

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051857.D
 Acq On : 15 Nov 2022 13:01
 Operator : JC/MD
 Sample : VSTD05051
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050051

Quant Time: Nov 16 00:43:46 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	508786	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	511232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	268299	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	122807	32.856	ug/L	0.00
7) Chloroethane-d5	1.897	69	121381	38.417	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	226314	35.155	ug/L	0.00
21) 2-Butanone-d5	4.617	46	278913	98.501	ug/L	0.00
24) Chloroform-d	5.060	84	309610	43.020	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	183465	41.212	ug/L	0.00
32) Benzene-d6	5.723	84	545058	41.447	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	197886	44.780	ug/L	0.00
41) Toluene-d8	7.896	98	462367	39.351	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	80334	43.373	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	209670	105.071	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	383494	48.896	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	229461	46.371	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	160388	37.704	ug/L	100
3) Chloromethane	1.524	50	202050	36.924	ug/L	100
5) Vinyl chloride	1.604	62	216346	39.835	ug/L	100
6) Bromomethane	1.832	94	94221	34.388	ug/L	100
8) Chloroethane	1.919	64	139093	42.374	ug/L	100
9) Trichlorofluoromethane	2.131	101	263497	41.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	167107	42.826	ug/L	100
12) 1,1-Dichloroethene	2.575	96	155709	42.334	ug/L	100
13) Acetone	2.620	43	287563	88.948	ug/L	100
14) Carbon disulfide	2.790	76	424090	36.323	ug/L	100
15) Methyl Acetate	2.942	43	204907	42.726	ug/L	100
16) Methylene chloride	3.041	84	215310	43.963	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	162581	42.926	ug/L	100
18) Methyl tert-butyl Ether	3.360	73	507118	46.131	ug/L	100
19) 1,1-Dichloroethane	3.864	63	331196	43.985	ug/L	100
20) cis-1,2-Dichloroethene	4.662	96	191804	45.796	ug/L	100
22) 2-Butanone	4.697	43	343336	92.091	ug/L	100
23) Bromochloromethane	4.970	128	104668	44.513	ug/L	100
25) Chloroform	5.086	83	345922	44.484	ug/L	100
27) 1,2-Dichloroethane	5.790	62	255874	42.767	ug/L	100
29) Cyclohexane	5.385	56	243476	46.608	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	265470	44.654	ug/L	100
31) Carbon tetrachloride	5.520	117	226684	45.045	ug/L	100
33) Benzene	5.771	78	772507	46.966	ug/L	100
34) Trichloroethene	6.540	95	176261	44.457	ug/L	100
35) Methylcyclohexane	6.761	83	264029	46.856	ug/L	100
37) 1,2-Dichloropropane	6.787	63	209146	46.208	ug/L	100
38) Bromodichloromethane	7.102	83	263479	45.611	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	281075	47.052	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	585864	97.006	ug/L	100
42) Toluene	7.967	91	823340	48.863	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	269857	46.618	ug/L	100

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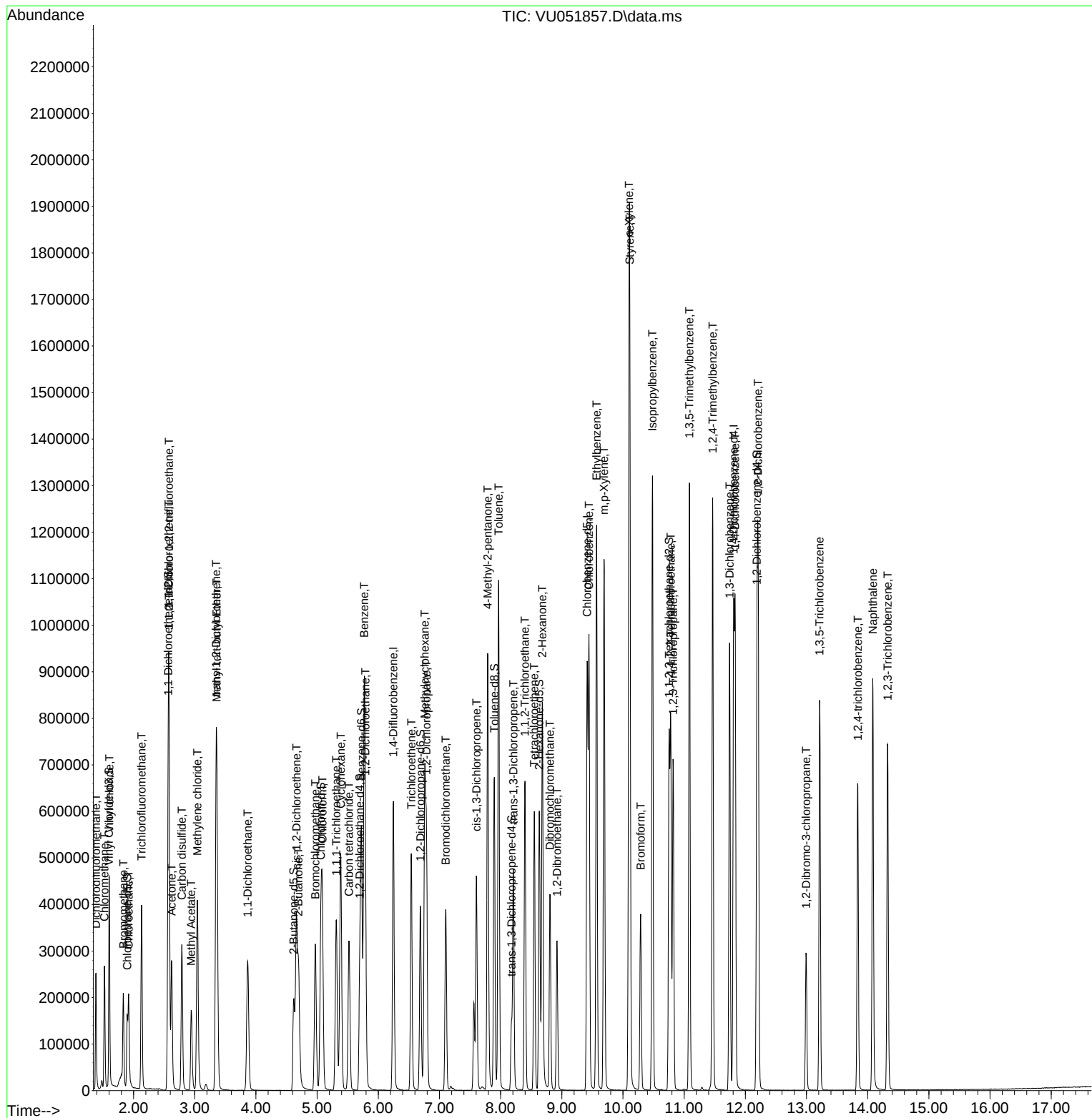
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	210366	46.359	ug/L	100
46) Tetrachloroethene	8.549	164	135959	45.972	ug/L	100
48) 2-Hexanone	8.681	43	492441	96.256	ug/L	100
49) Dibromochloromethane	8.806	129	219896	47.074	ug/L	100
50) 1,2-Dibromoethane	8.922	107	214323	46.093	ug/L	100
51) Chlorobenzene	9.443	112	524579	47.038	ug/L	100
52) Ethylbenzene	9.568	91	838303	49.044	ug/L	100
53) m,p-Xylene	9.691	106	332646	50.580	ug/L	100
54) o-Xylene	10.099	106	334749	51.042	ug/L	100
55) Styrene	10.112	104	594552	52.303	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.781	83	400758	46.386	ug/L	100
59) Bromoform	10.289	173	172307	45.958	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	304911	44.301	ug/L	100
61) Isopropylbenzene	10.481	105	840160	50.088	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	683137	48.499	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	689670	49.775	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	402000	47.037	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	402452	45.897	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	417632	46.811	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.993	75	77740	41.973	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	265367	46.259	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	207083	46.725	ug/L	100
71) Naphthalene	14.083	128	725125	50.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	237351	50.017	ug/L	100

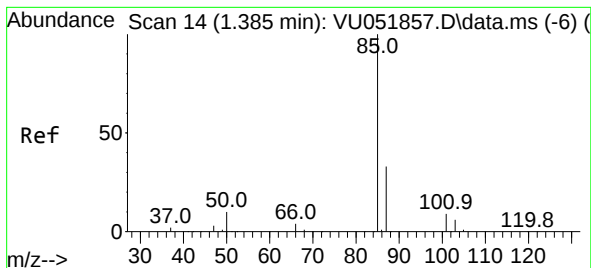
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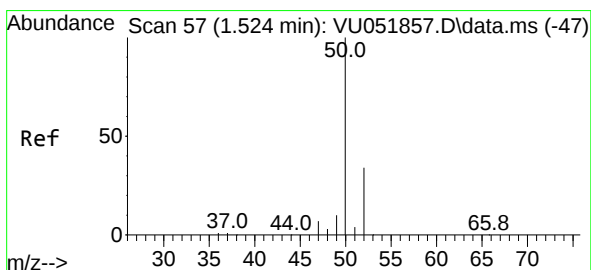
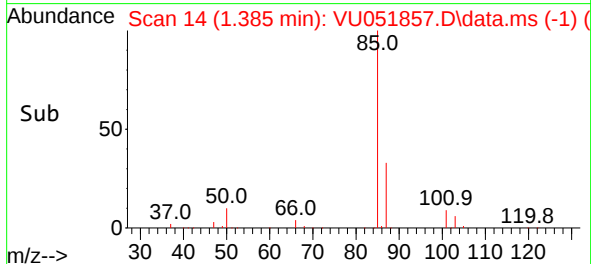
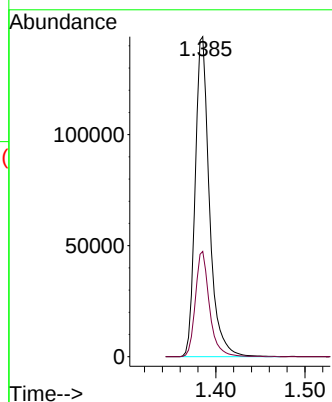
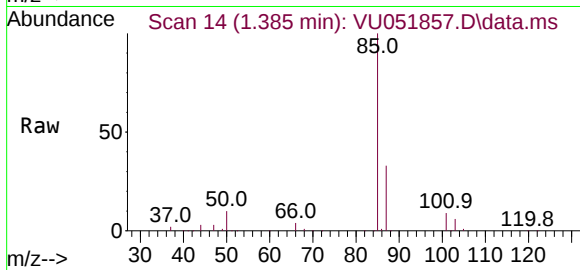




#2
Dichlorodifluoromethane
Concen: 37.704 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

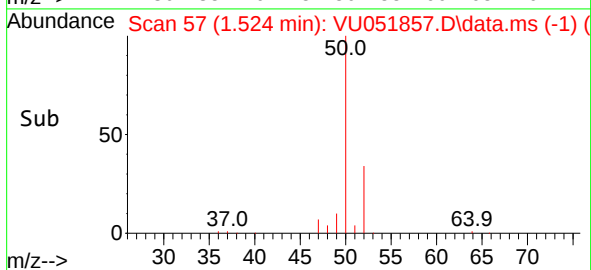
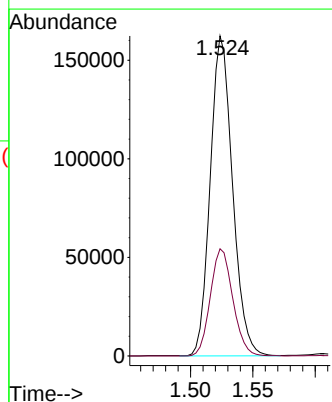
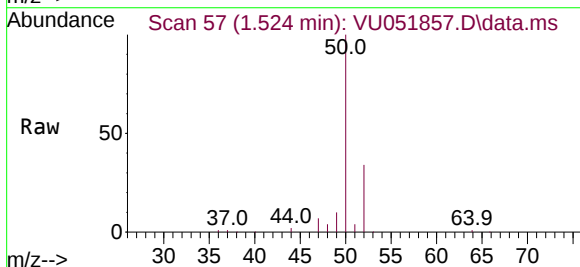
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

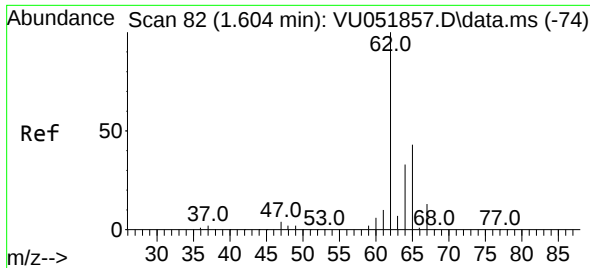
Tgt Ion: 85 Resp: 160388
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 36.924 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 50 Resp: 202050
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6

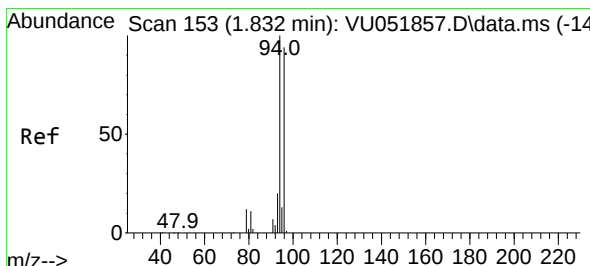
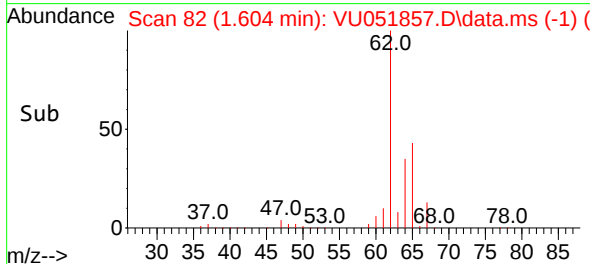
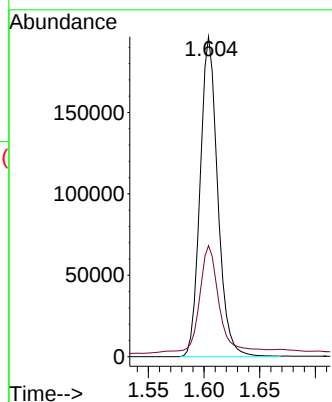
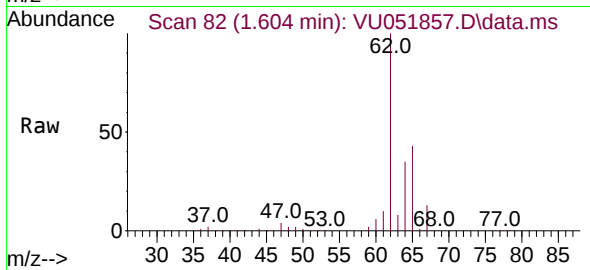




#5
 Vinyl chloride
 Concen: 39.835 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

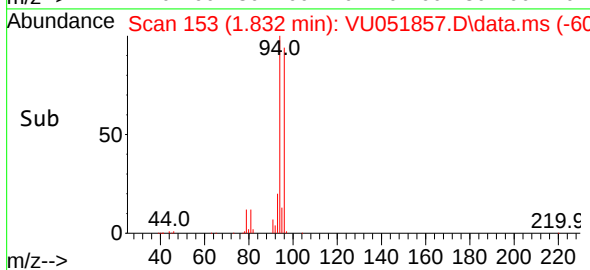
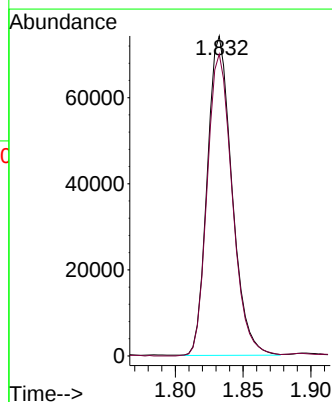
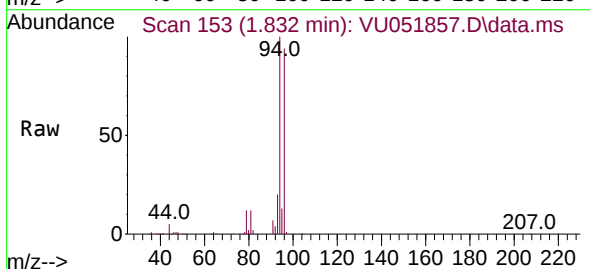
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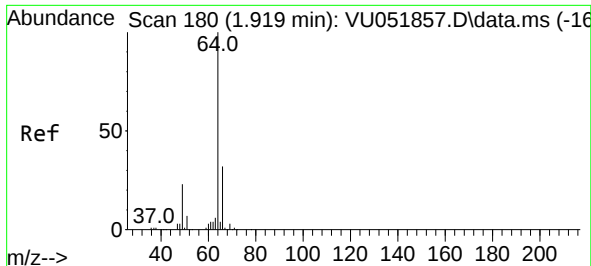
Tgt Ion: 62 Resp: 216346
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.3 45.1



