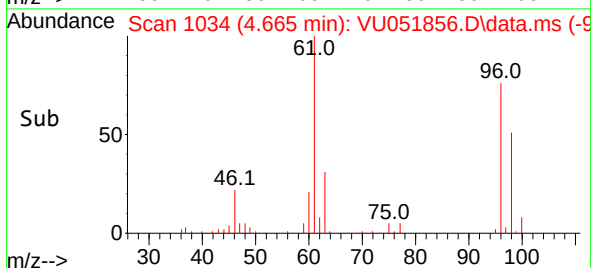
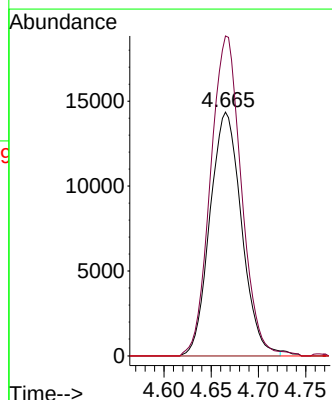
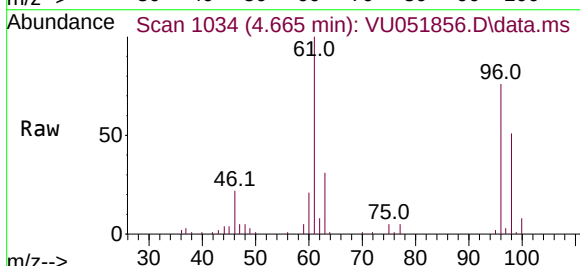
Tgt Ion: 96 Resp: 33419

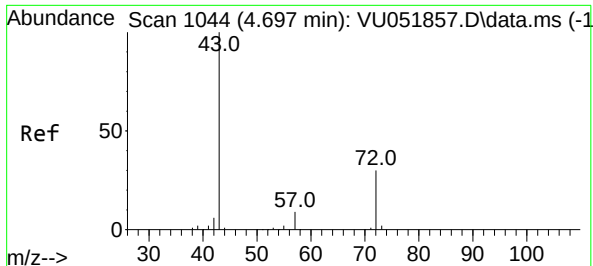
Ion Ratio Lower Upper

96 100

61 131.2 86.0 159.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 18.213 ug/L

RT: 4.700 min Scan# 1044

Delta R.T. 0.003 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

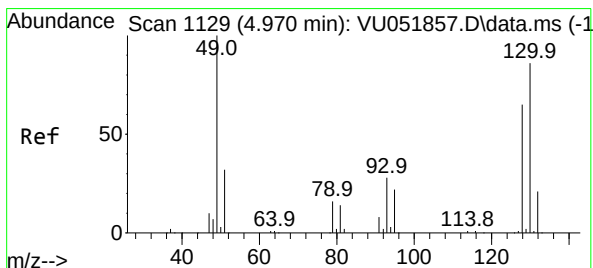
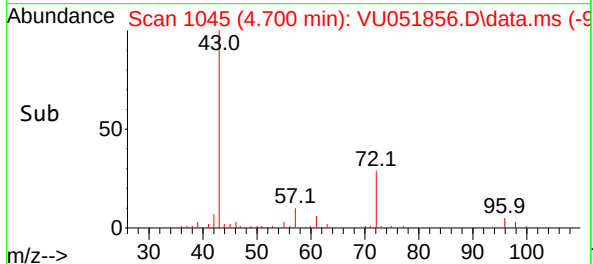
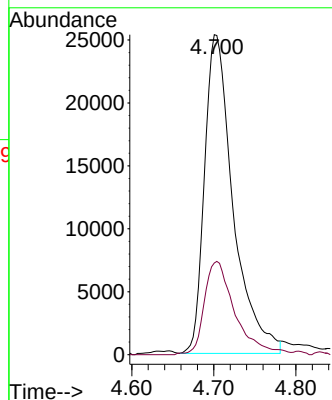
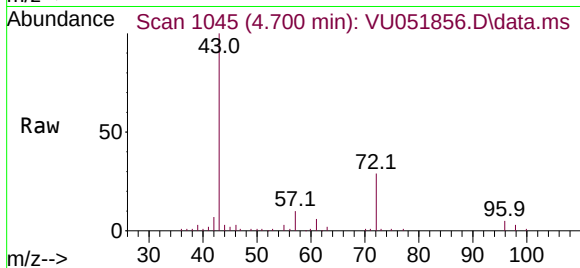
VSTD010050

Tgt Ion: 43 Resp: 61488

Ion Ratio Lower Upper

43 100

72 29.7 15.7 47.1



#23

Bromochloromethane

Concen: 9.373 ug/L

RT: 4.971 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Tgt Ion: 128 Resp: 19957

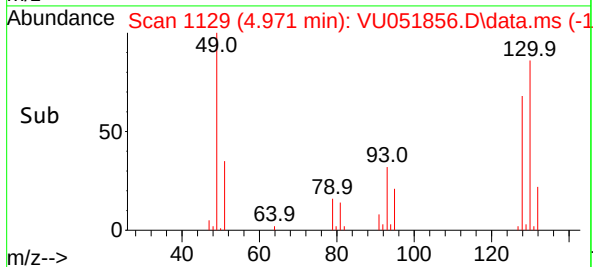
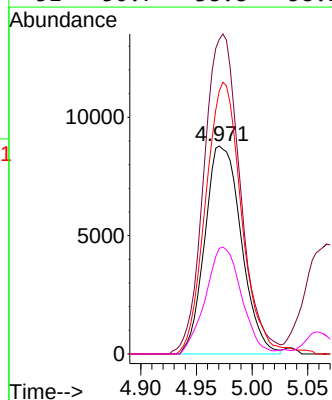
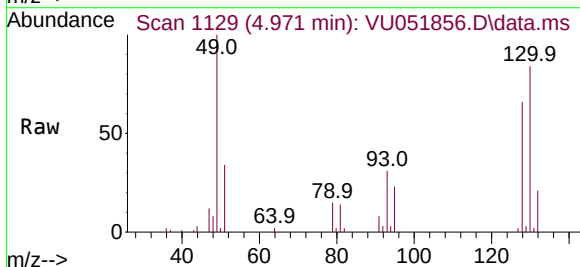
Ion Ratio Lower Upper

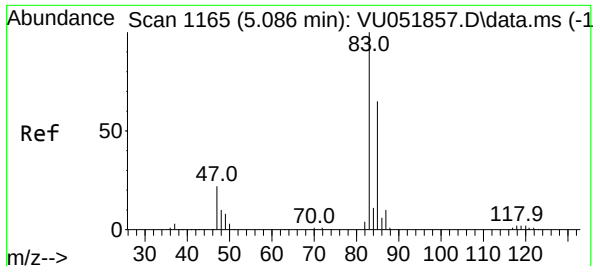
128 100

49 151.2 107.2 199.0

130 126.4 92.5 171.7

51 50.7 38.8 58.2





#25

Chloroform

Concen: 9.376 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

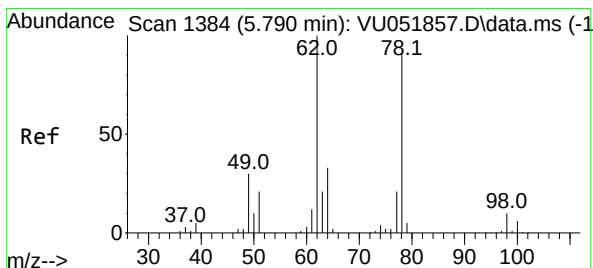
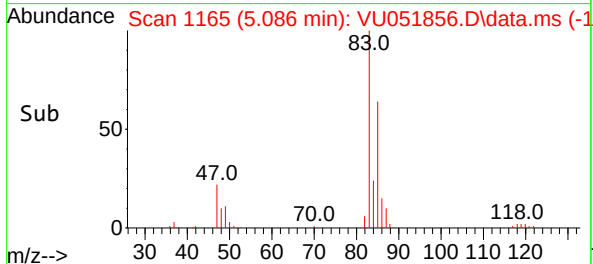
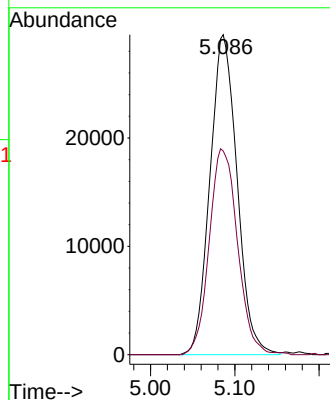
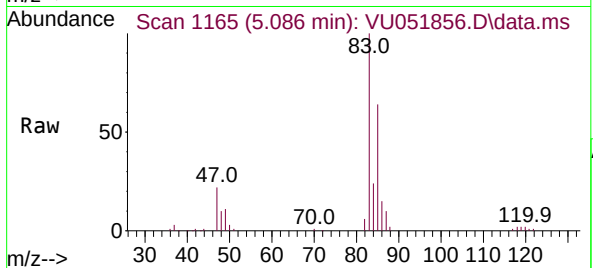
VSTD010050

Tgt Ion: 83 Resp: 66021

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.8



#27

1,2-Dichloroethane

Concen: 8.984 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051856.D

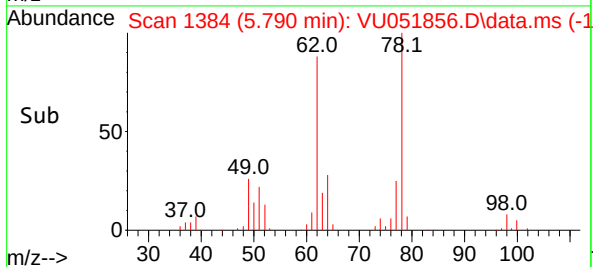
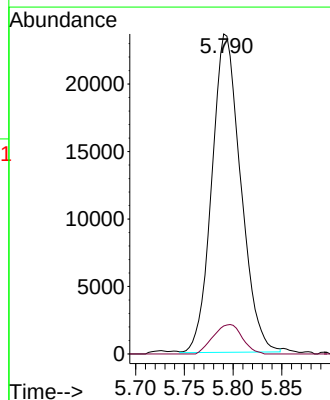
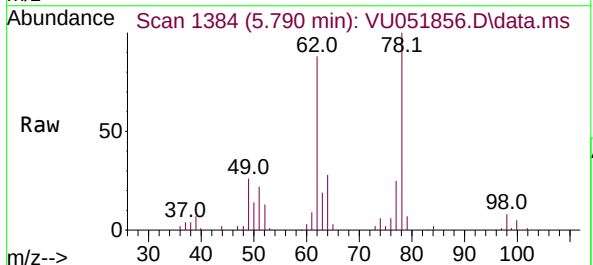
Acq: 15 Nov 2022 12:37