#6
 Bromomethane
 Concen: 34.388 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

Tgt Ion: 94 Resp: 94221
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.1 122.7

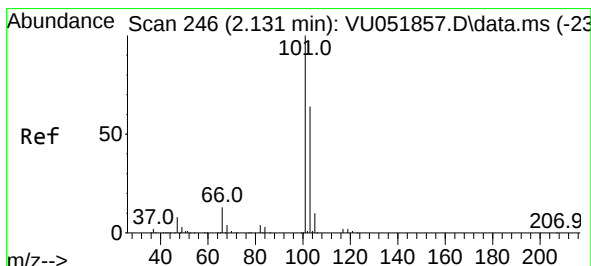
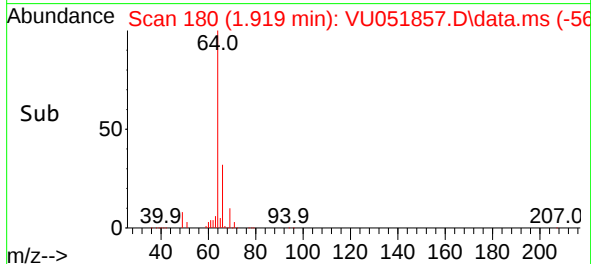
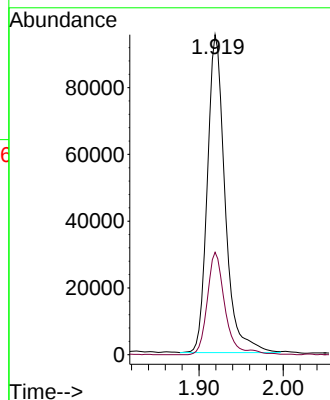
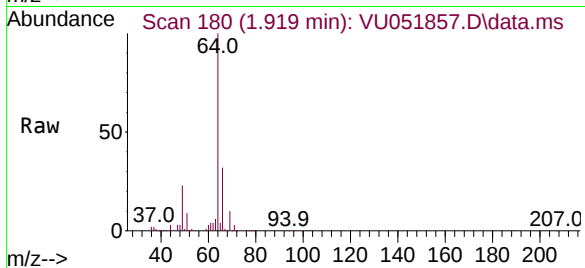




#8
Chloroethane
Concen: 42.374 ug/L
RT: 1.919 min Scan# 180
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

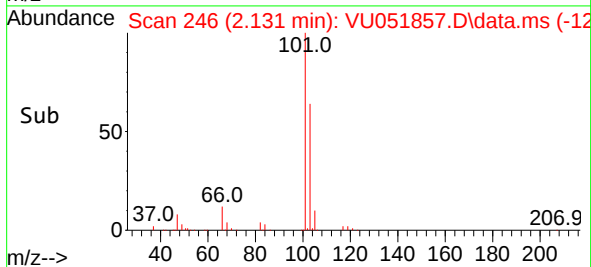
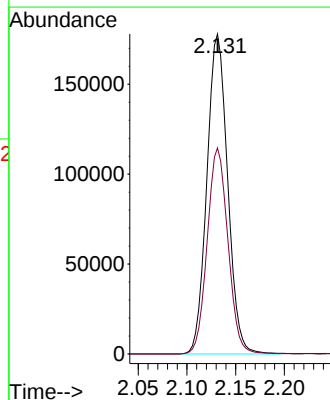
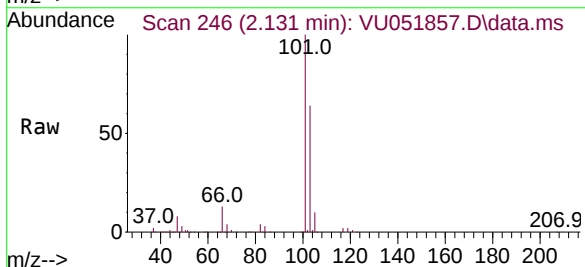
Instrument :
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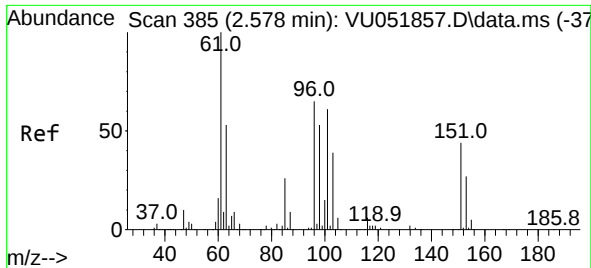
Tgt Ion: 64 Resp: 139093
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 41.726 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 101 Resp: 263497
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

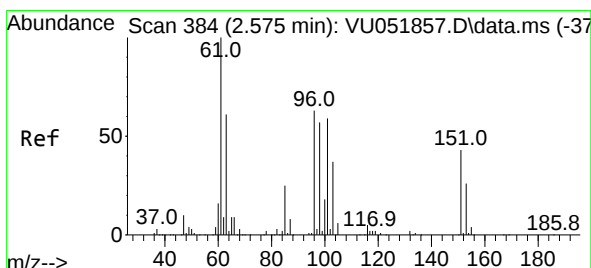
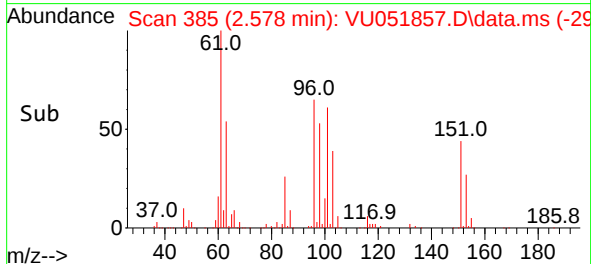
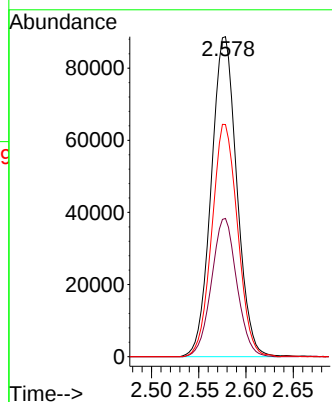
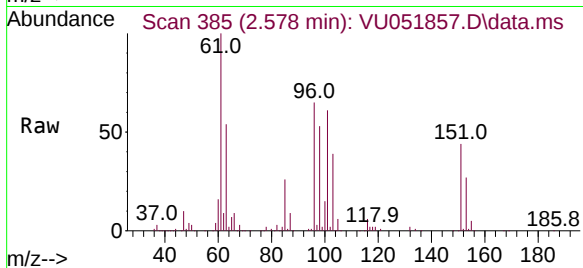




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.826 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

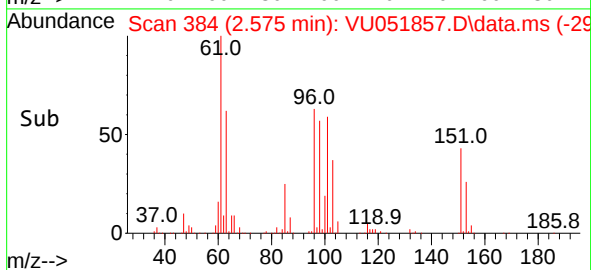
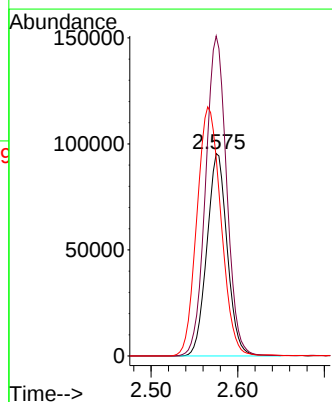
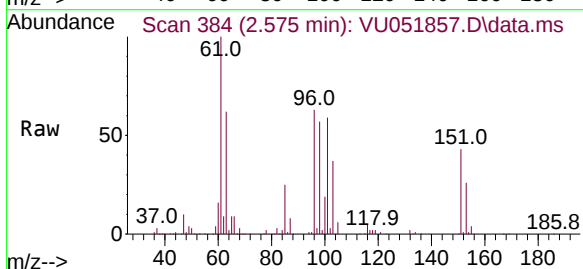
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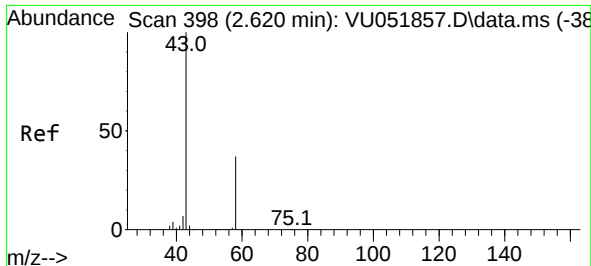
Tgt Ion:101 Resp: 167107
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.2 51.2
 151 72.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 42.334 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

Tgt Ion: 96 Resp: 155709
 Ion Ratio Lower Upper
 96 100
 61 158.1 110.7 205.5
 63 98.0 68.6 127.4





#13

Acetone

Concen: 88.948 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU051857.D

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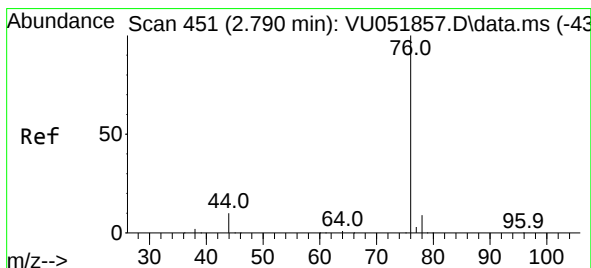
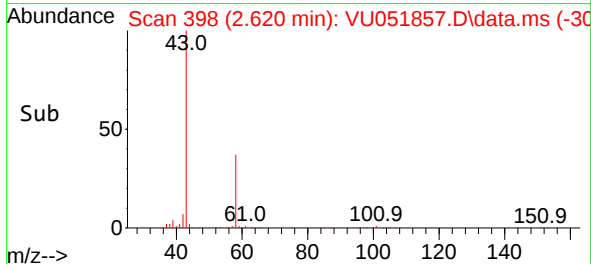
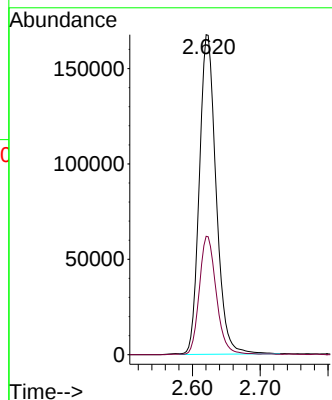
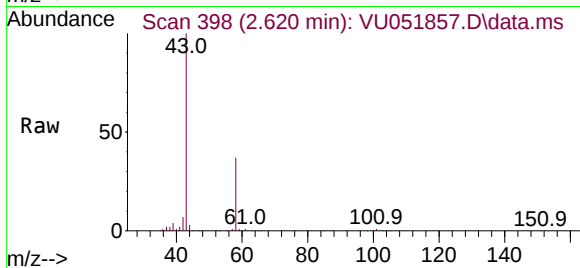
VSTD050051

Tgt Ion: 43 Resp: 287563

Ion Ratio Lower Upper

43 100

58 37.7 0.0 75.4



#14

Carbon disulfide

Concen: 36.323 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051857.D

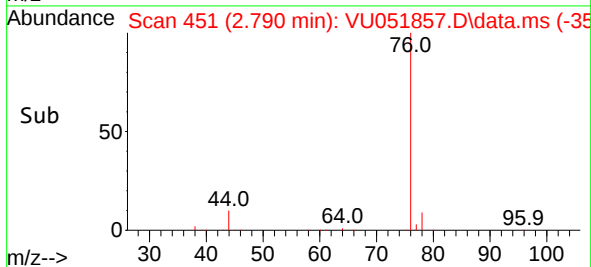
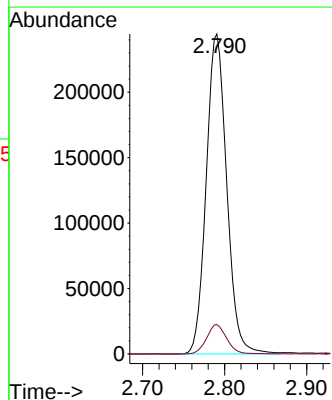
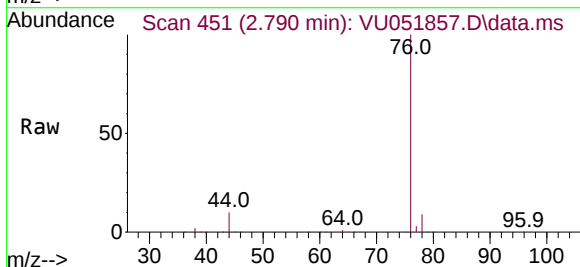
Acq: 15 Nov 2022 13:01

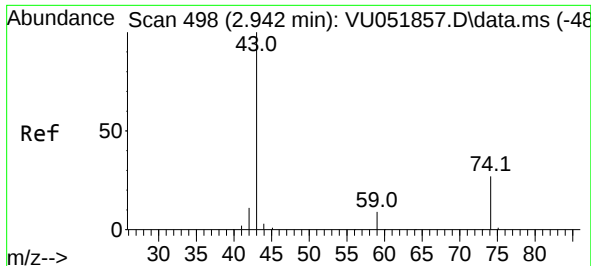
Tgt Ion: 76 Resp: 424090

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

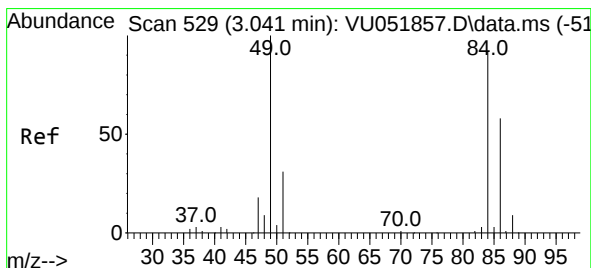
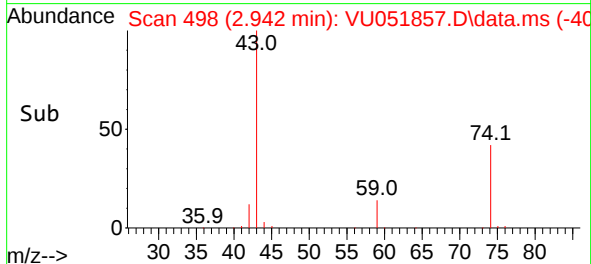
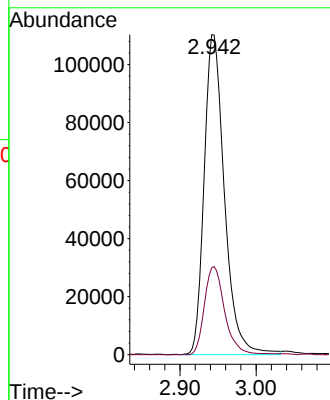
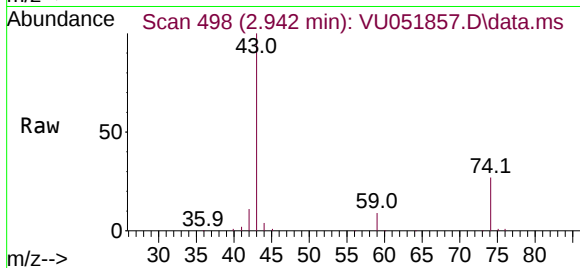




#15
Methyl Acetate
Concen: 42.726 ug/L
RT: 2.942 min Scan# 498
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

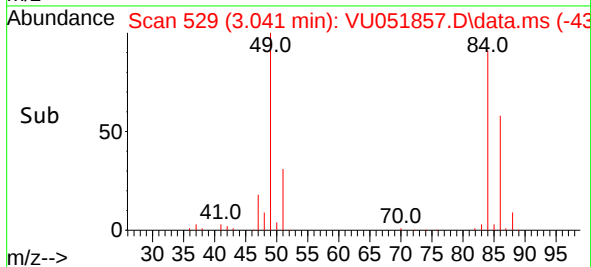
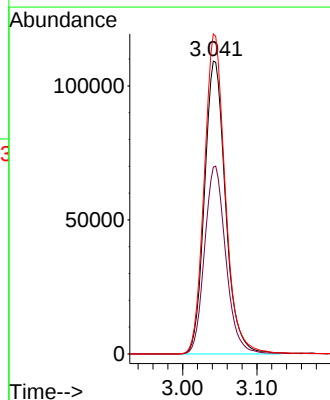
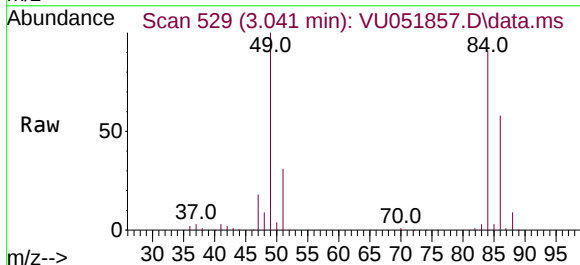
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

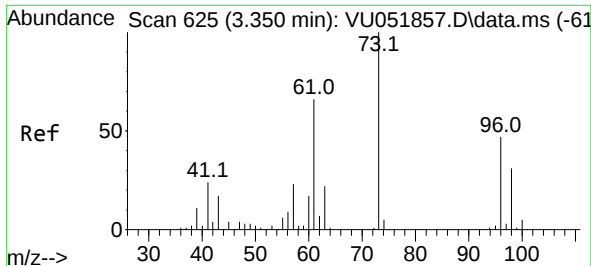
Tgt Ion: 43 Resp: 204907
Ion Ratio Lower Upper
43 100
74 27.3 21.8 32.8



#16
Methylene chloride
Concen: 43.963 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 84 Resp: 215310
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 109.3 76.5 142.1



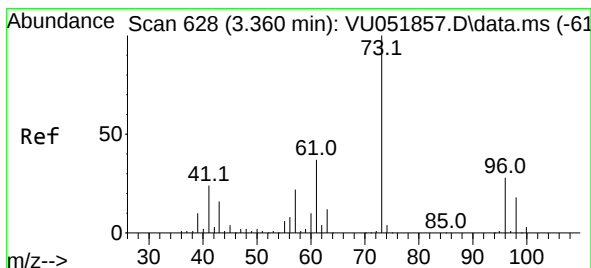
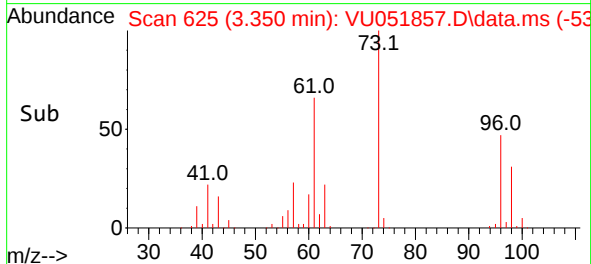
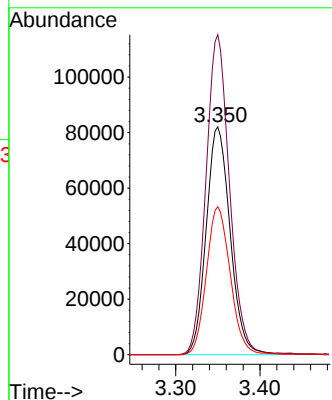
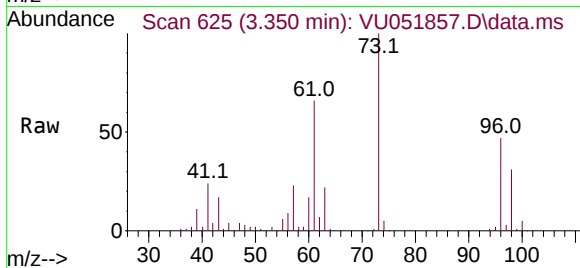


#17
 trans-1,2-Dichloroethene
 Concen: 42.926 ug/L
 RT: 3.350 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050051

Tgt Ion: 96 Resp: 162581

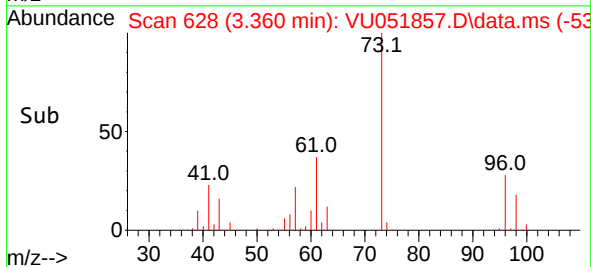
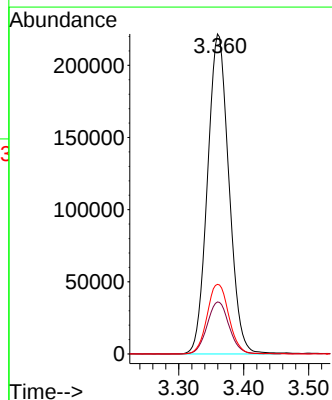
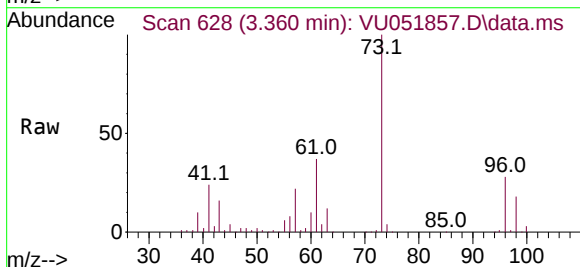
Ion	Ratio	Lower	Upper
96	100		
61	140.5	98.3	182.7
98	65.0	45.5	84.5

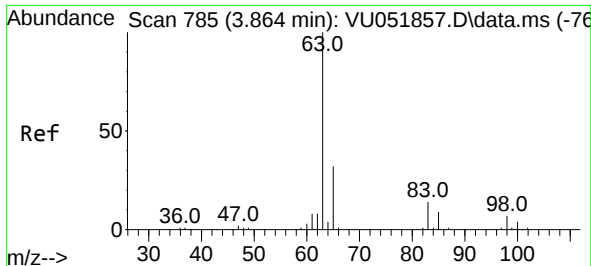


#18
 Methyl tert-butyl Ether
 Concen: 46.131 ug/L
 RT: 3.360 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

Tgt Ion: 73 Resp: 507118

Ion	Ratio	Lower	Upper
73	100		
43	16.7	13.4	20.0
57	22.1	17.7	26.5





#19

1,1-Dichloroethane

Concen: 43.985 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

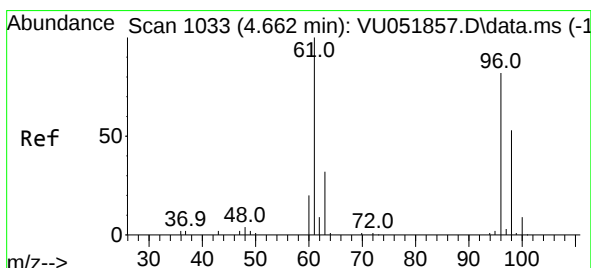
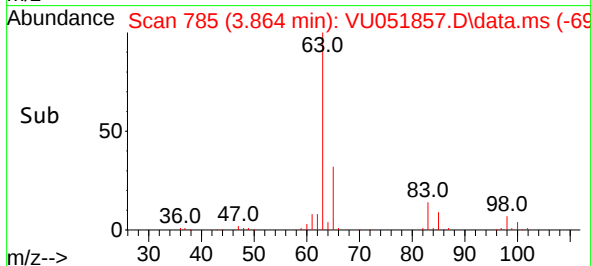
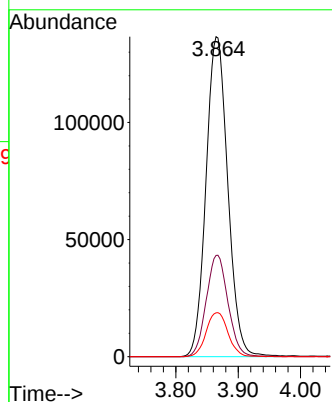
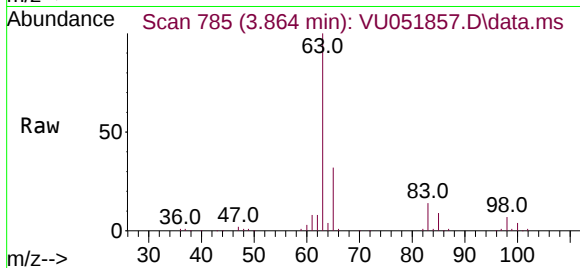
Tgt Ion: 63 Resp: 331196

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 45.796 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

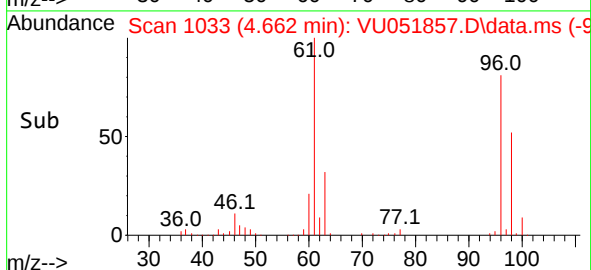
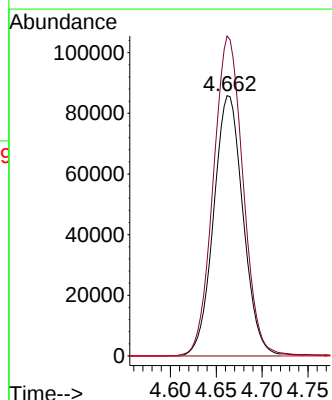
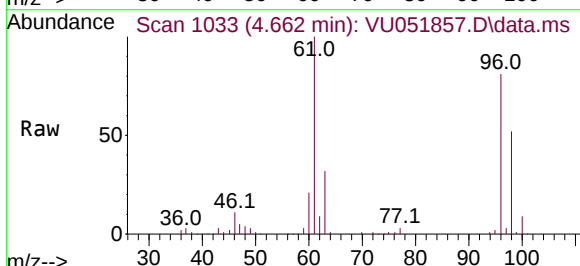
Tgt Ion: 96 Resp: 191804

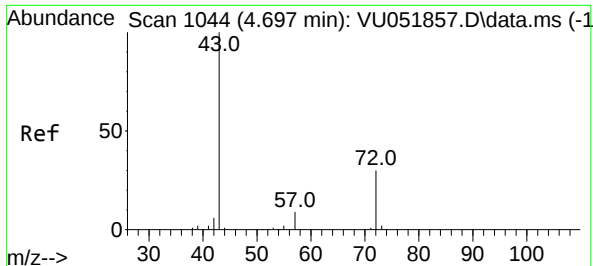
Ion Ratio Lower Upper

96 100

61 122.9 86.0 159.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 92.091 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

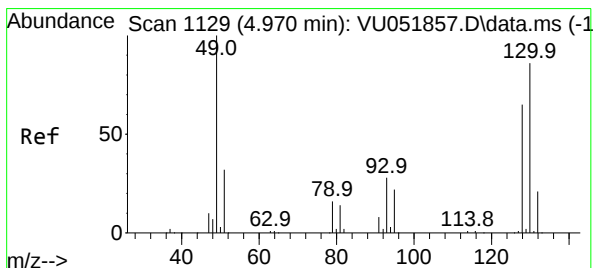
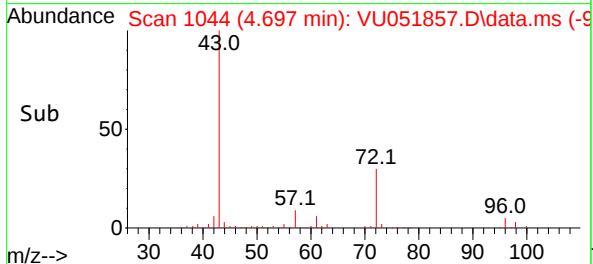
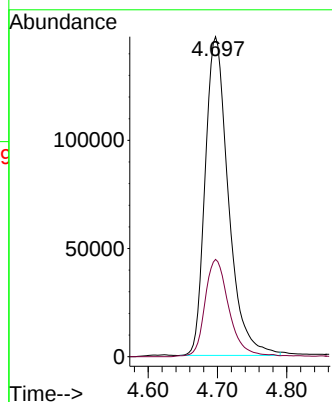
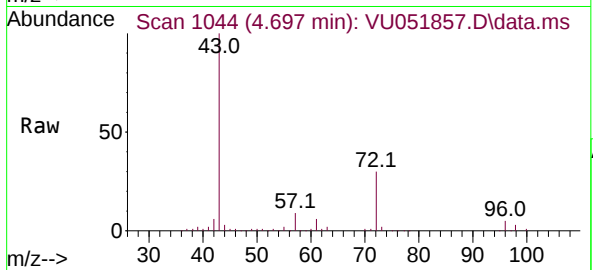
VSTD050051

Tgt Ion: 43 Resp: 343336

Ion Ratio Lower Upper

43 100

72 31.4 15.7 47.1



#23

Bromochloromethane

Concen: 44.513 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Tgt Ion:128 Resp: 104668

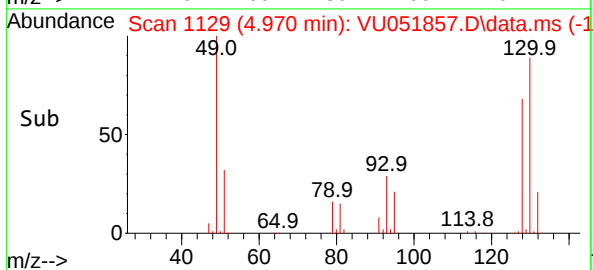
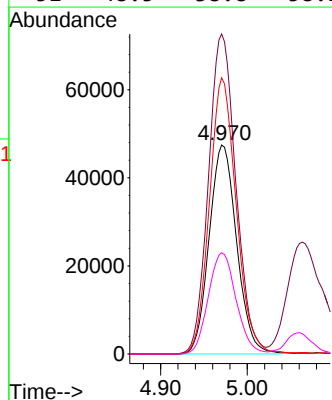
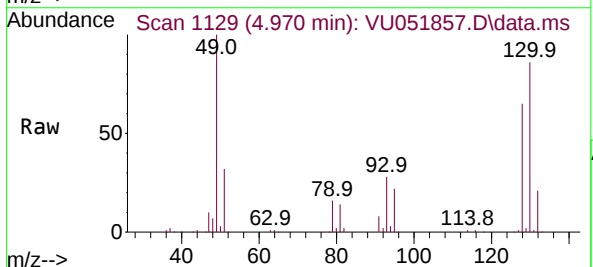
Ion Ratio Lower Upper