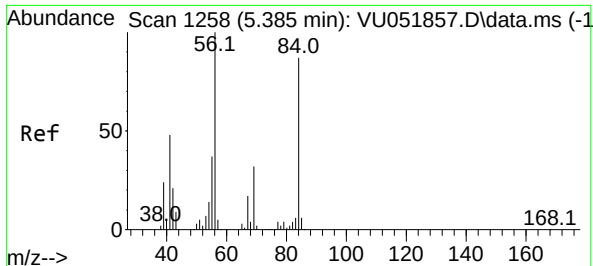
Tgt Ion: 62 Resp: 48674

Ion Ratio Lower Upper

62 100

98 8.8 8.1 12.1





#29

Cyclohexane

Concen: 7.186 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD010050

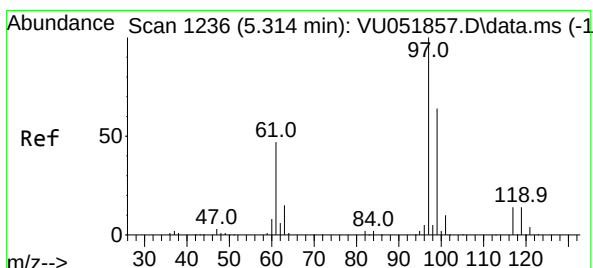
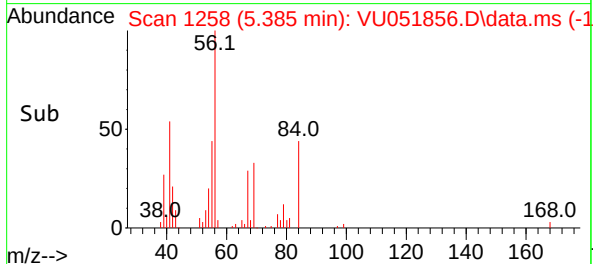
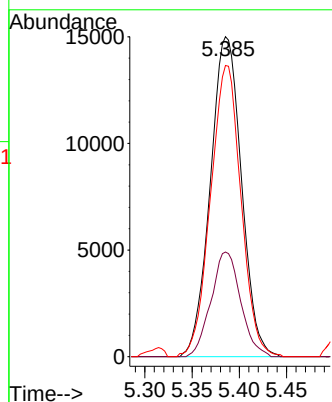
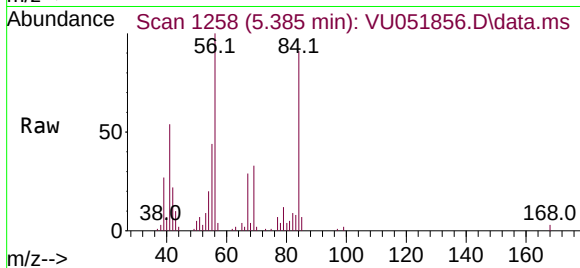
Tgt Ion: 56 Resp: 34319

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 89.0 71.4 107.0



#30

1,1,1-Trichloroethane

Concen: 9.150 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

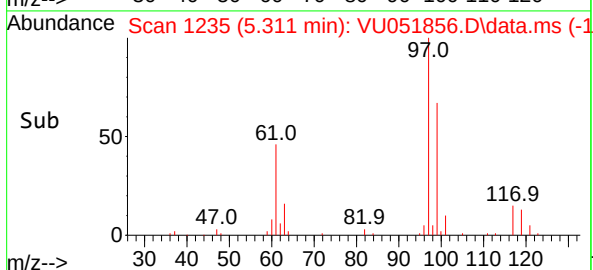
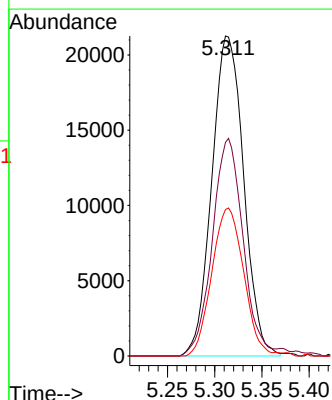
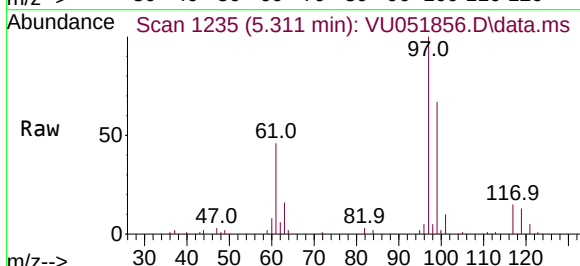
Tgt Ion: 97 Resp: 49732

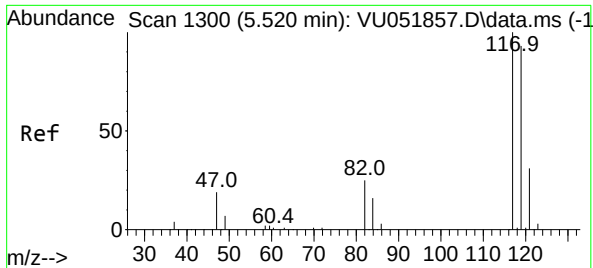
Ion Ratio Lower Upper

97 100

99 65.6 51.2 76.8

61 46.1 37.4 56.2

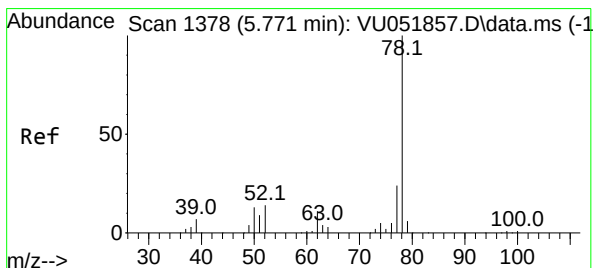
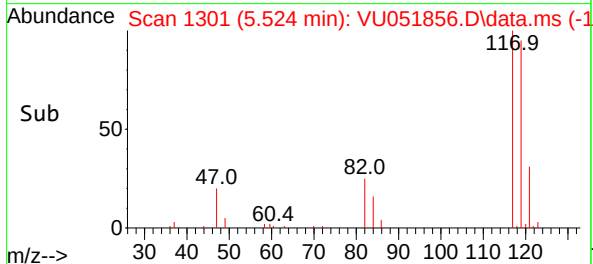
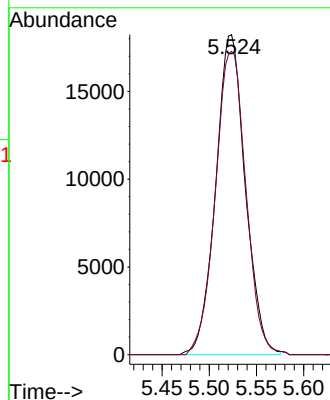
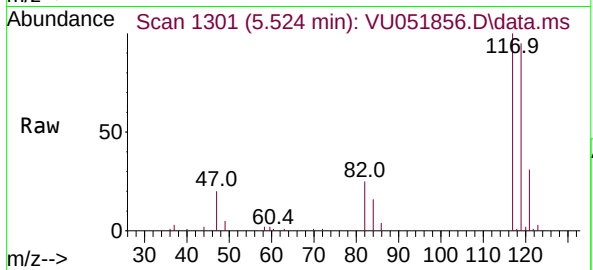




#31
Carbon tetrachloride
Concen: 8.611 ug/L
RT: 5.524 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

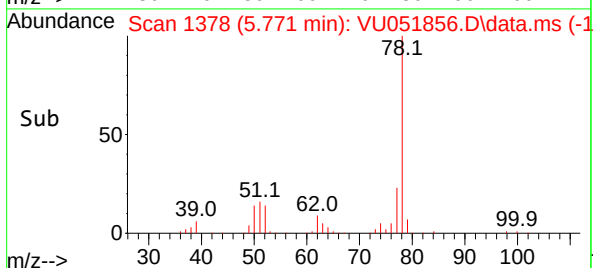
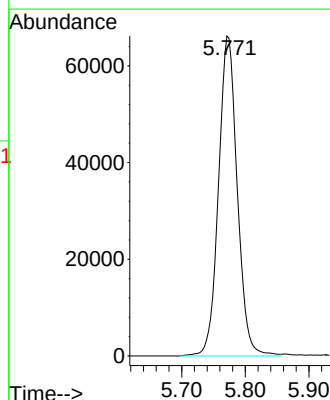
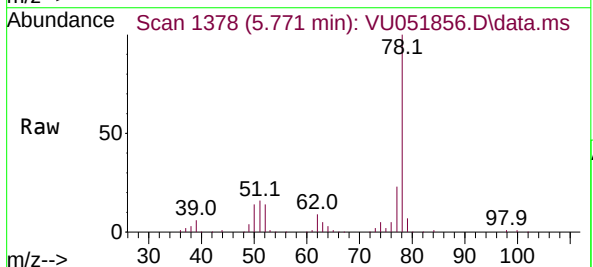
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

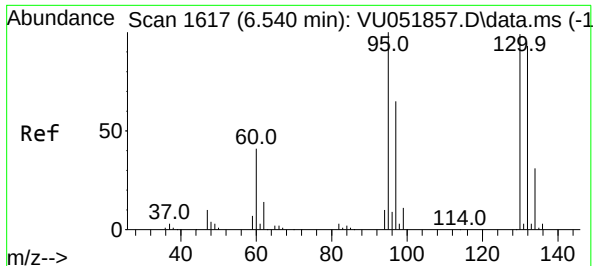
Tgt Ion:117 Resp: 39615
Ion Ratio Lower Upper
117 100
119 97.8 75.6 113.4



#33
Benzene
Concen: 9.011 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 78 Resp: 135496



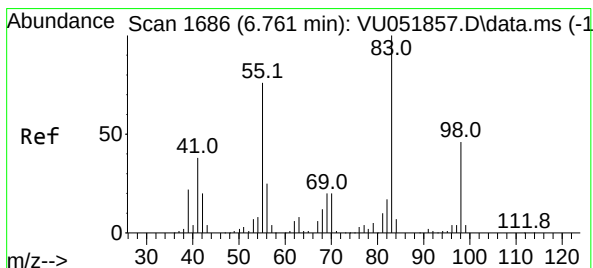
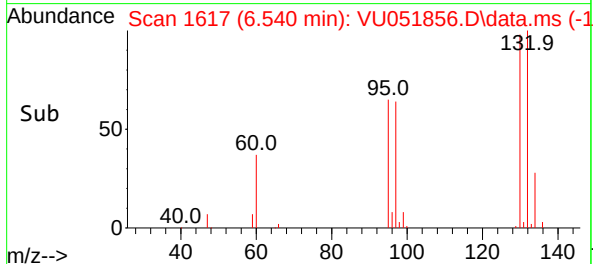
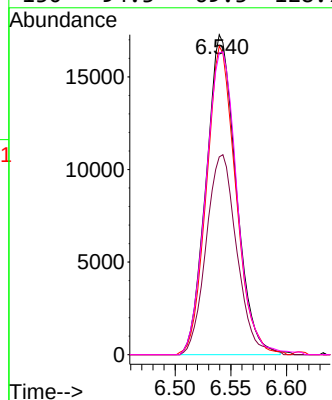
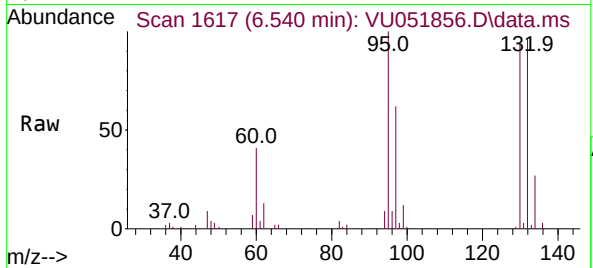


#34
Trichloroethene
Concen: 8.912 ug/L
RT: 6.540 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