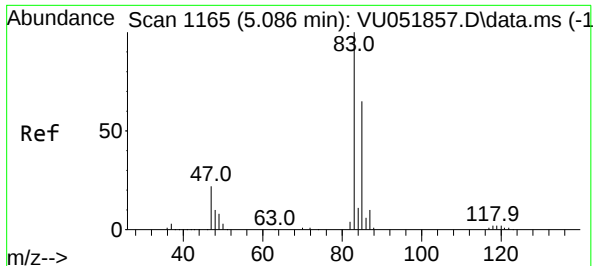
128 100

49 153.1 107.2 199.0

130 132.1 92.5 171.7

51 48.5 38.8 58.2





#25

Chloroform

Concen: 44.484 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

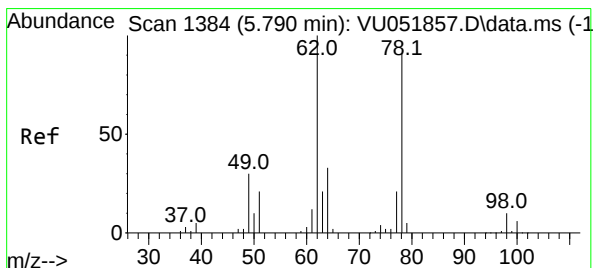
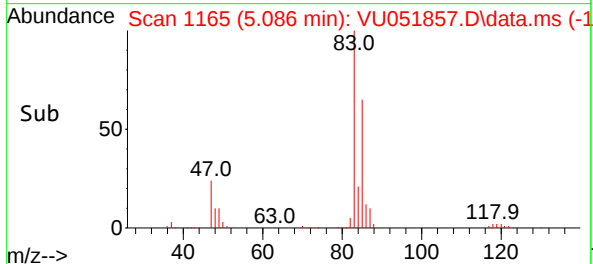
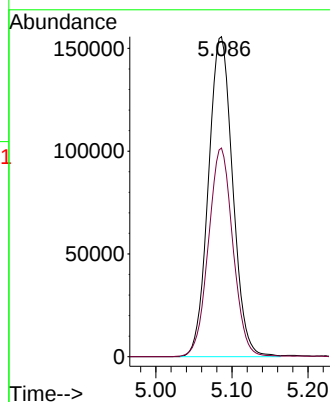
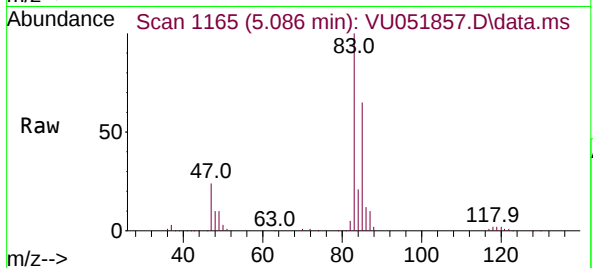
VSTD050051

Tgt Ion: 83 Resp: 345922

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8



#27

1,2-Dichloroethane

Concen: 42.767 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051857.D

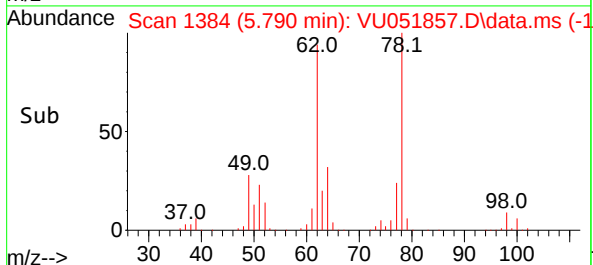
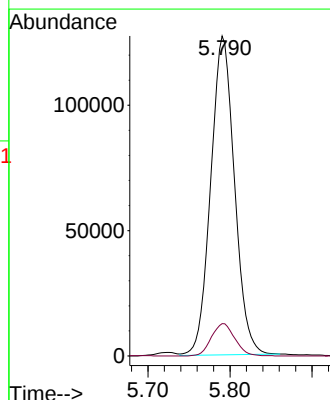
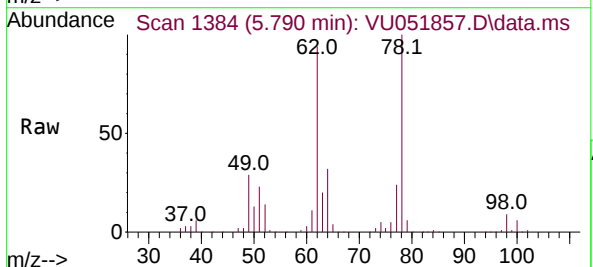
Acq: 15 Nov 2022 13:01

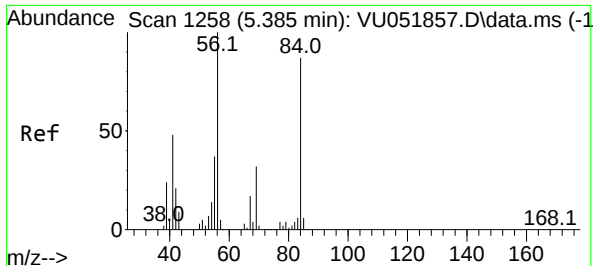
Tgt Ion: 62 Resp: 255874

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

Cyclohexane

Concen: 46.608 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

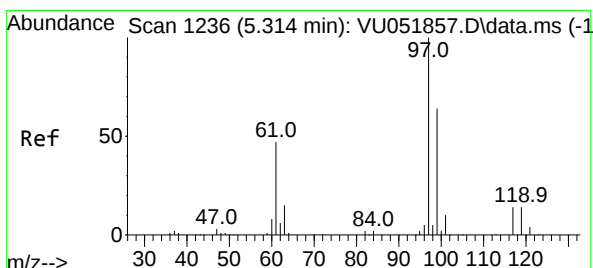
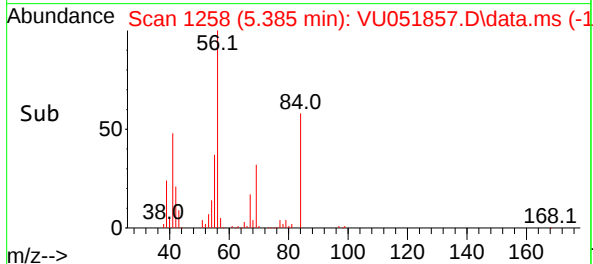
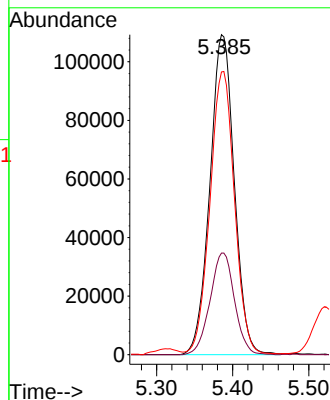
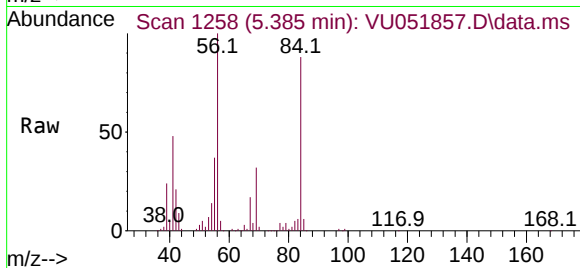
Tgt Ion: 56 Resp: 243476

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 89.2 71.4 107.0



#30

1,1,1-Trichloroethane

Concen: 44.654 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

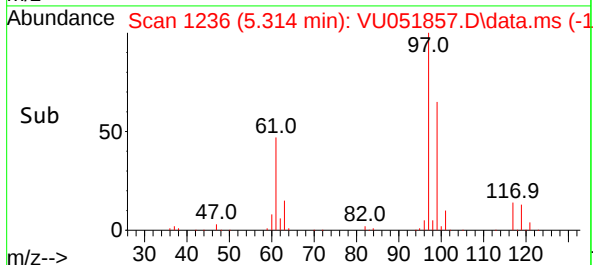
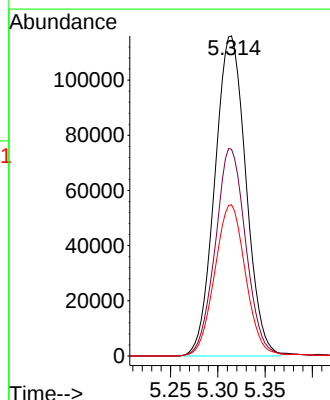
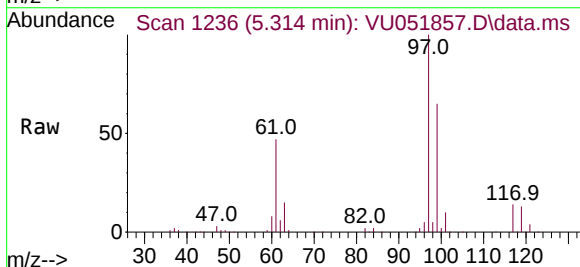
Tgt Ion: 97 Resp: 265470

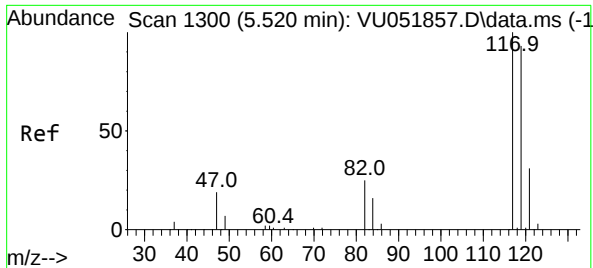
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 46.8 37.4 56.2

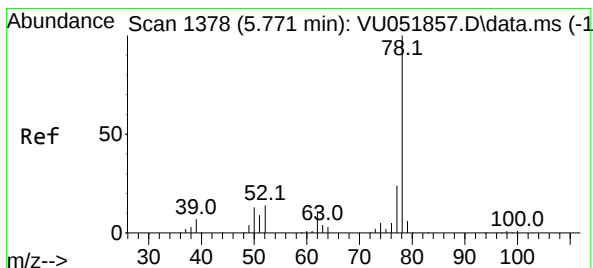
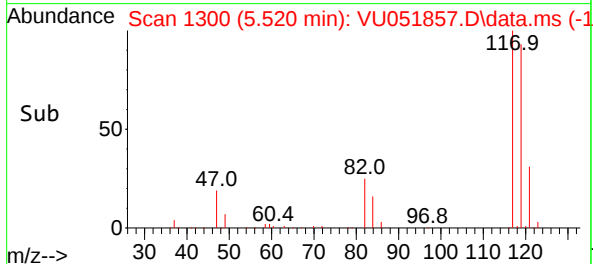
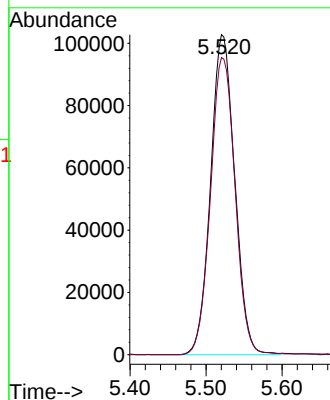
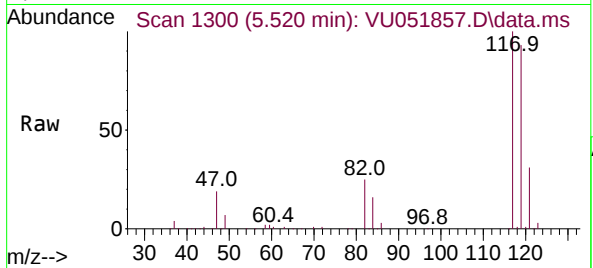




#31
Carbon tetrachloride
Concen: 45.045 ug/L
RT: 5.520 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

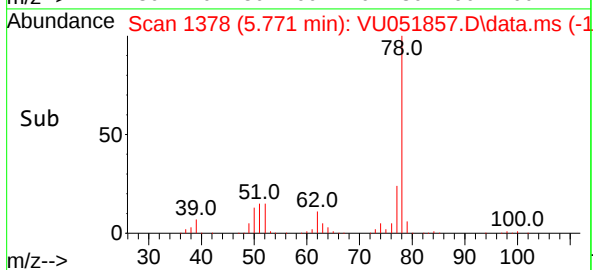
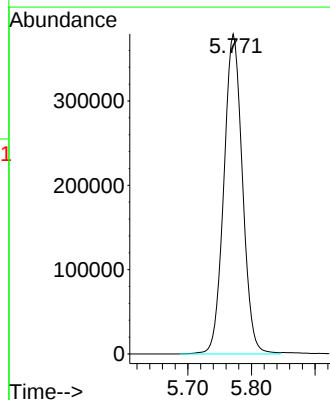
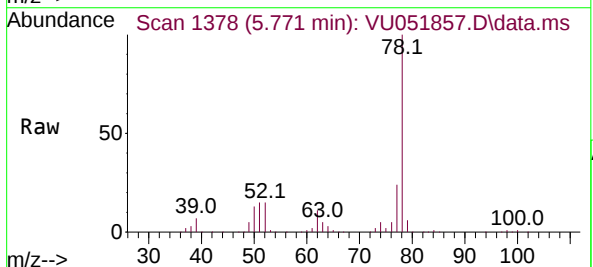
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

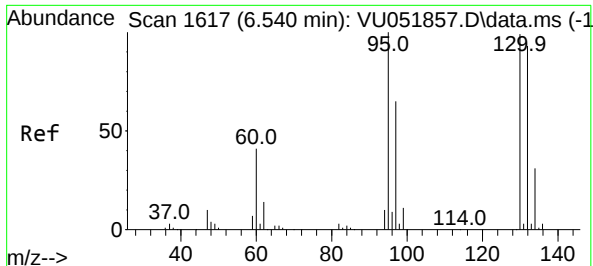
Tgt Ion:117 Resp: 226684
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4



#33
Benzene
Concen: 46.966 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 78 Resp: 772507

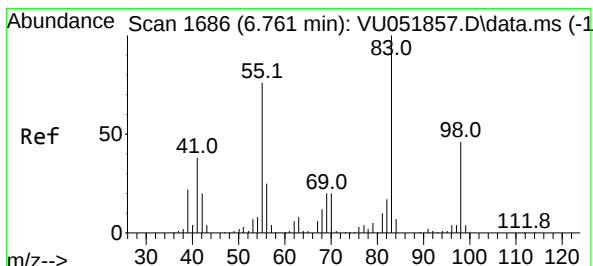
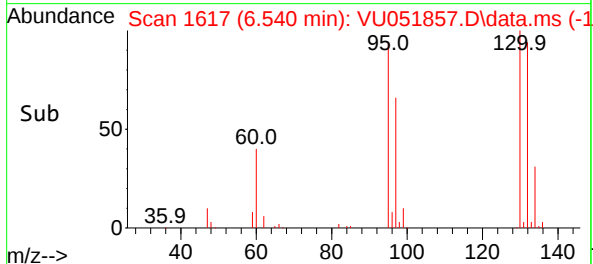
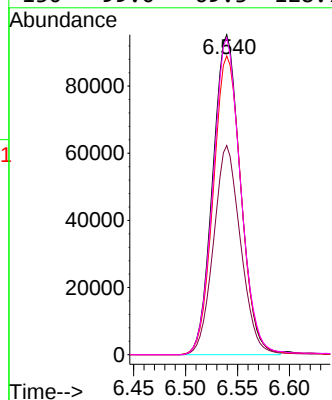
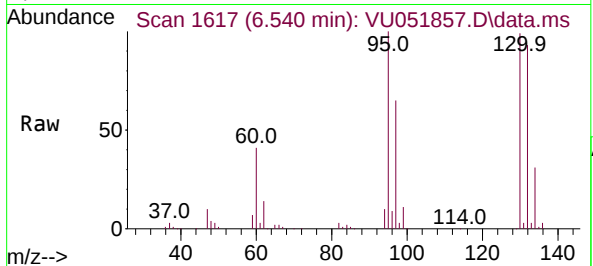




#34
Trichloroethene
Concen: 44.457 ug/L
RT: 6.540 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

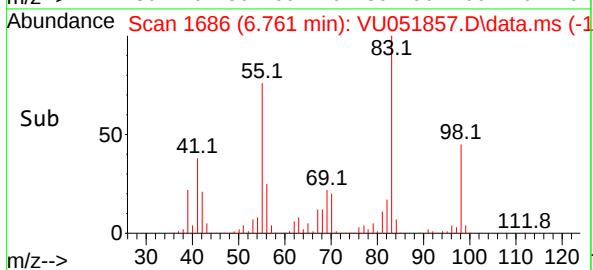
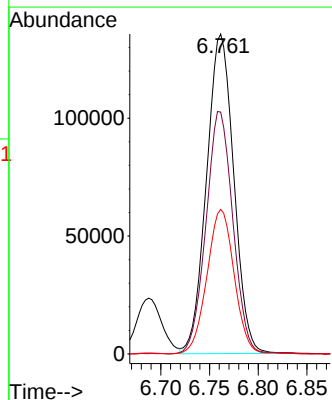
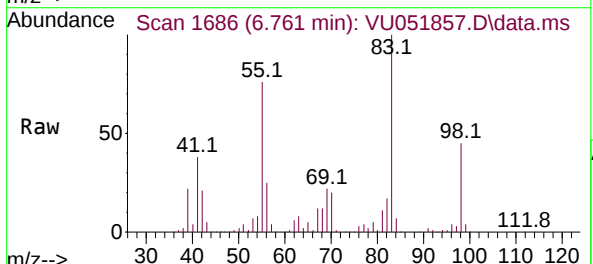
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

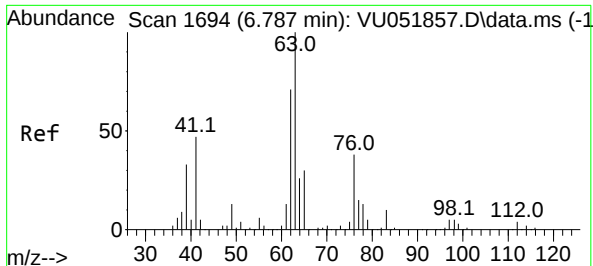
Tgt Ion: 95 Resp: 176261
Ion Ratio Lower Upper
95 100
97 65.4 45.8 85.0
132 93.3 65.3 121.3
130 99.0 69.3 128.7



#35
Methylcyclohexane
Concen: 46.856 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 83 Resp: 264029
Ion Ratio Lower Upper
83 100
55 75.0 60.0 90.0
98 44.8 35.8 53.8





#37

1,2-Dichloropropane

Concen: 46.208 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

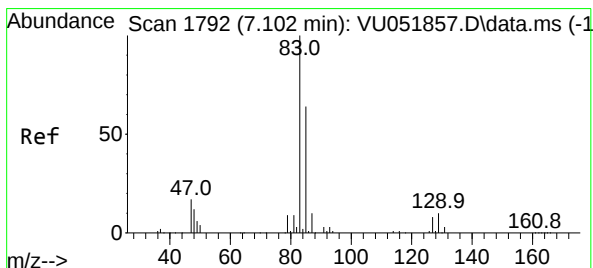
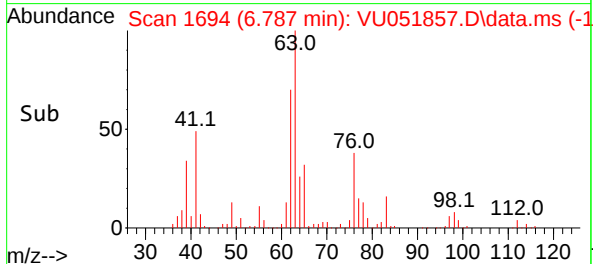
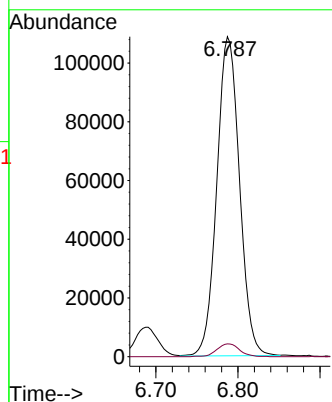
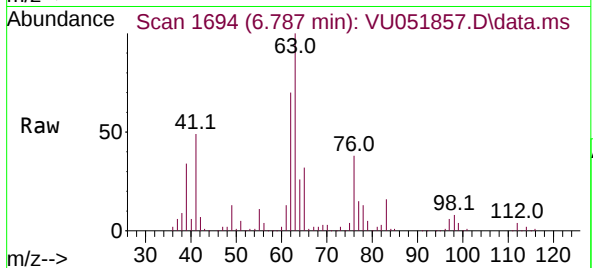
VSTD050051

Tgt Ion: 63 Resp: 209146

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 45.611 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

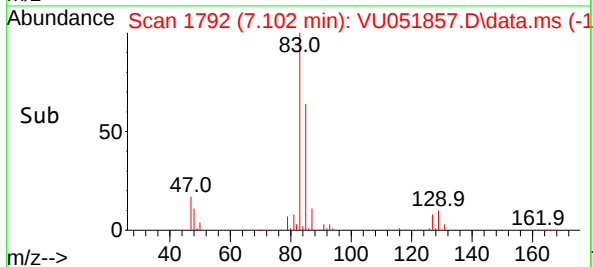
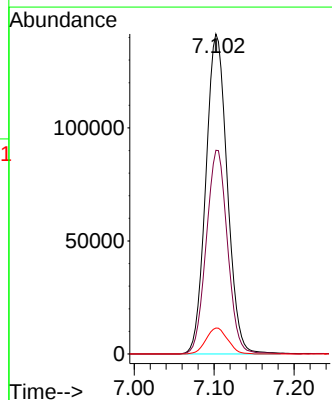
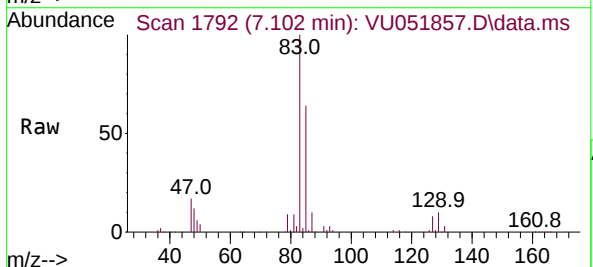
Tgt Ion: 83 Resp: 263479

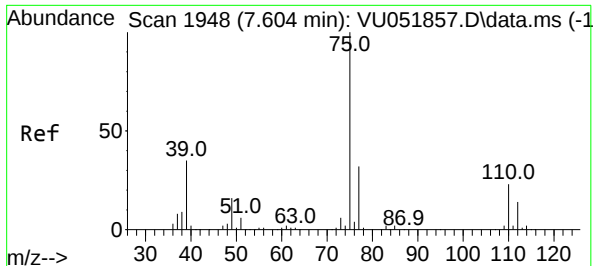
Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 47.052 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

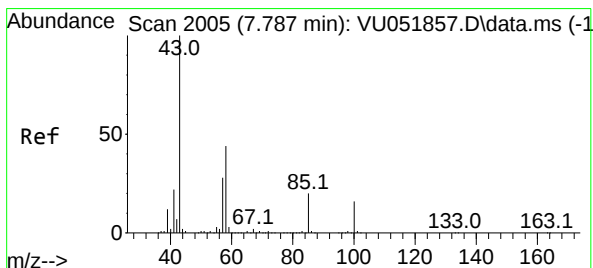
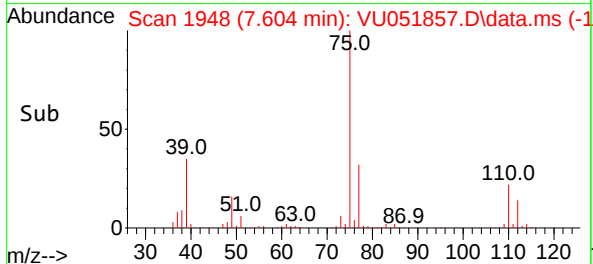
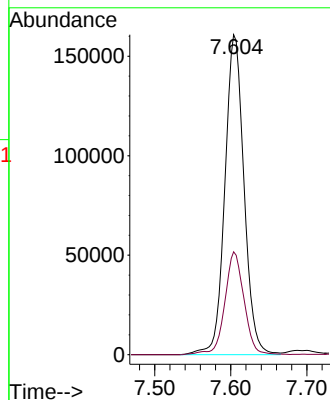
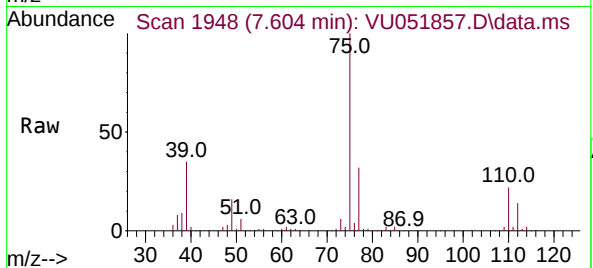
VSTD050051

Tgt Ion: 75 Resp: 281075

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 97.006 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

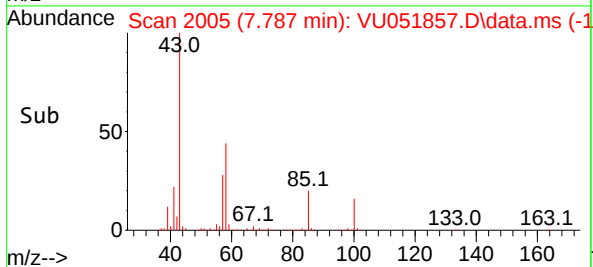
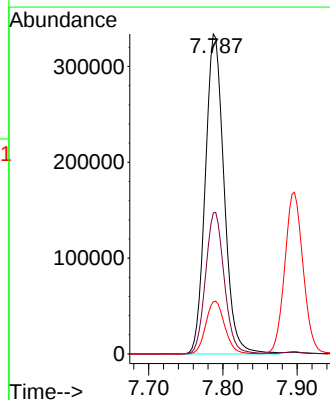
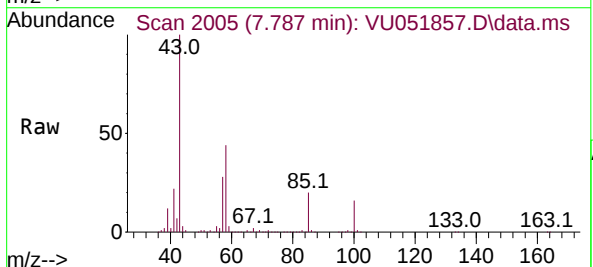
Tgt Ion: 43 Resp: 585864

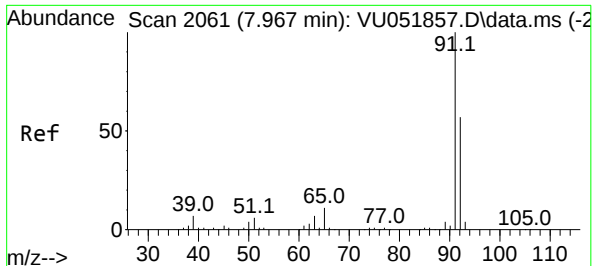
Ion Ratio Lower Upper

43 100

58 44.3 35.4 53.2

100 16.7 13.4 20.0





#42

Toluene

Concen: 48.863 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

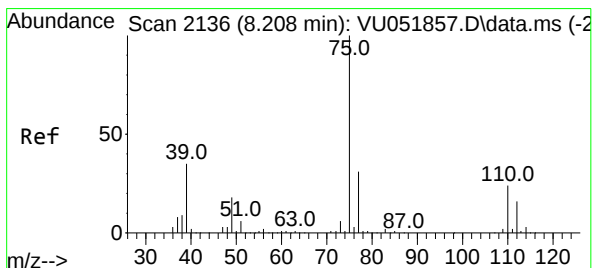
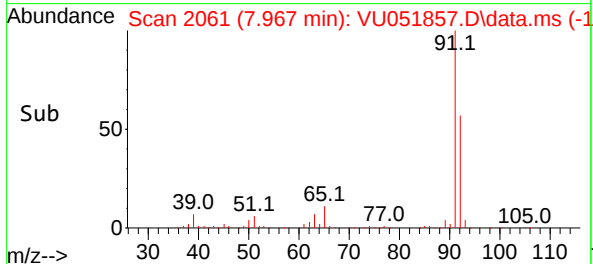
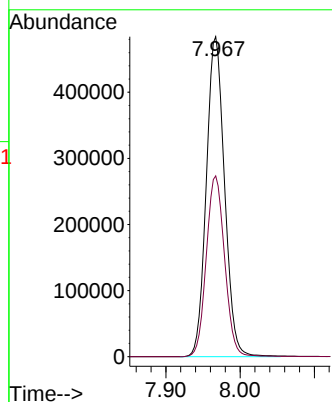
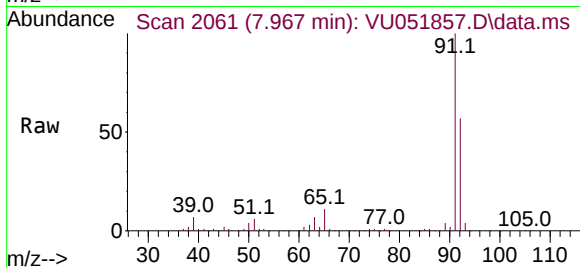
VSTD050051

Tgt Ion: 91 Resp: 823340

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 46.618 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051857.D

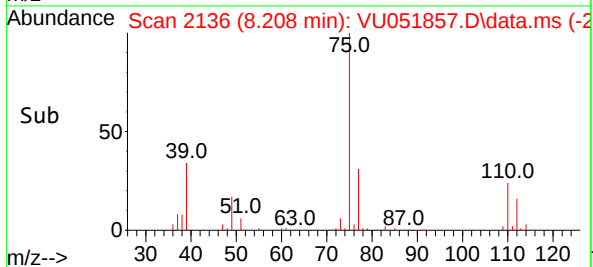
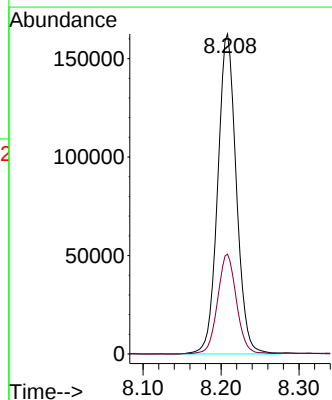
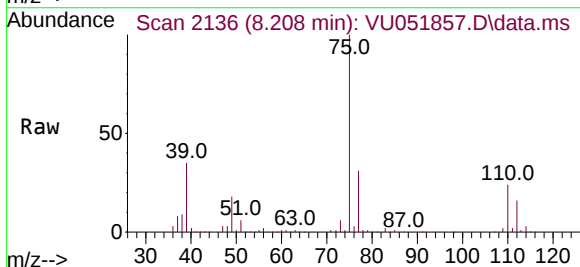
Acq: 15 Nov 2022 13:01

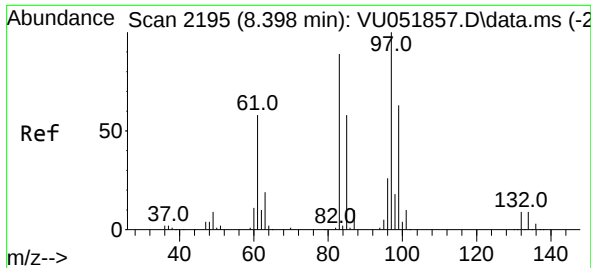
Tgt Ion: 75 Resp: 269857

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



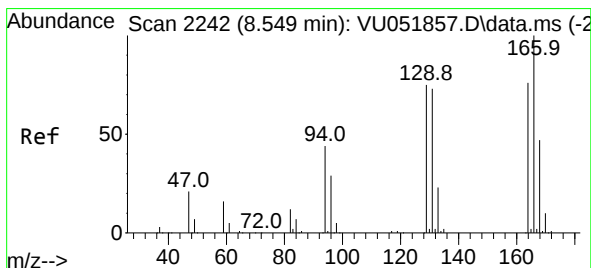
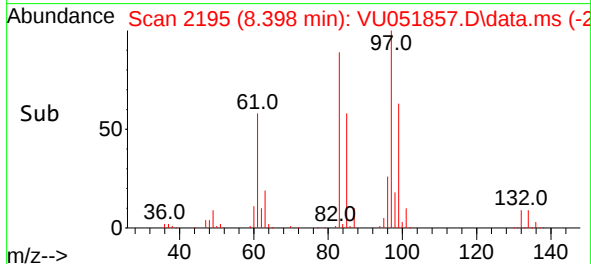
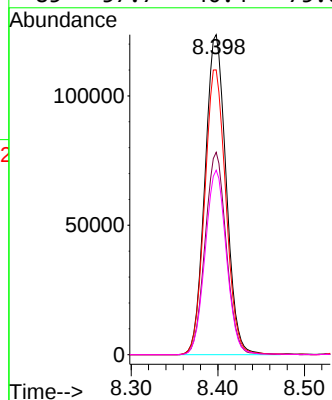
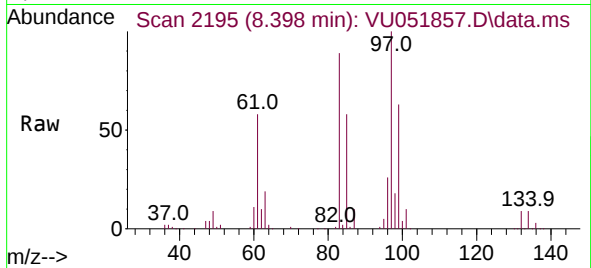