Tgt Ion: 95 Resp: 32302

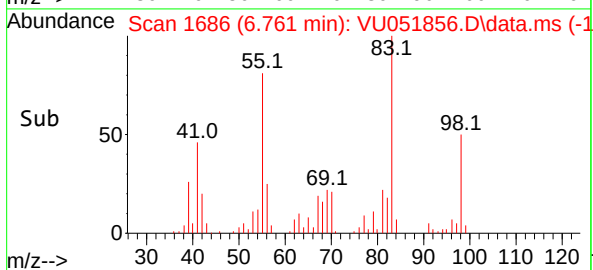
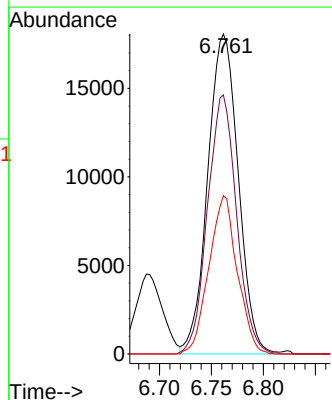
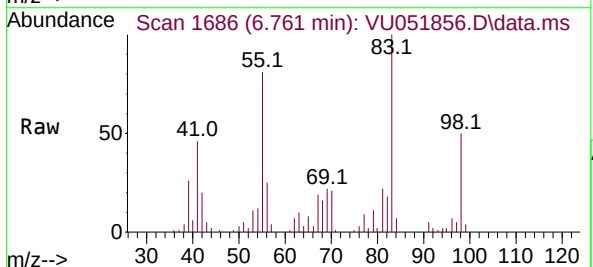
Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.8	85.0
132	96.4	65.3	121.3
130	94.3	69.3	128.7

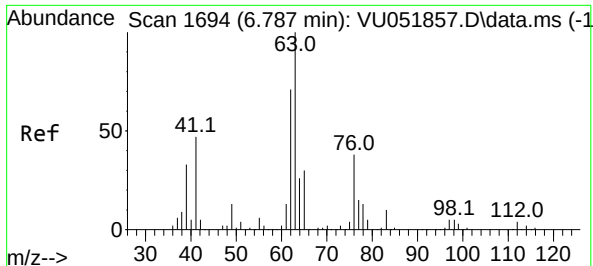


#35
Methylcyclohexane
Concen: 7.185 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 83 Resp: 37016

Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.0	90.0
98	45.9	35.8	53.8

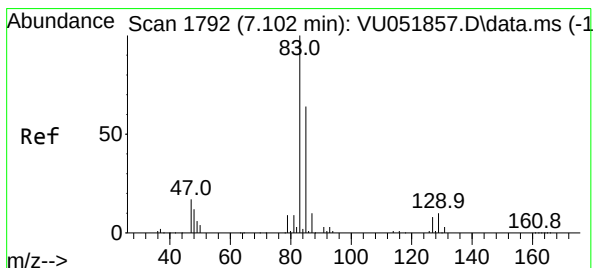
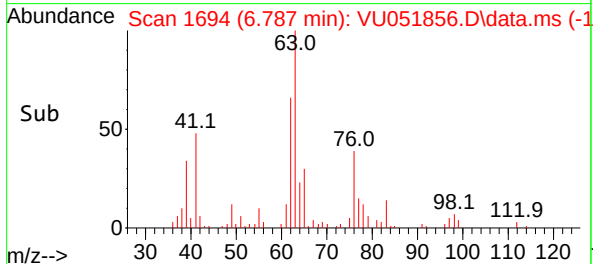
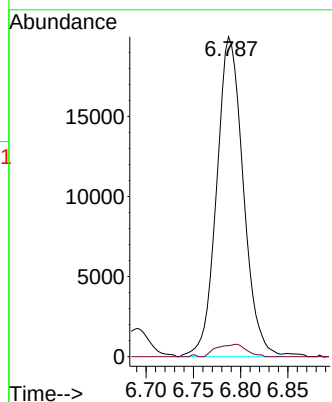
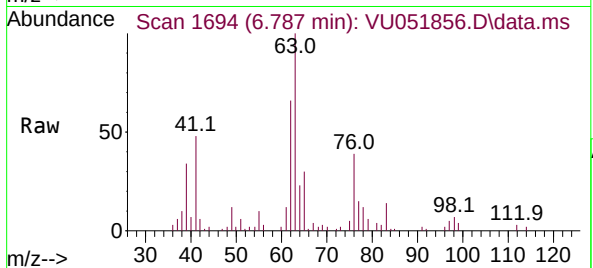




#37
1,2-Dichloropropane
Concen: 9.450 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

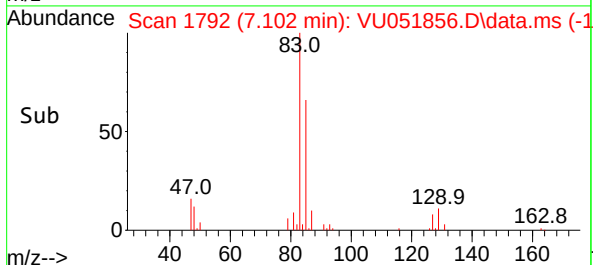
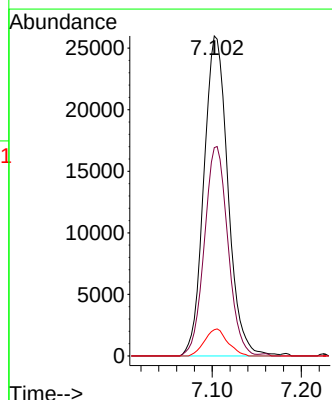
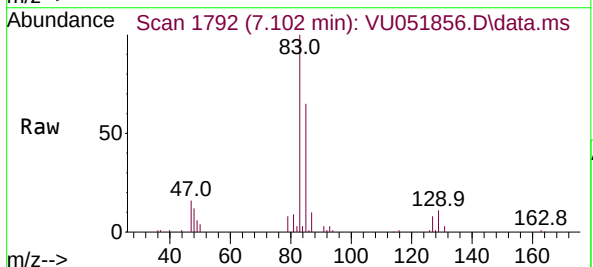
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

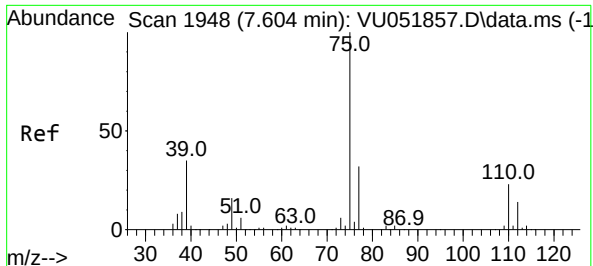
Tgt Ion: 63 Resp: 39102
Ion Ratio Lower Upper
63 100
112 4.3 3.0 4.6



#38
Bromodichloromethane
Concen: 9.237 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 83 Resp: 48785
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8
127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 8.208 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

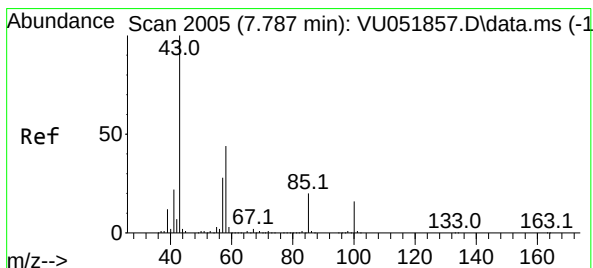
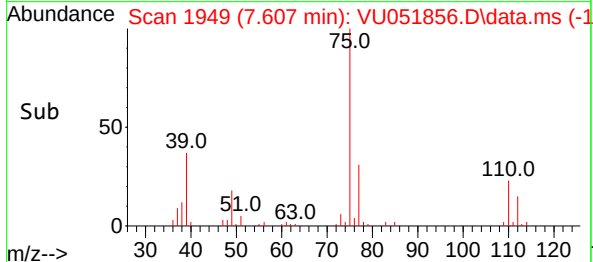
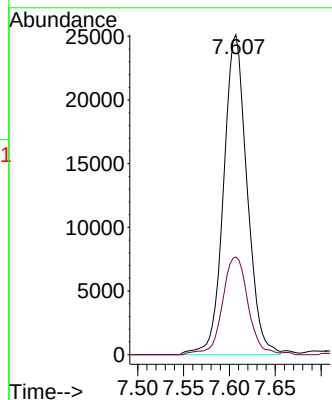
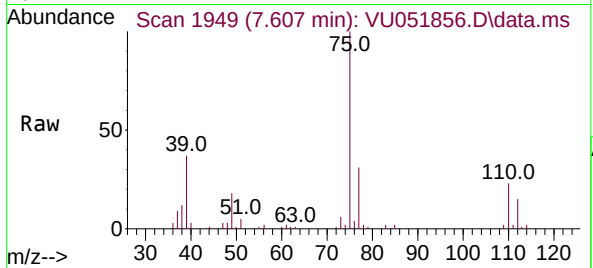
VSTD010050

Tgt Ion: 75 Resp: 44826

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 16.130 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

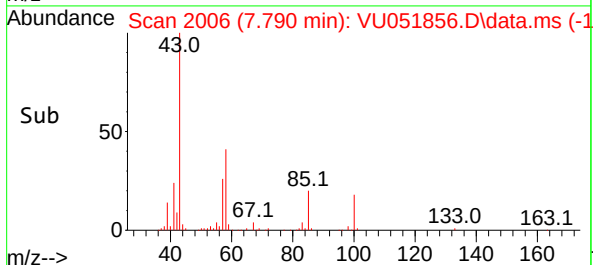
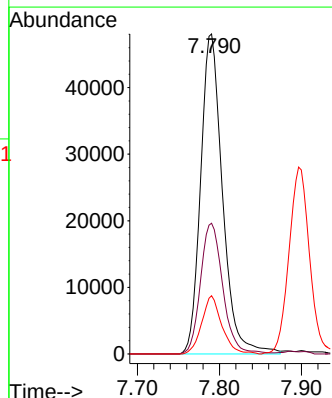
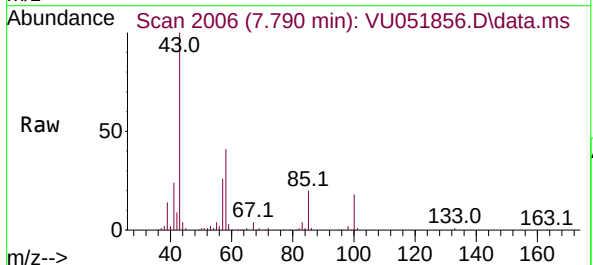
Tgt Ion: 43 Resp: 89060