#45
1,1,2-Trichloroethane
Concen: 46.359 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

Tgt Ion: 97 Resp: 210366

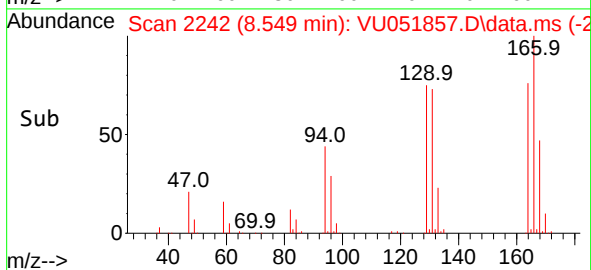
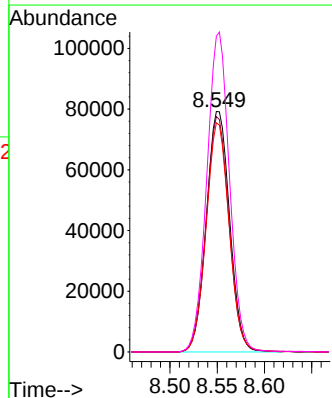
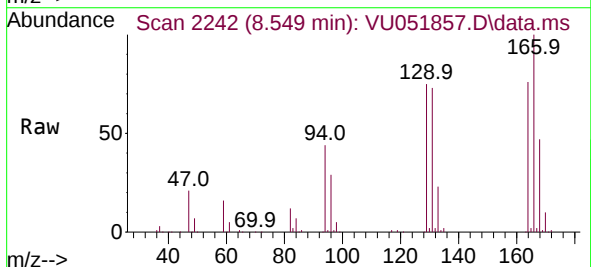
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.3	82.3
83	89.0	62.3	115.7
85	57.7	40.4	75.0

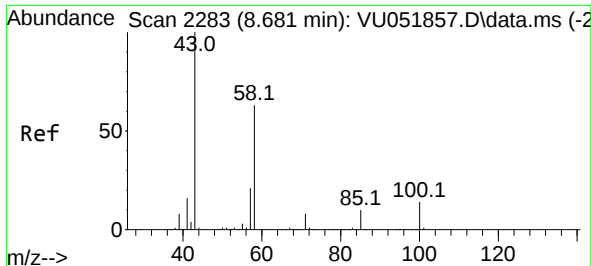


#46
Tetrachloroethene
Concen: 45.972 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 164 Resp: 135959

Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.5	127.1
131	95.2	66.6	123.8
166	131.3	91.9	170.7

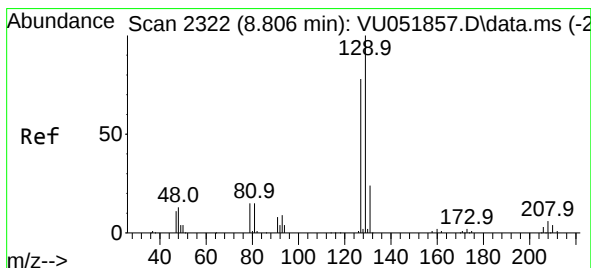
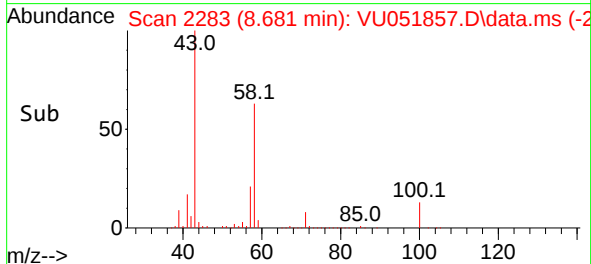
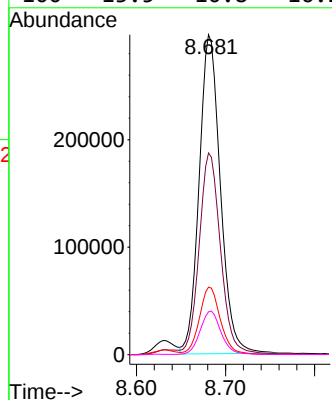
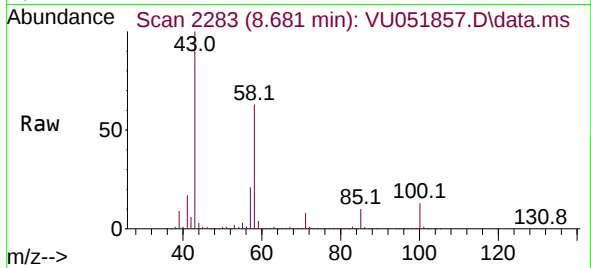




#48
2-Hexanone
Concen: 96.256 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

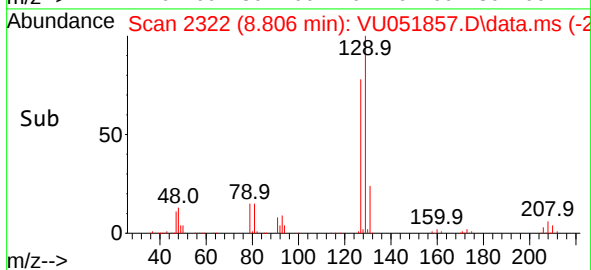
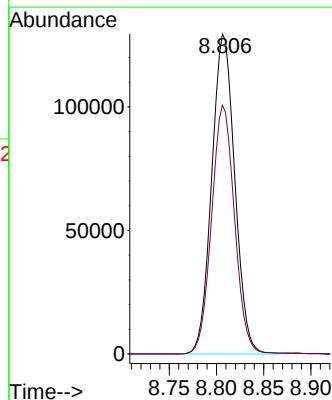
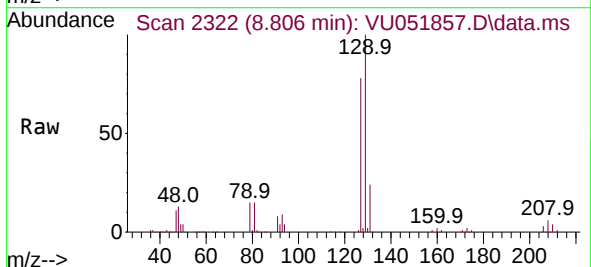
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

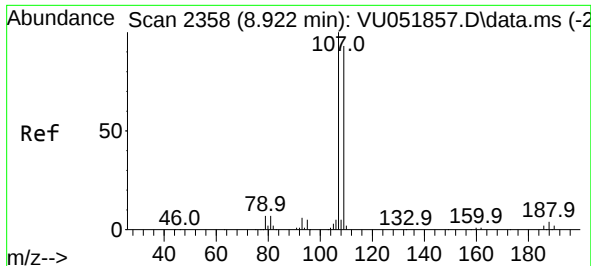
Tgt Ion: 43 Resp: 492441
Ion Ratio Lower Upper
43 100
58 63.3 50.6 76.0
57 21.0 16.8 25.2
100 13.5 10.8 16.2



#49
Dibromochloromethane
Concen: 47.074 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 129 Resp: 219896
Ion Ratio Lower Upper
129 100
127 77.7 54.4 101.0

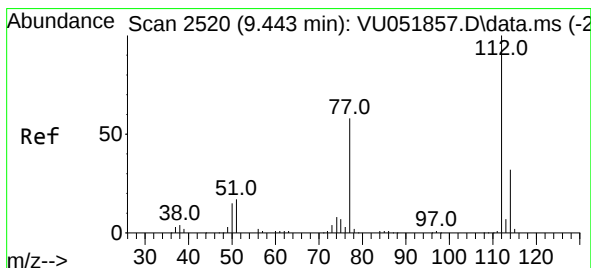
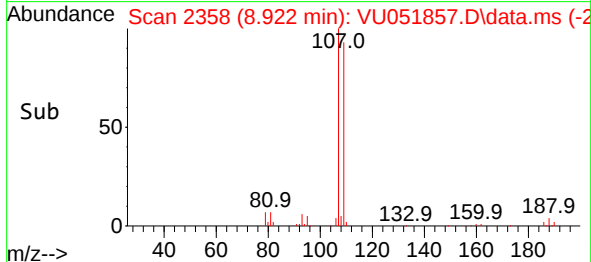
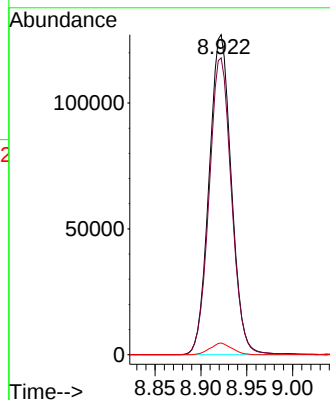
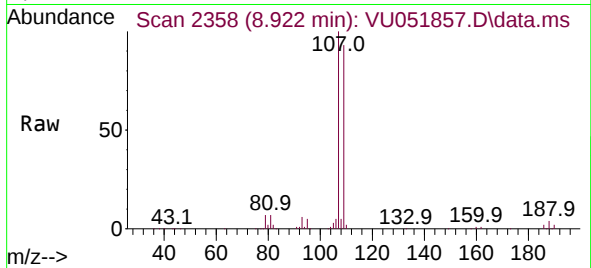




#50
1,2-Dibromoethane
Concen: 46.093 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

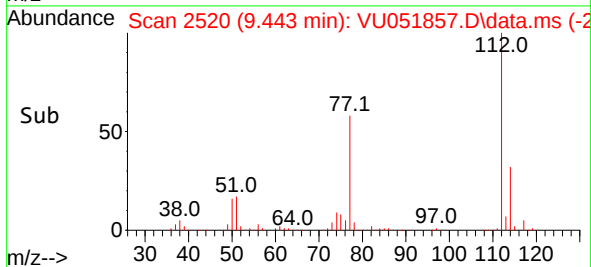
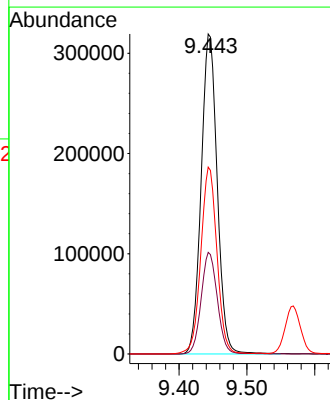
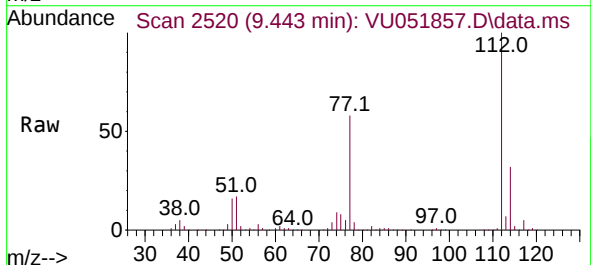
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

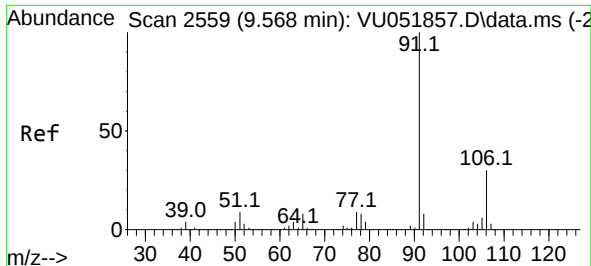
Tgt Ion:107 Resp: 214323
Ion Ratio Lower Upper
107 100
109 92.8 65.0 120.6
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 47.038 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion:112 Resp: 524579
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 58.4 46.7 70.1

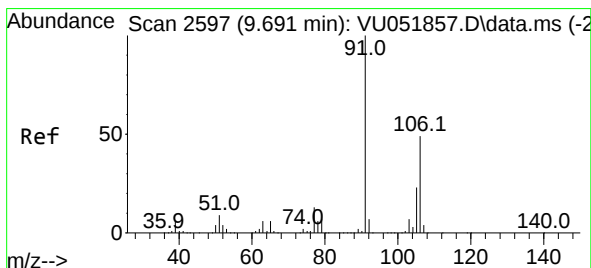
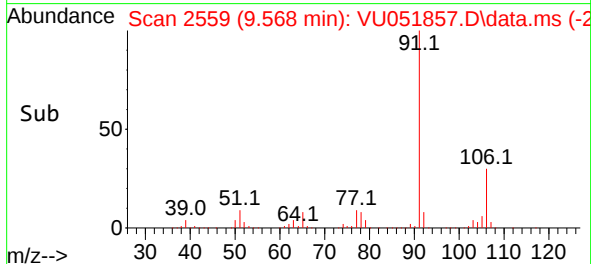
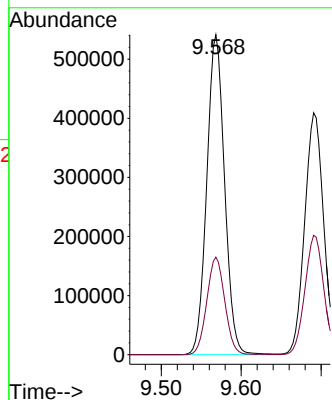
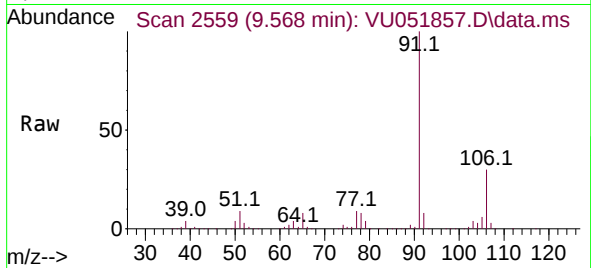




#52
Ethylbenzene
Concen: 49.044 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

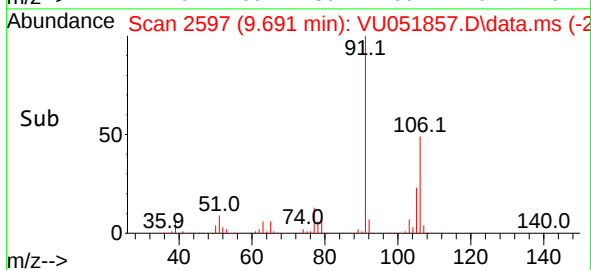
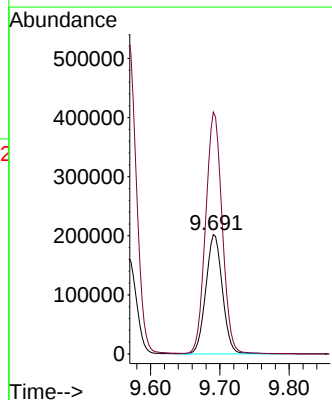
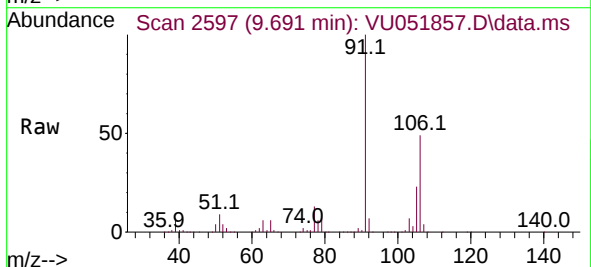
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

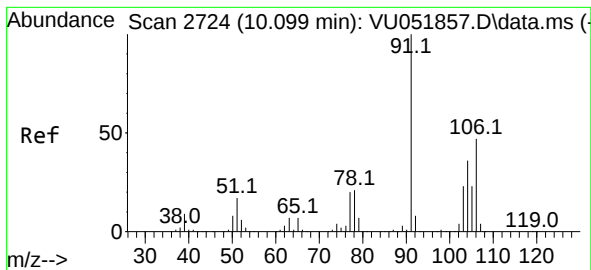
Tgt Ion: 91 Resp: 838303
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 50.580 ug/L
RT: 9.691 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 106 Resp: 332646
Ion Ratio Lower Upper
106 100
91 202.5 141.7 263.3

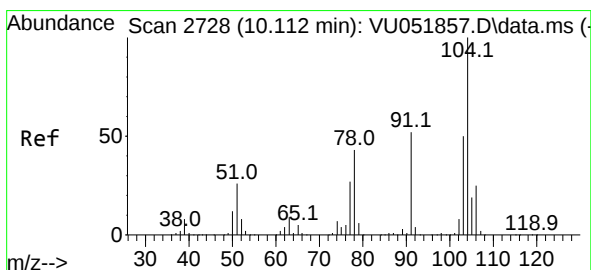
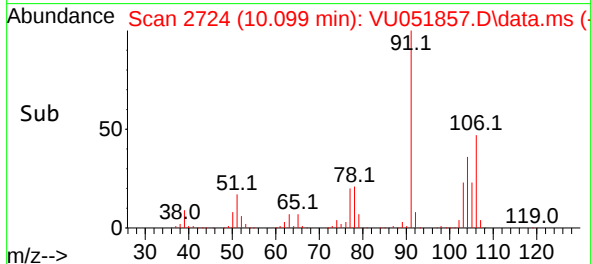
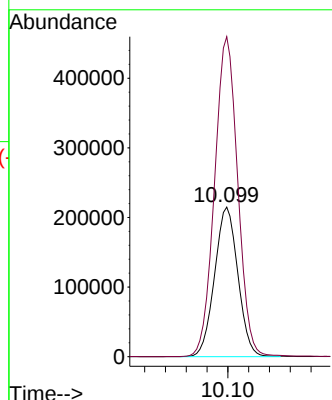
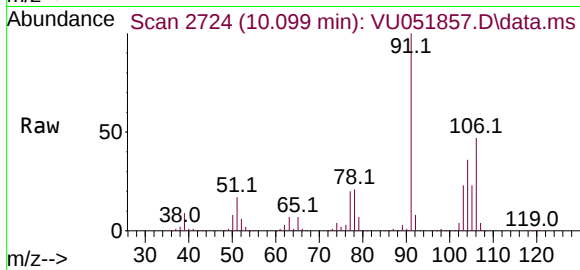




#54
o-Xylene
Concen: 51.042 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

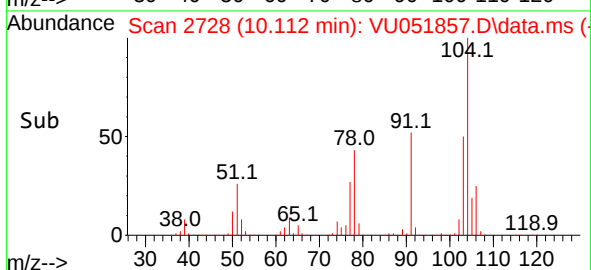
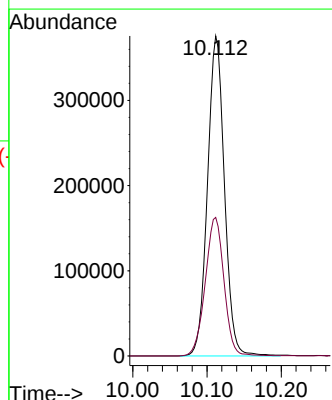
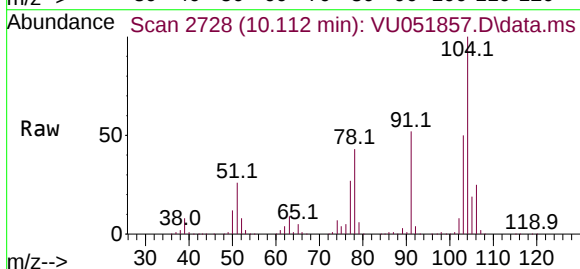
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

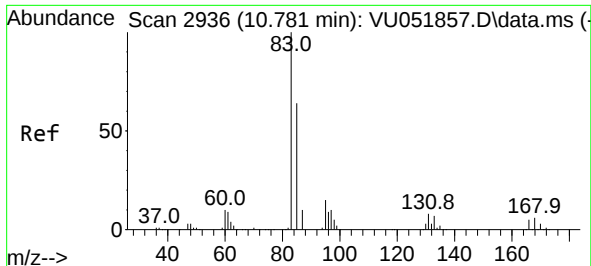
Tgt Ion:106 Resp: 334749
Ion Ratio Lower Upper
106 100
91 213.9 149.7 278.1



#55
Styrene
Concen: 52.303 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion:104 Resp: 594552
Ion Ratio Lower Upper
104 100
78 43.3 30.3 56.3

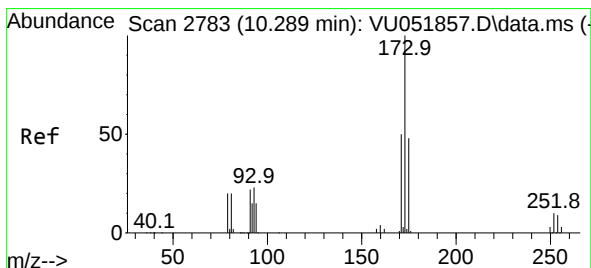
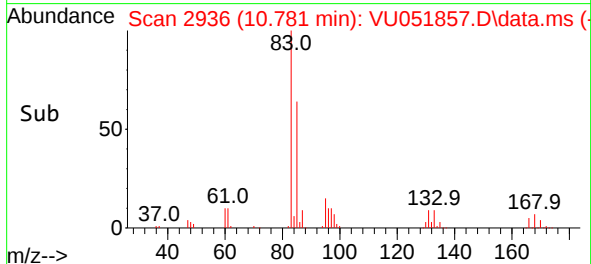
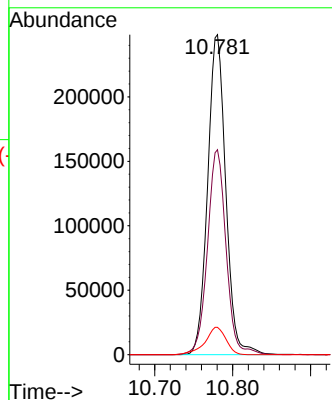
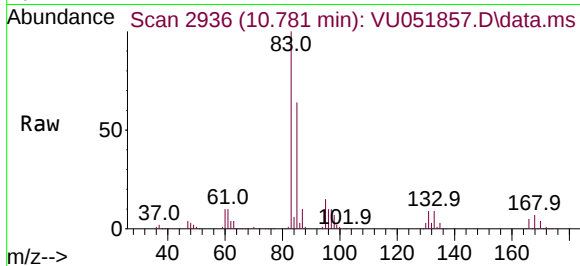




#57
1,1,2,2-Tetrachloroethane
Concen: 46.386 ug/L
RT: 10.781 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

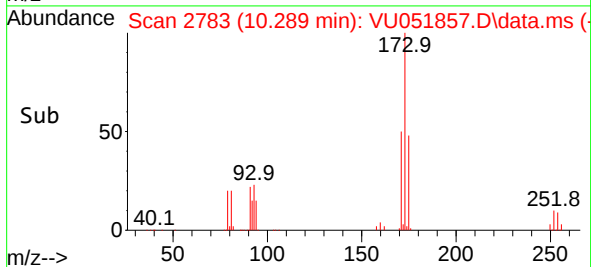
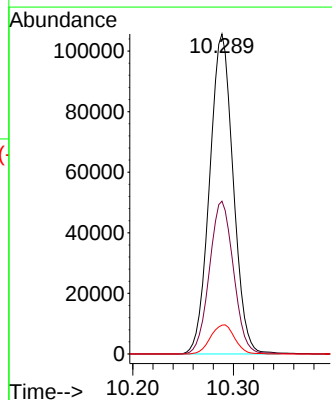
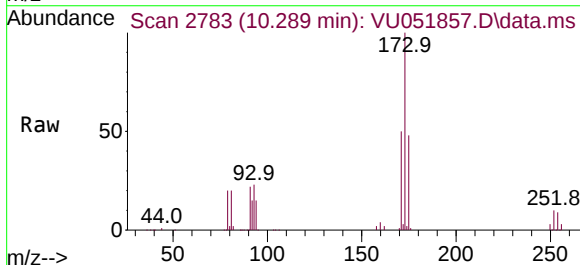
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

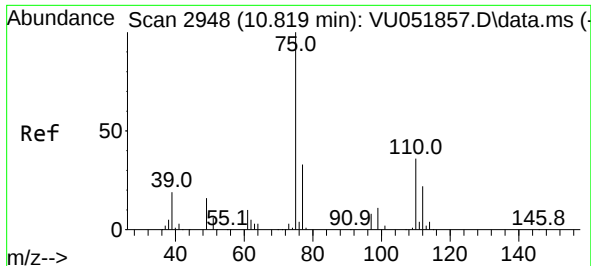
Tgt Ion: 83 Resp: 400758
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3
131 8.5 6.8 10.2



#59
Bromoform
Concen: 45.958 ug/L
RT: 10.289 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion:173 Resp: 172307
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 9.3 7.4 11.2

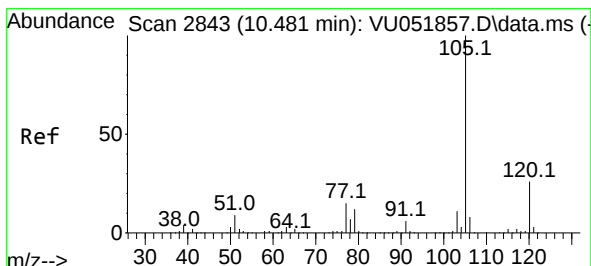
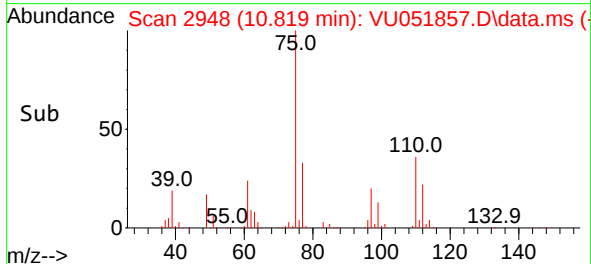
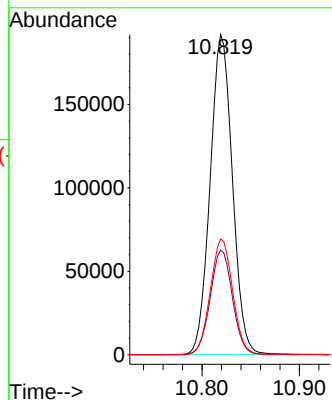
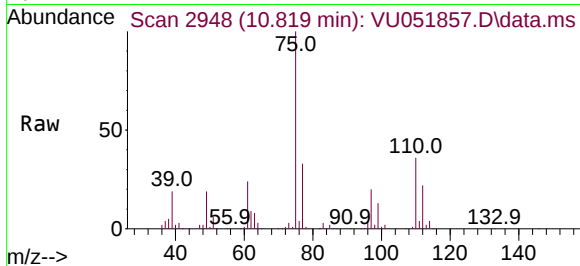




#60
1,2,3-Trichloropropane
Concen: 44.301 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

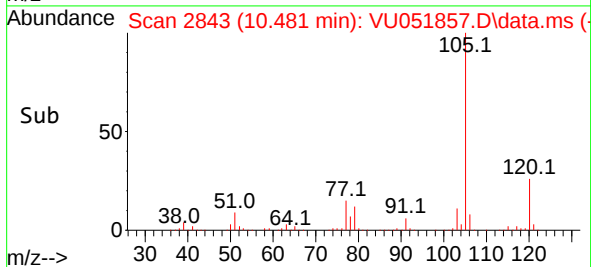
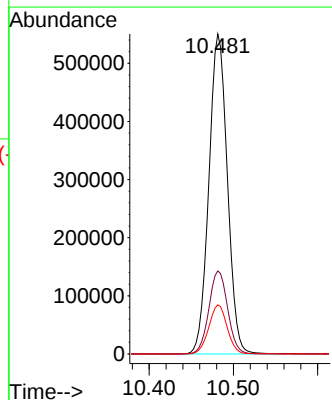
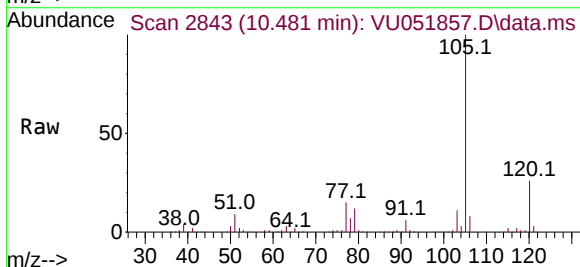
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

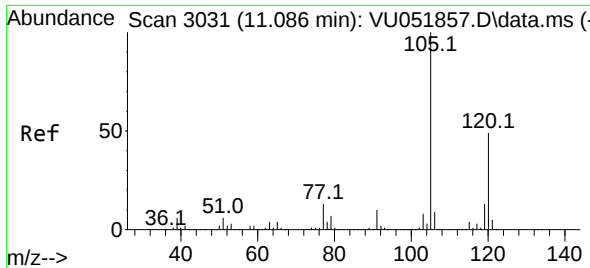
Tgt Ion: 75 Resp: 304911
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 36.2 29.0 43.4



#61
Isopropylbenzene
Concen: 50.088 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion: 105 Resp: 840160
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.3 12.2 18.4

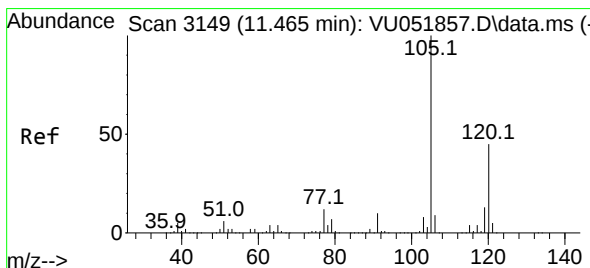
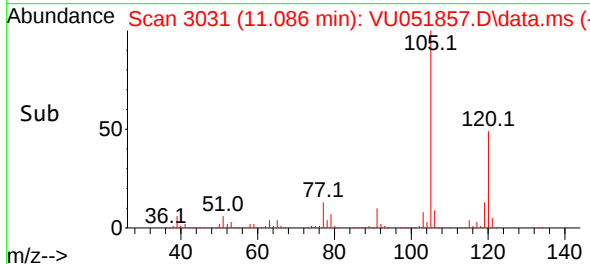
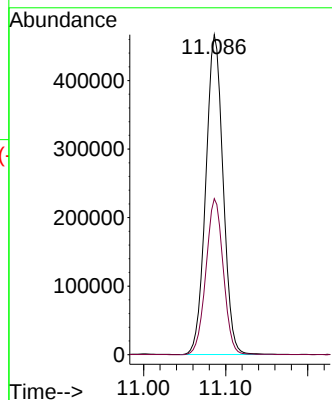
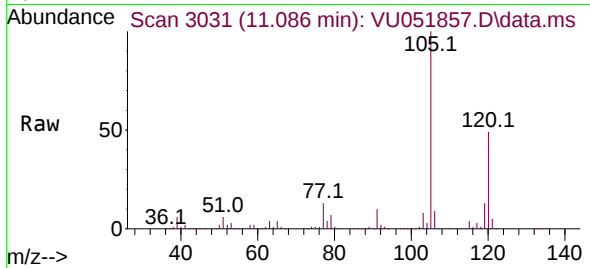