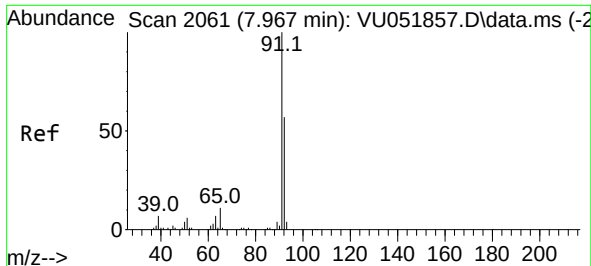
Ion Ratio Lower Upper

43 100

58 41.6 35.4 53.2

100 16.5 13.4 20.0





#42

Toluene

Concen: 8.510 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

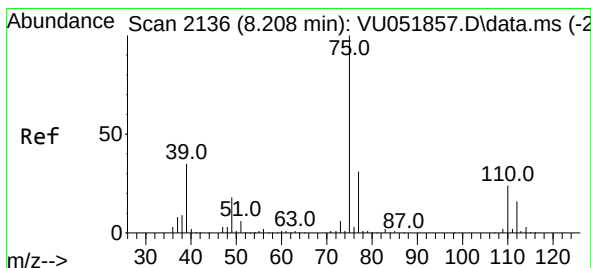
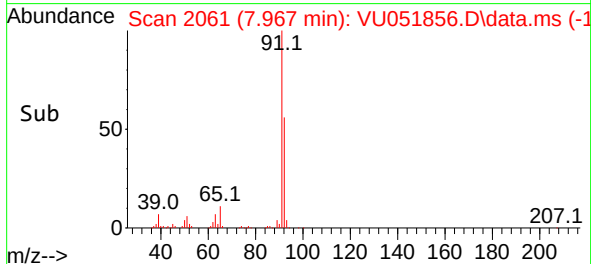
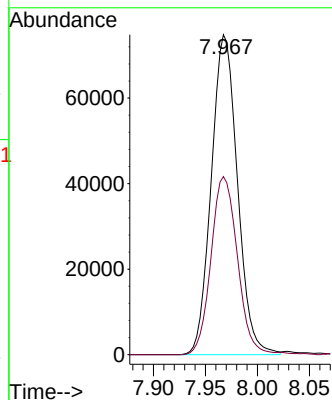
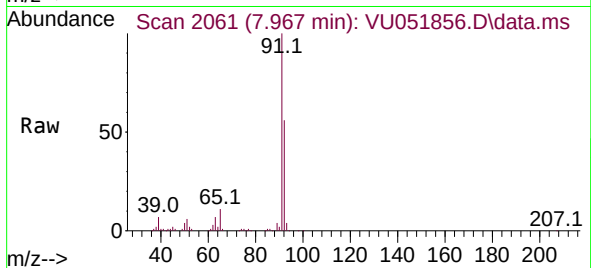
VSTD010050

Tgt Ion: 91 Resp: 131088

Ion Ratio Lower Upper

91 100

92 55.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 8.164 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051856.D

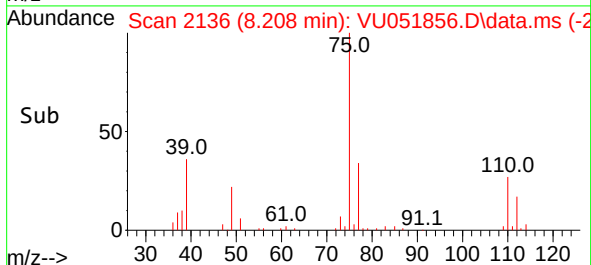
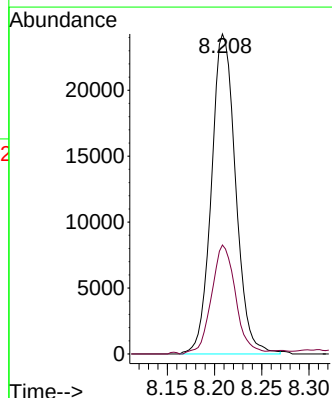
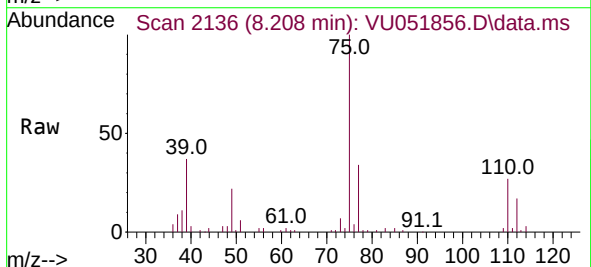
Acq: 15 Nov 2022 12:37

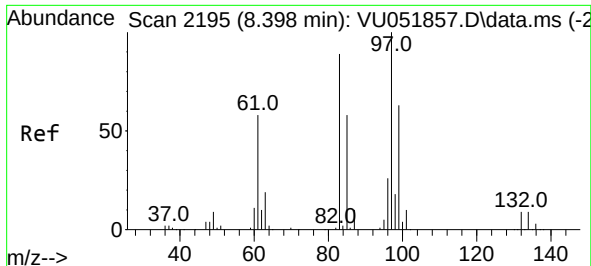
Tgt Ion: 75 Resp: 43204

Ion Ratio Lower Upper

75 100

77 34.0 21.8 40.6

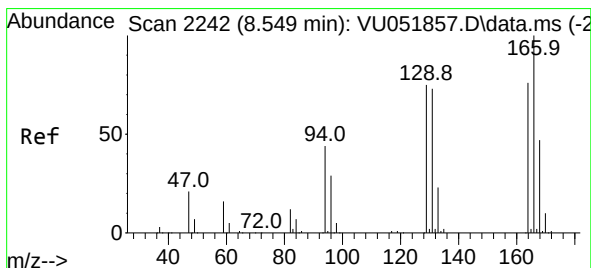
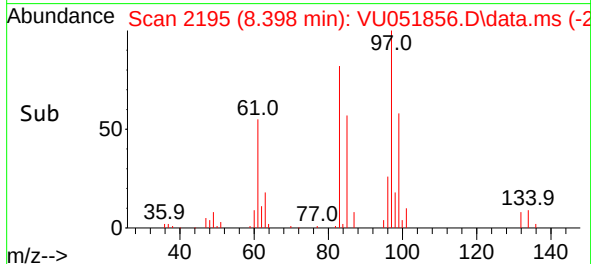
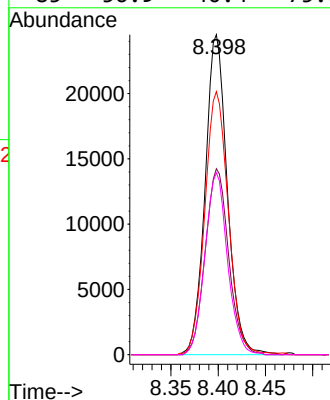
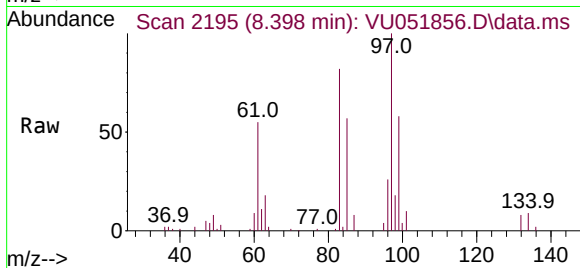




#45
1,1,2-Trichloroethane
Concen: 9.638 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

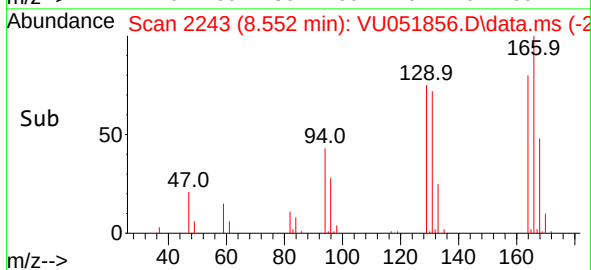
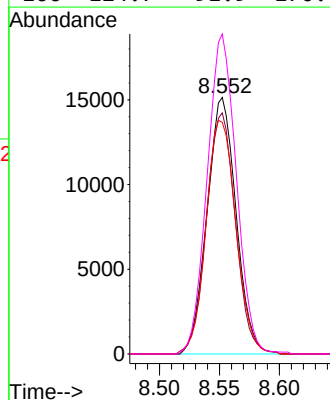
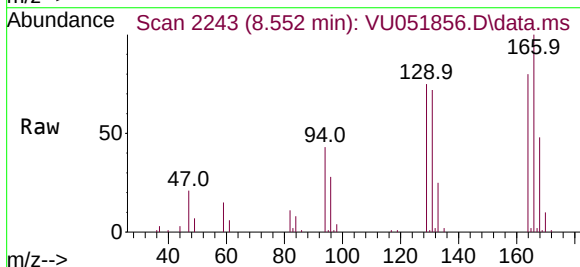
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

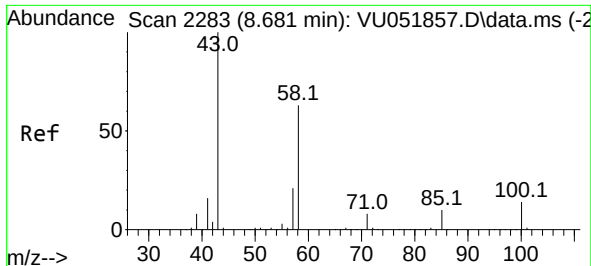
Tgt Ion:	97	Resp:	39983
Ion	Ratio	Lower	Upper
97	100		
99	58.1	44.3	82.3
83	82.2	62.3	115.7
85	56.9	40.4	75.0



#46
Tetrachloroethene
Concen: 9.440 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion:	164	Resp:	25524
Ion	Ratio	Lower	Upper
164	100		
129	94.0	68.5	127.1
131	90.3	66.6	123.8
166	124.7	91.9	170.7

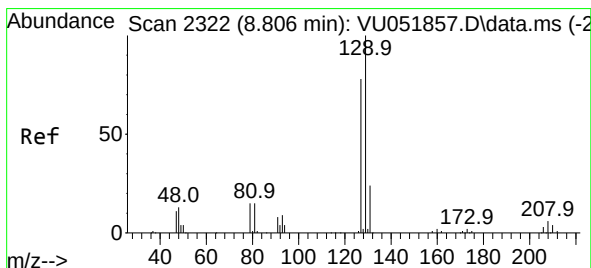
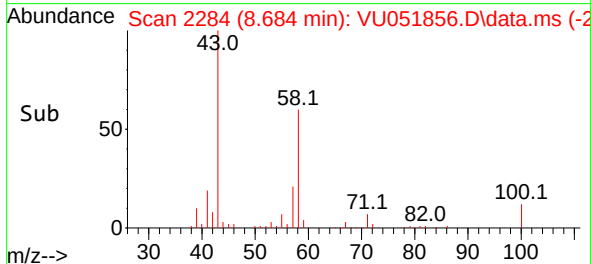
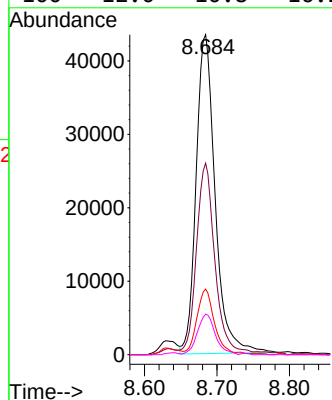
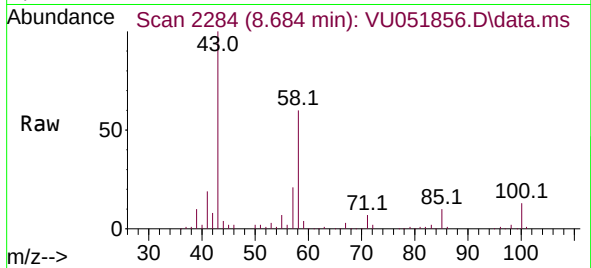




#48
2-Hexanone
Concen: 16.964 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

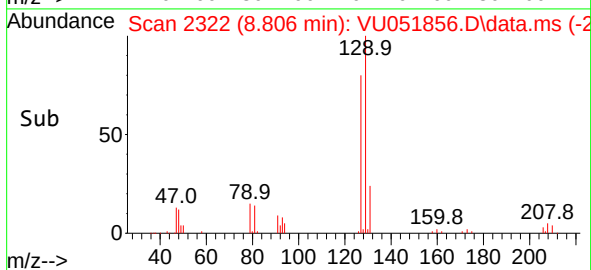
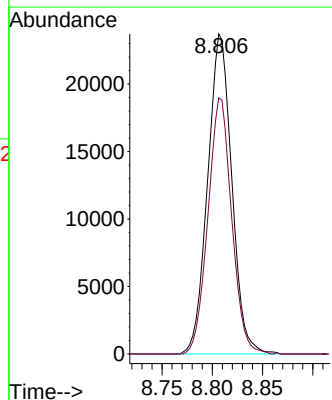
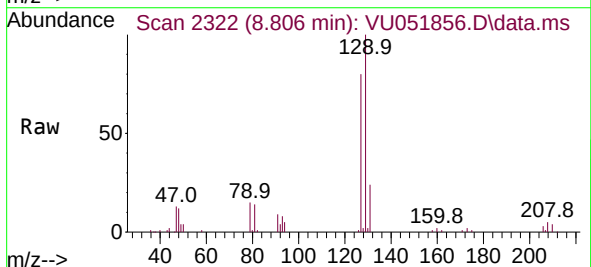
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

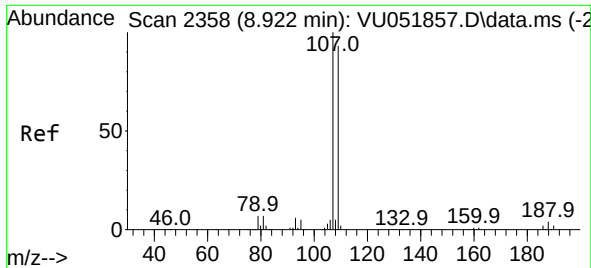
Tgt Ion: 43	Resp: 79342
Ion Ratio	Lower Upper
43 100	
58 56.6	50.6 76.0
57 17.8	16.8 25.2
100 12.0	10.8 16.2



#49
Dibromochloromethane
Concen: 9.267 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion:129	Resp:	39575	
Ion	Ratio	Lower	Upper
129	100		
127	80.1	54.4	101.0

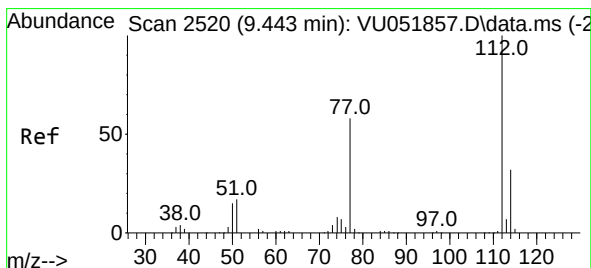
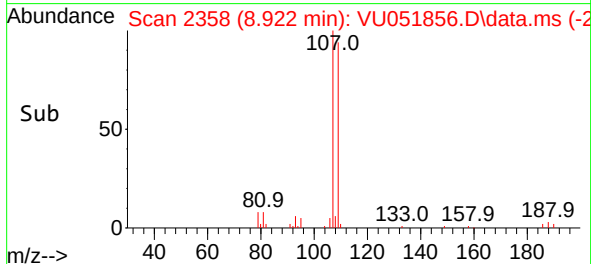
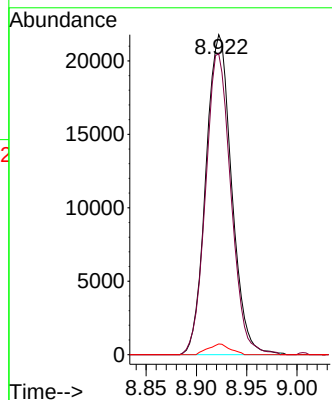
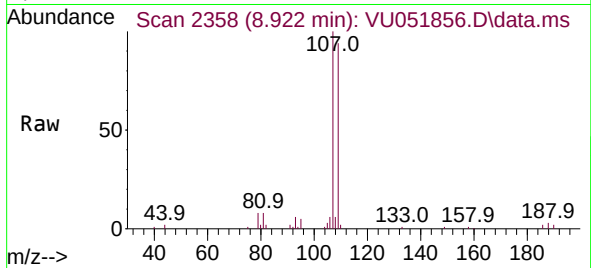




#50
1,2-Dibromoethane
Concen: 9.163 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

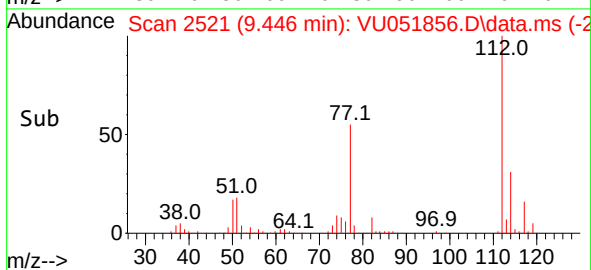
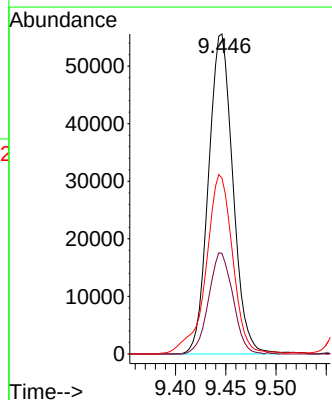
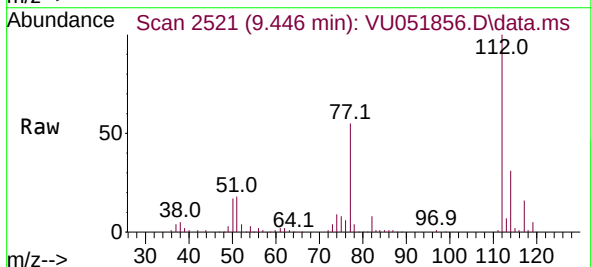
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

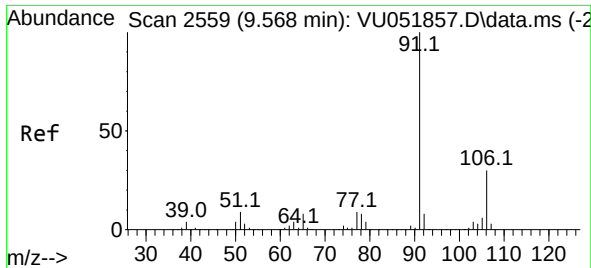
Tgt Ion:107 Resp: 38950
Ion Ratio Lower Upper
107 100
109 94.0 65.0 120.6
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 9.197 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion:112 Resp: 93772
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 54.9 46.7 70.1

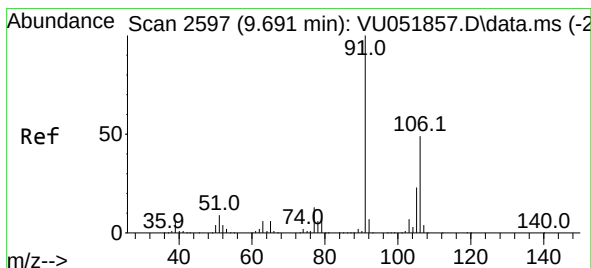
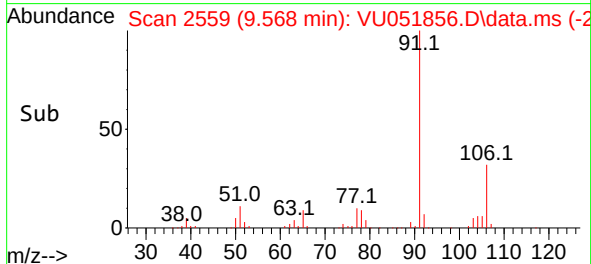
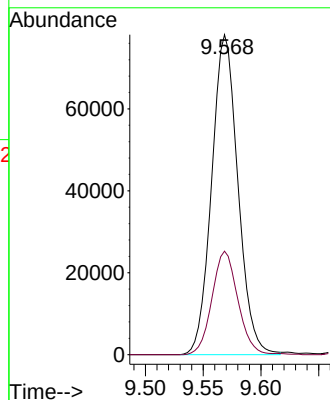
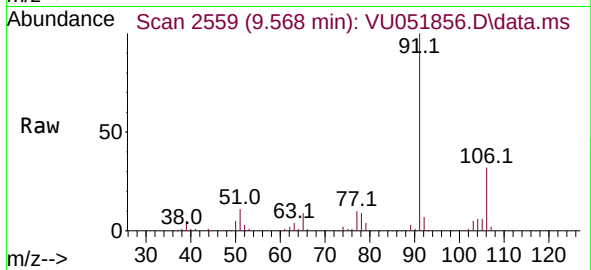




#52
Ethylbenzene
Concen: 7.902 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

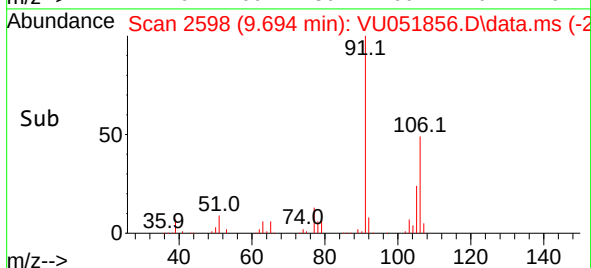
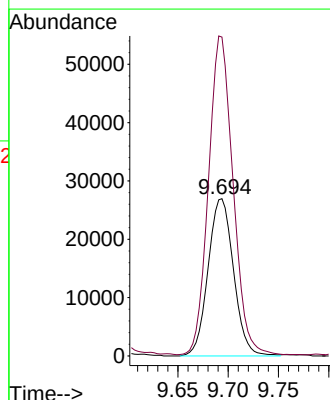
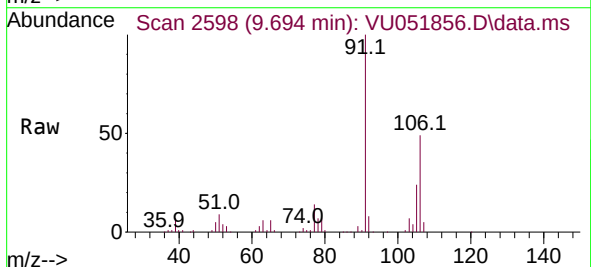
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

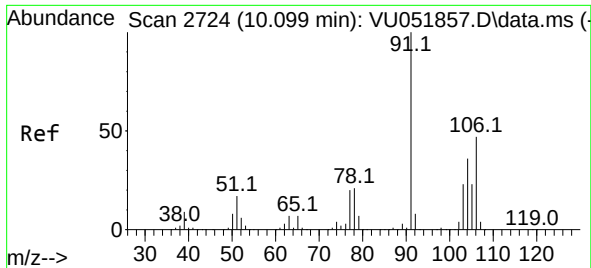
Tgt Ion: 91 Resp: 123489
Ion Ratio Lower Upper
91 100
106 32.4 21.3 39.6



#53
m,p-Xylene
Concen: 7.895 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 106 Resp: 47466
Ion Ratio Lower Upper
106 100
91 202.7 141.7 263.3

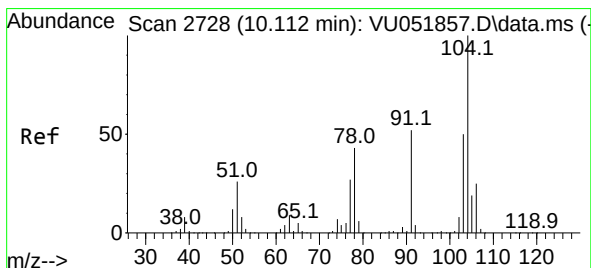
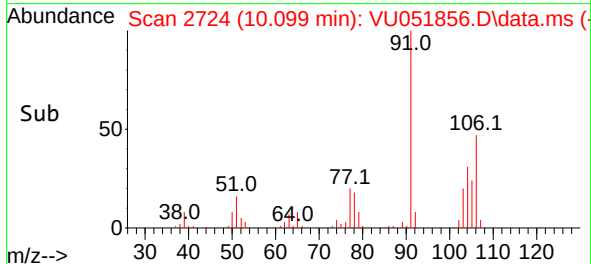
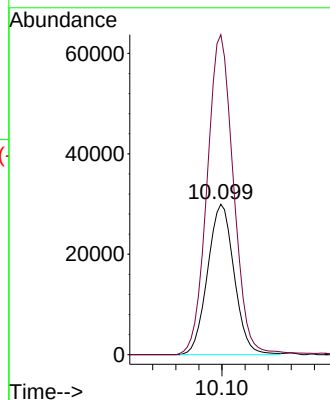
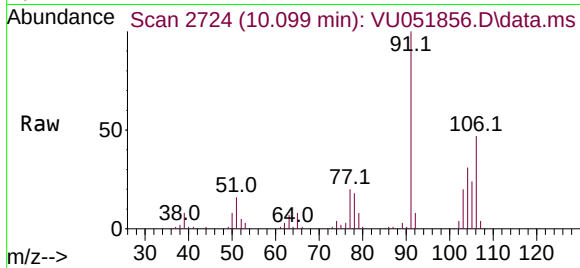




#54
o-Xylene
Concen: 7.991 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

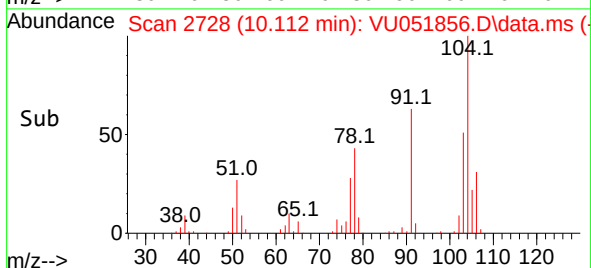
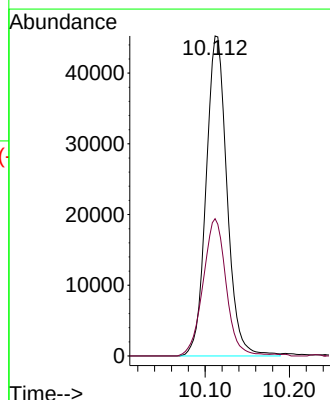
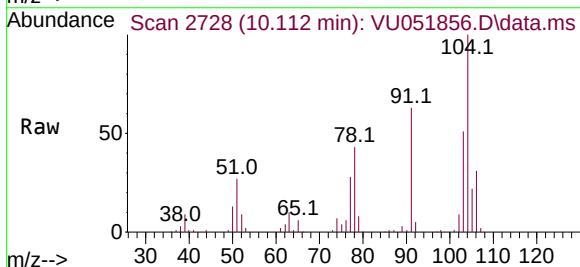
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

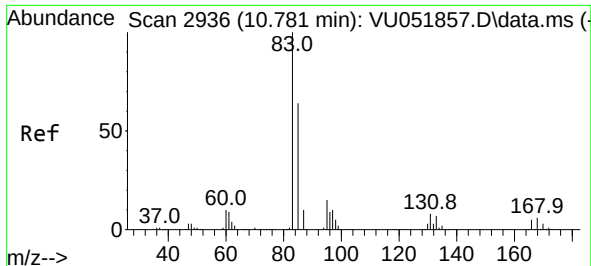
Tgt Ion:106 Resp: 47914
Ion Ratio Lower Upper
106 100
91 212.7 149.7 278.1



#55
Styrene
Concen: 7.522 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion:104 Resp: 78174
Ion Ratio Lower Upper
104 100
78 42.9 30.3 56.3

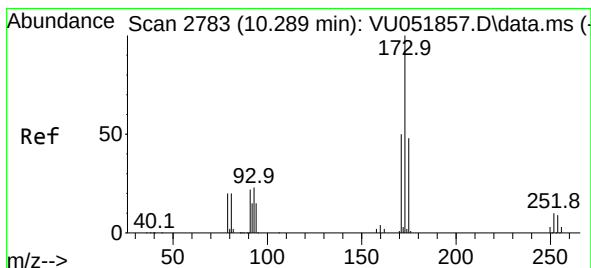
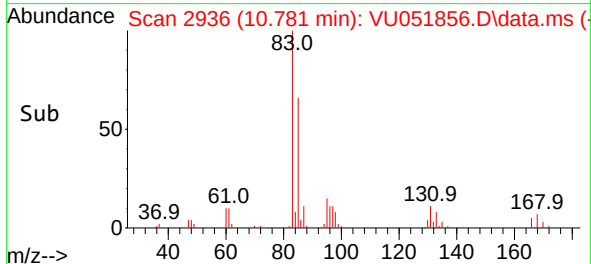
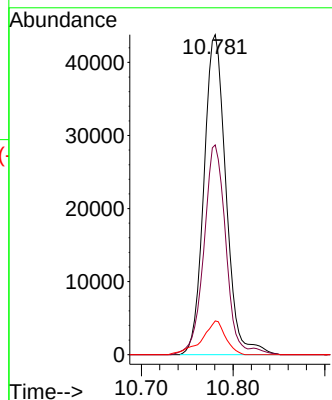
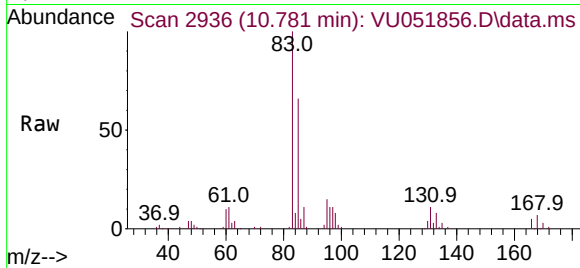




#57
1,1,2,2-Tetrachloroethane
Concen: 9.258 ug/L
RT: 10.781 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

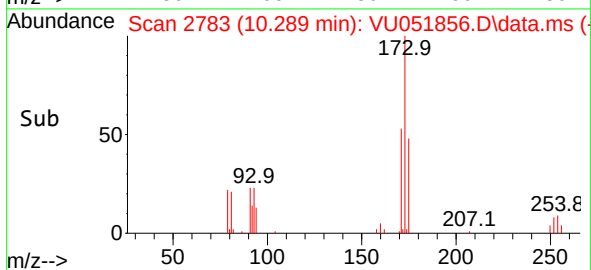
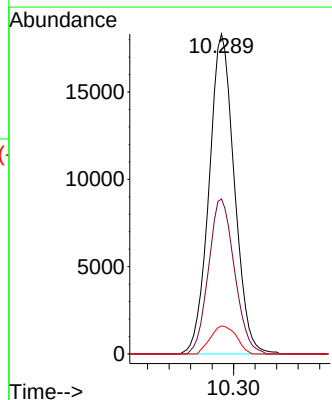
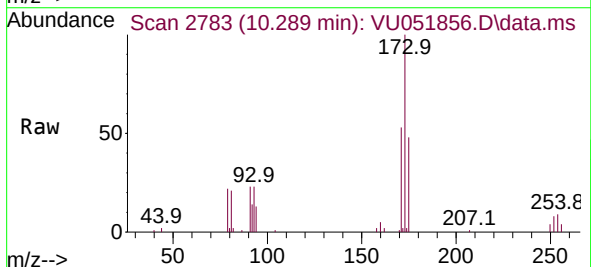
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

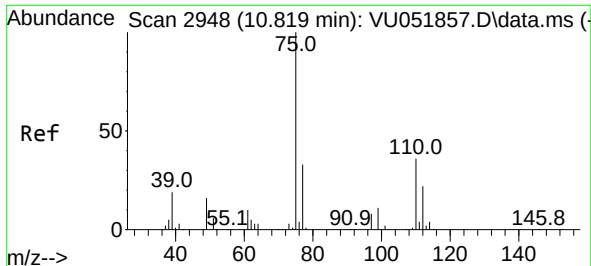
Tgt Ion: 83 Resp: 73127
Ion Ratio Lower Upper
83 100
85 65.6 44.9 83.3
131 10.5 6.8 10.2#



#59
Bromoform
Concen: 10.086 ug/L
RT: 10.289 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion:173 Resp: 29893
Ion Ratio Lower Upper
173 100
175 49.6 38.9 58.3
254 8.9 7.4 11.2

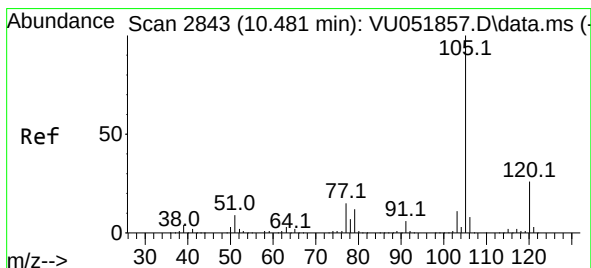
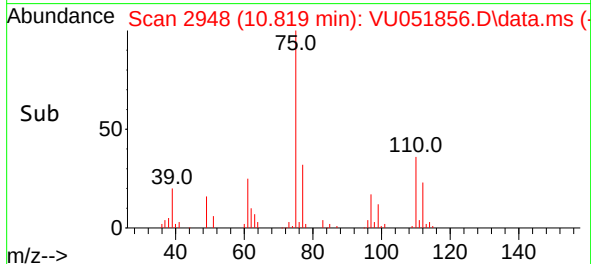
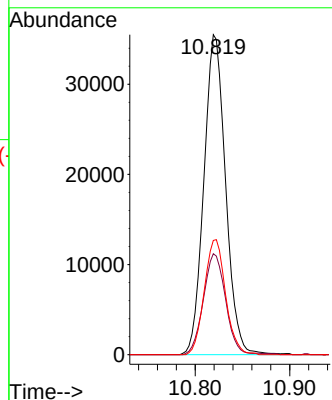
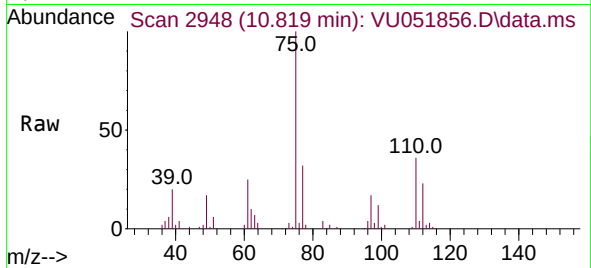




#60
1,2,3-Trichloropropane
Concen: 10.416 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

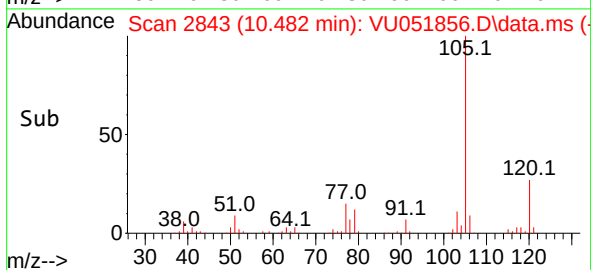
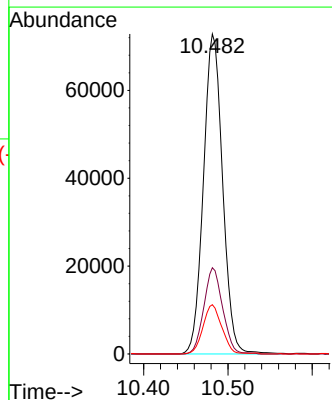
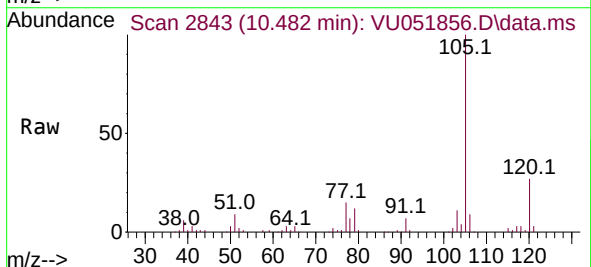
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

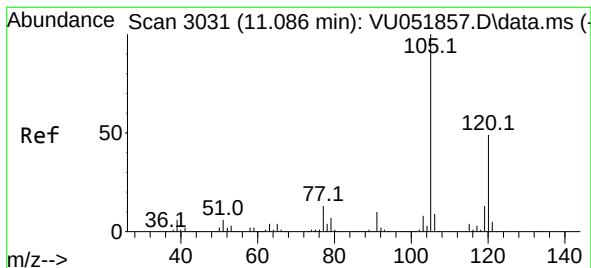
Tgt Ion: 75 Resp: 56672
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
110 35.1 29.0 43.4



#61
Isopropylbenzene
Concen: 8.712 ug/L
RT: 10.482 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 105 Resp: 115508
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.1 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 7.653 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

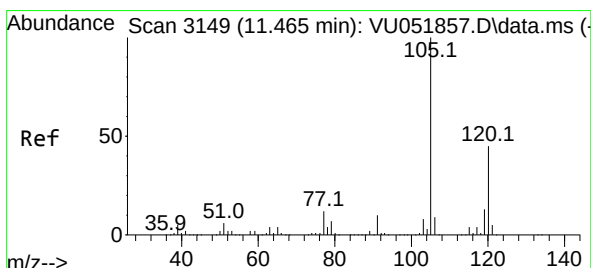
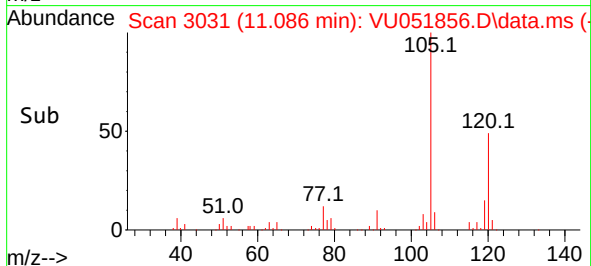
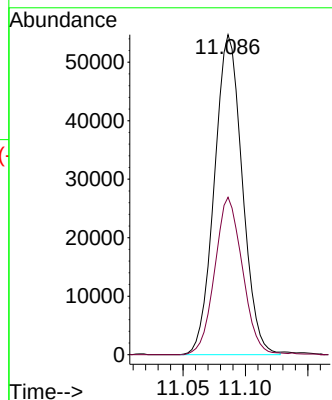
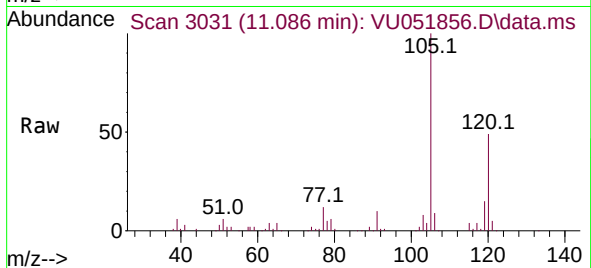
VSTD010050

Tgt Ion:105 Resp: 85212

Ion Ratio Lower Upper

105 100

120 48.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 7.316 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051856.D

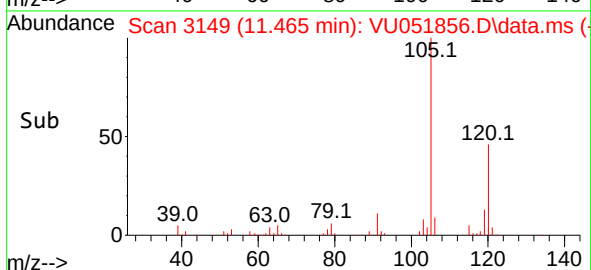
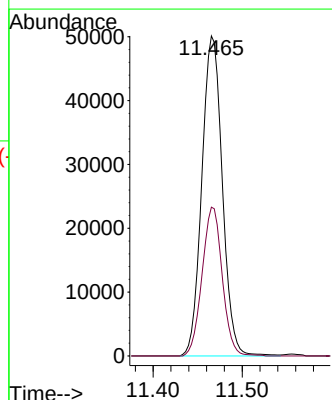
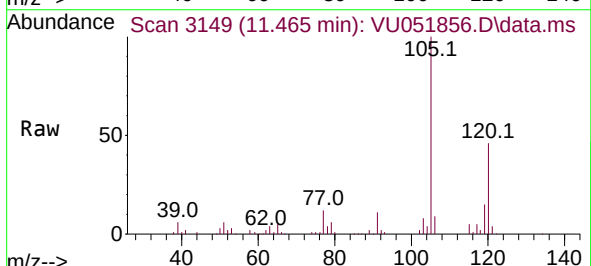
Acq: 15 Nov 2022 12:37

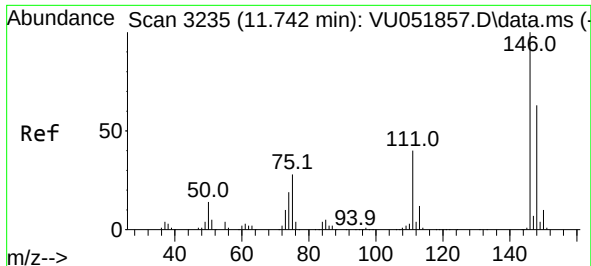
Tgt Ion:105 Resp: 80127

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2

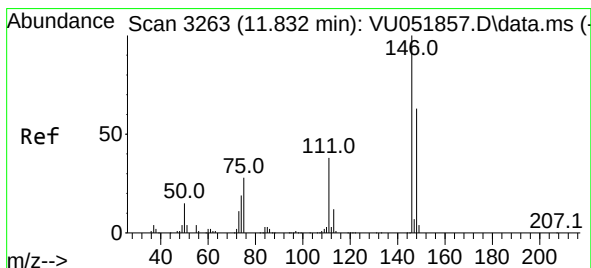
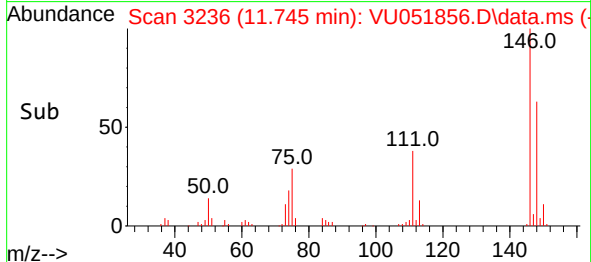
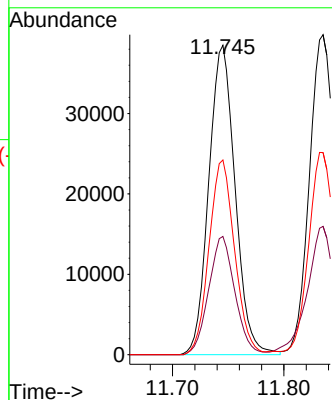
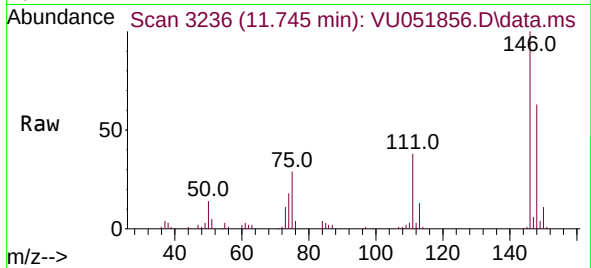




#64
1,3-Dichlorobenzene
Concen: 9.364 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

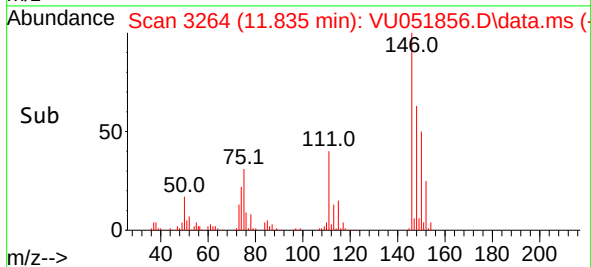
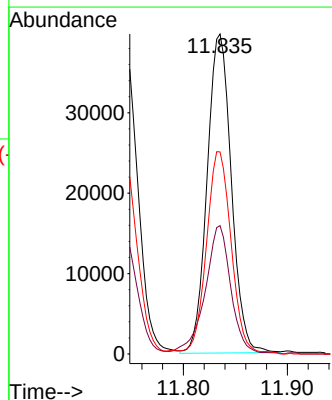
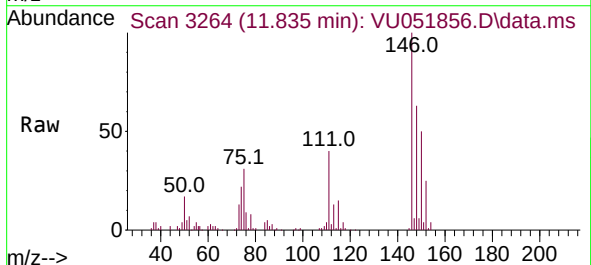
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

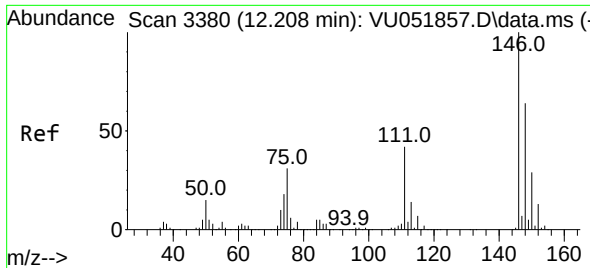
Tgt Ion:146 Resp: 63263
Ion Ratio Lower Upper
146 100
111 38.2 28.1 52.1
148 62.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 9.271 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion:146 Resp: 64264
Ion Ratio Lower Upper
146 100
111 40.1 26.7 49.5
148 63.1 44.4 82.4

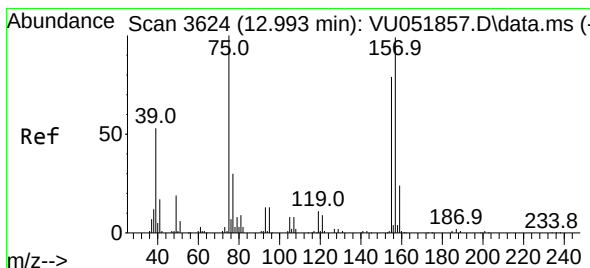
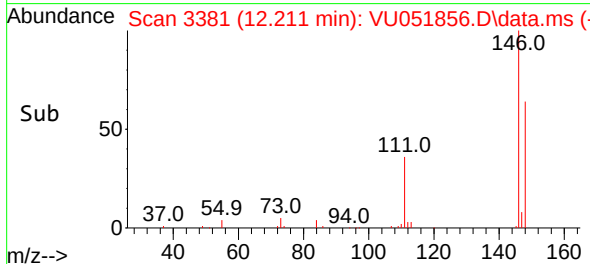
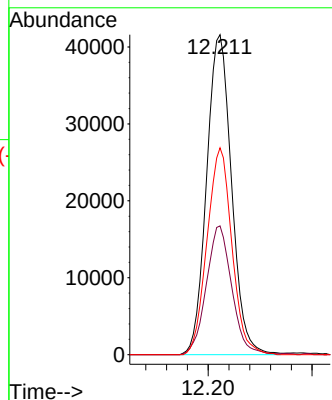
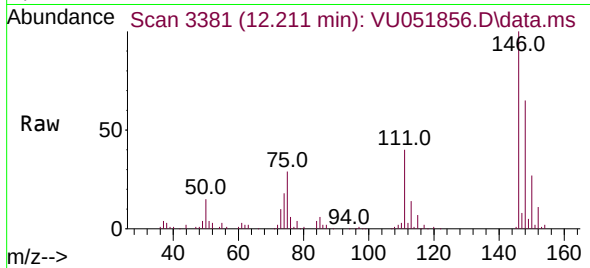




#67
1,2-Dichlorobenzene
Concen: 9.813 ug/L
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

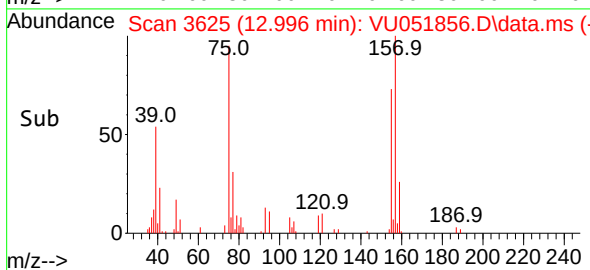
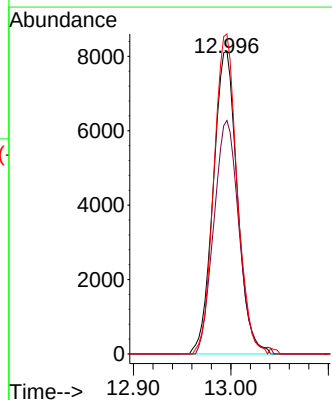
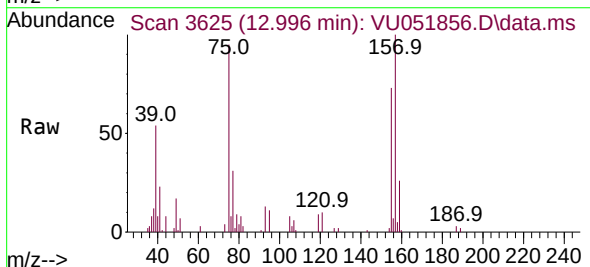
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

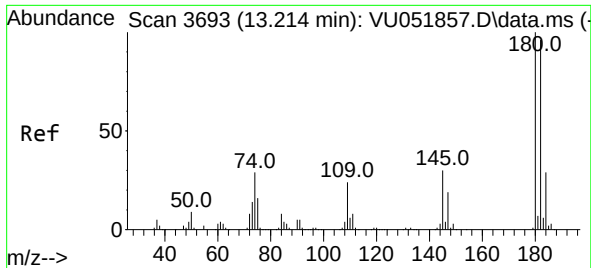
Tgt Ion:146 Resp: 69205
Ion Ratio Lower Upper
146 100
111 40.2 33.6 50.4
148 64.6 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 9.538 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion: 75 Resp: 13964
Ion Ratio Lower Upper
75 100
155 77.1 63.0 94.6
157 105.7 79.4 119.0





#69

1,3,5-Trichlorobenzene

Concen: 8.730 ug/L

RT: 13.218 min Scan# 3693

Delta R.T. 0.003 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD010050

Tgt Ion:180 Resp: 39589

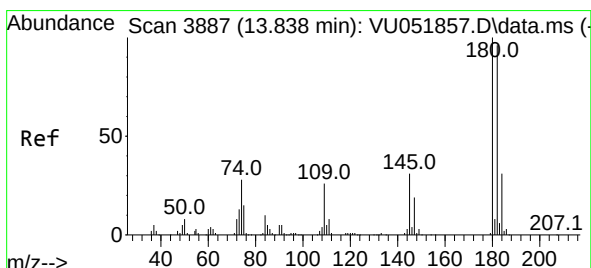
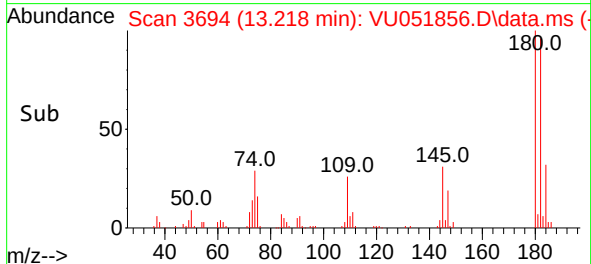
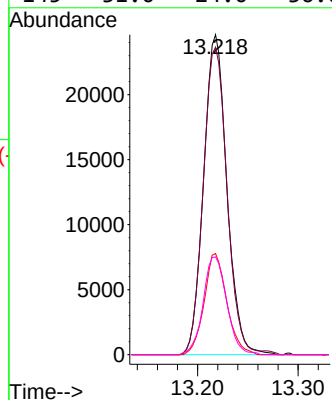
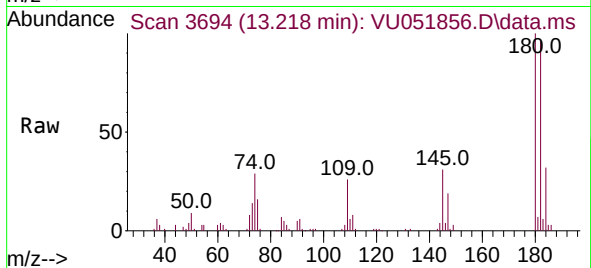
Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.4

184 30.8 23.8 35.8

145 31.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 8.617 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051856.D

Acq: 15 Nov 2022 12:37

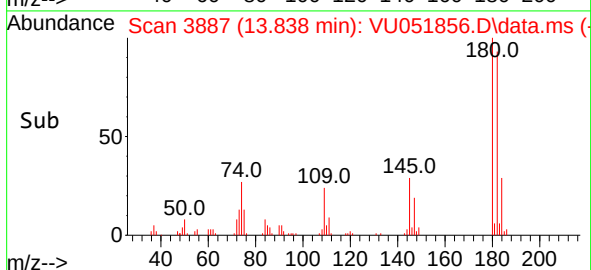
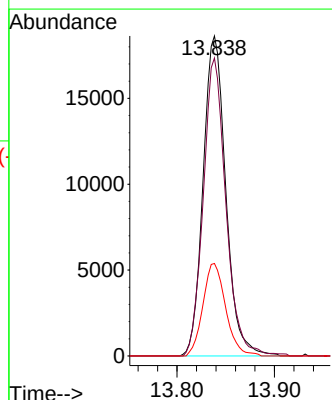
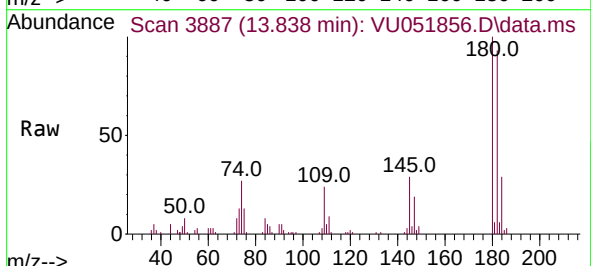
Tgt Ion:180 Resp: 30190

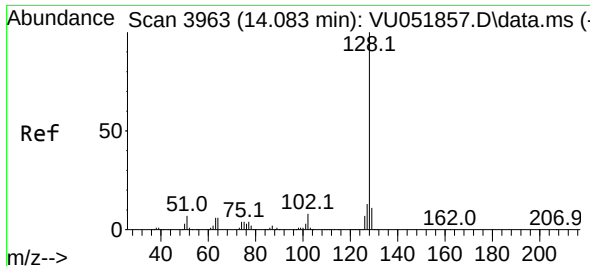
Ion Ratio Lower Upper

180 100

182 92.5 76.4 114.6

145 29.0 24.2 36.2

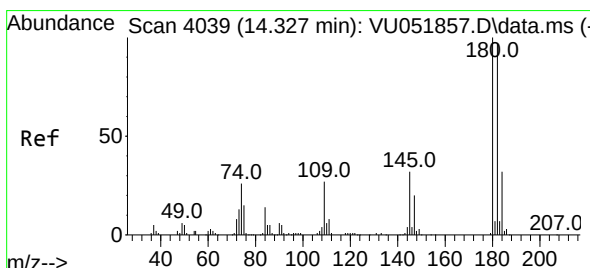
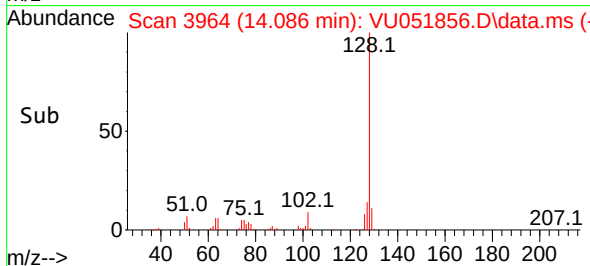
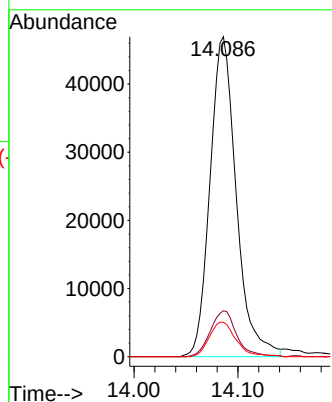
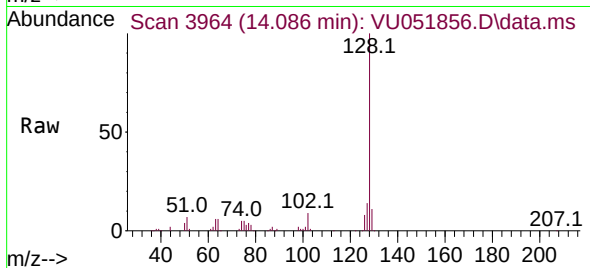




#71
Naphthalene
Concen: 7.287 ug/L
RT: 14.086 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

Tgt Ion:128 Resp: 82468
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 8.823 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051856.D
Acq: 15 Nov 2022 12:37

Tgt Ion:180 Resp: 33096
Ion Ratio Lower Upper
180 100
182 94.2 76.9 115.3
145 30.8 24.9 37.3