#62
 1,3,5-Trimethylbenzene
 Concen: 48.499 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

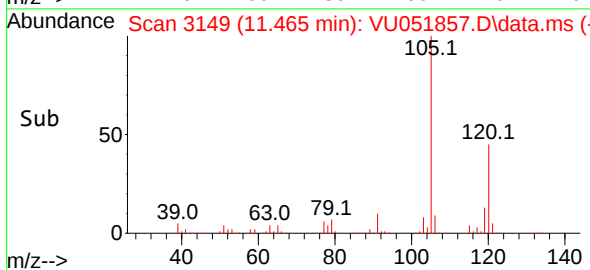
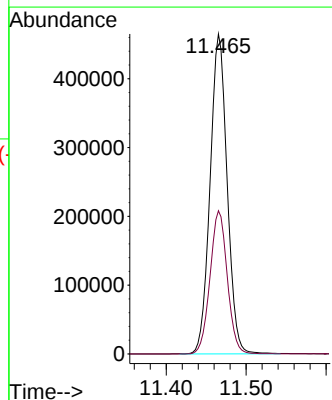
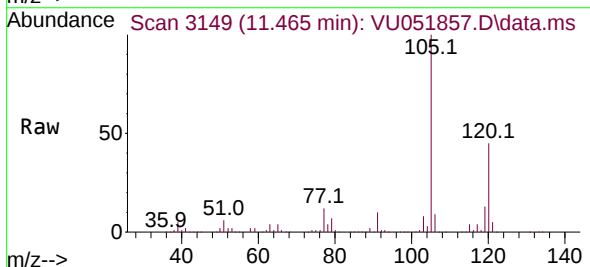
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050051

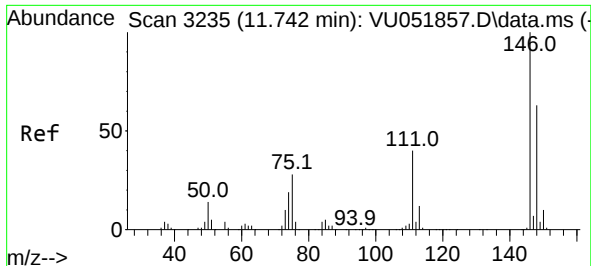
Tgt Ion:105 Resp: 683137
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 49.775 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051857.D
 Acq: 15 Nov 2022 13:01

Tgt Ion:105 Resp: 689670
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.2

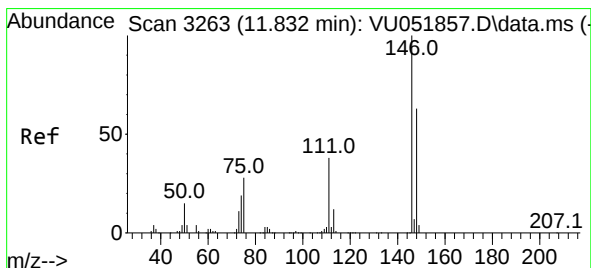
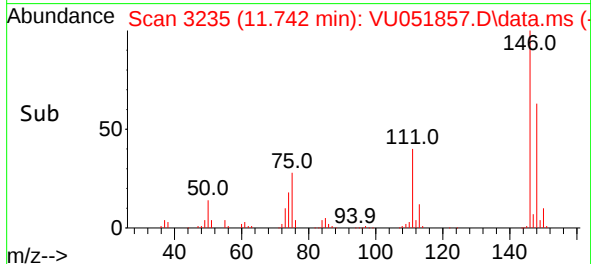
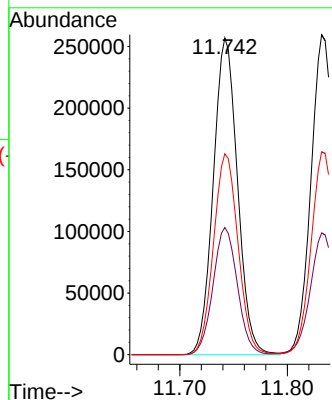
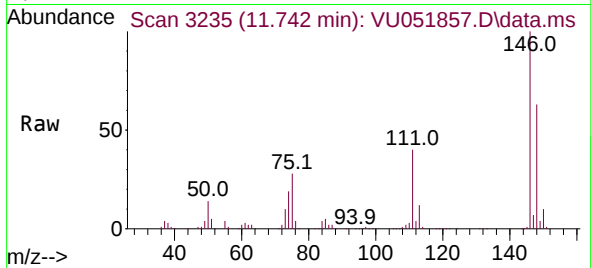




#64
1,3-Dichlorobenzene
Concen: 47.037 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

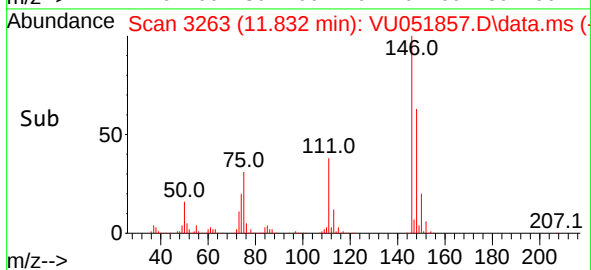
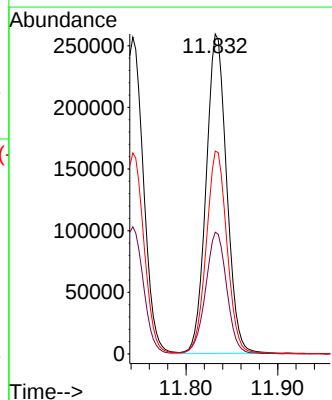
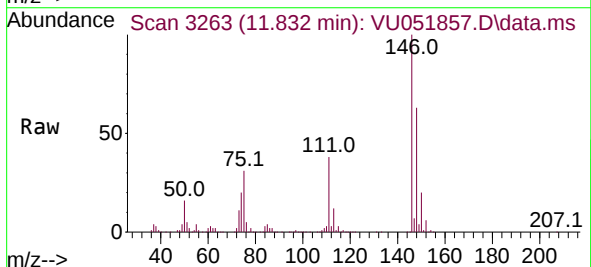
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

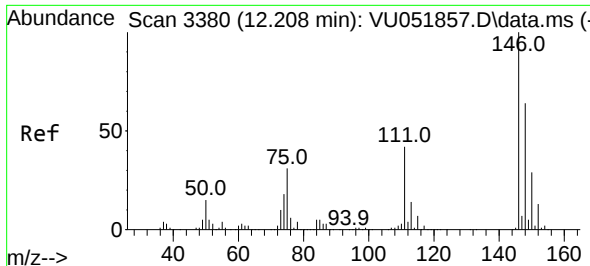
Tgt Ion:146 Resp: 402000
Ion Ratio Lower Upper
146 100
111 40.1 28.1 52.1
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 45.897 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion:146 Resp: 402452
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.5
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 46.811 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD050051

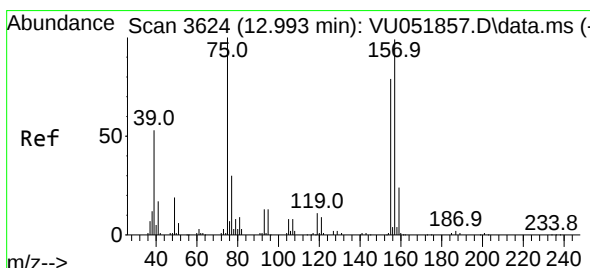
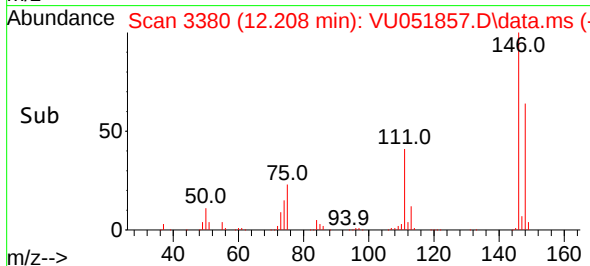
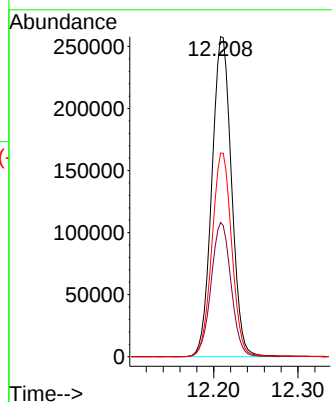
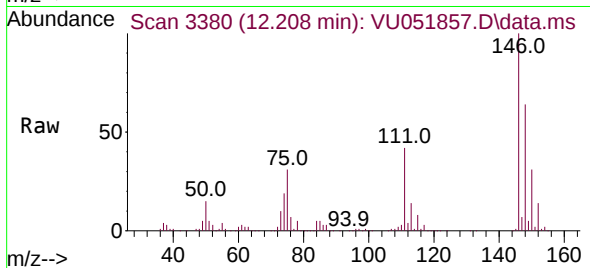
Tgt Ion:146 Resp: 417632

Ion Ratio Lower Upper

146 100

111 42.0 33.6 50.4

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 41.973 ug/L

RT: 12.993 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051857.D

Acq: 15 Nov 2022 13:01

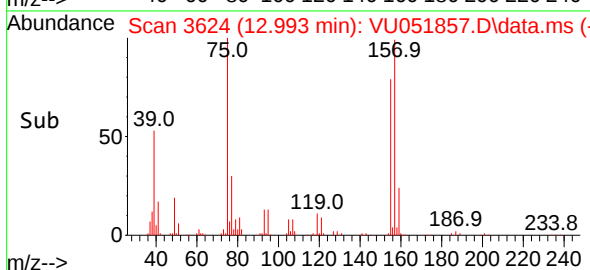
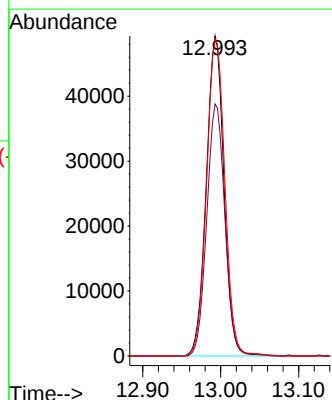
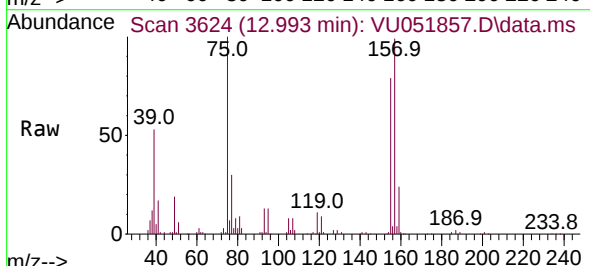
Tgt Ion: 75 Resp: 77740

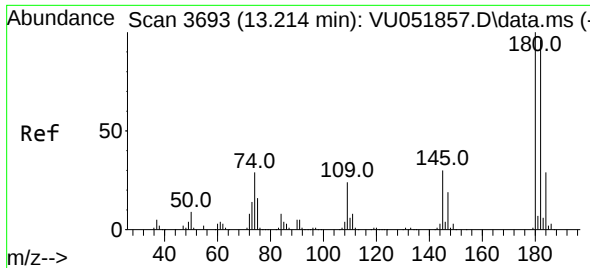
Ion Ratio Lower Upper

75 100

155 78.8 63.0 94.6

157 99.2 79.4 119.0

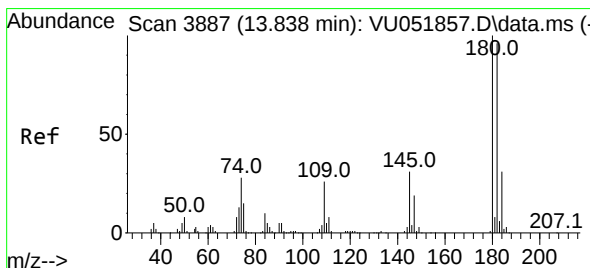
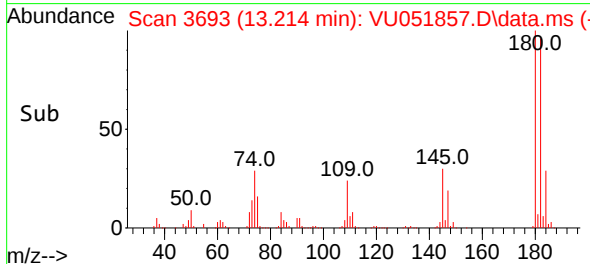
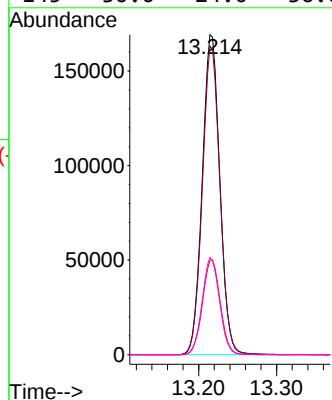
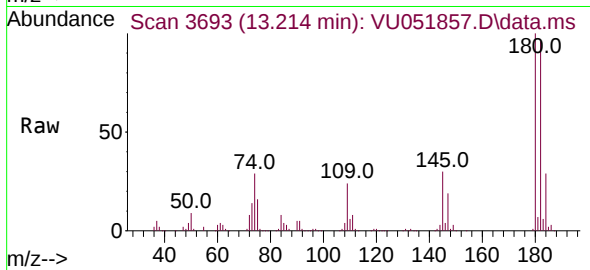




#69
1,3,5-Trichlorobenzene
Concen: 46.259 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

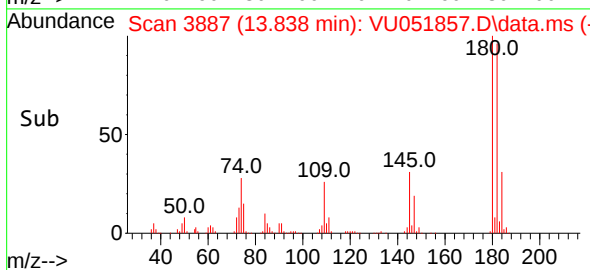
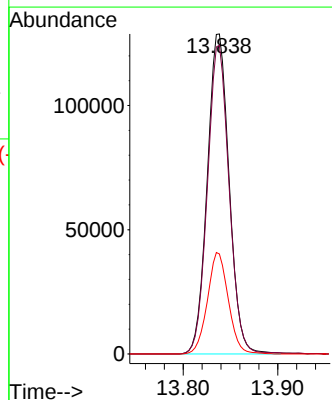
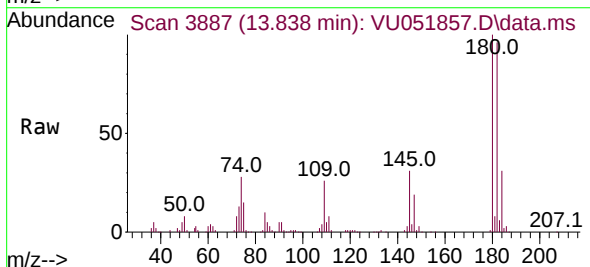
Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

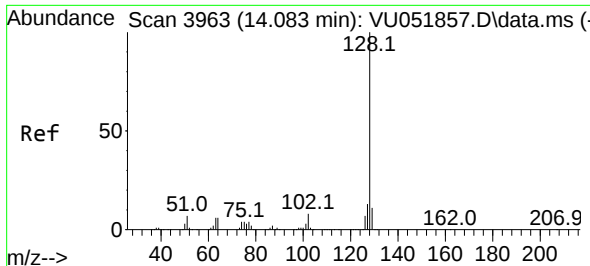
Tgt Ion:180 Resp: 265367
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.4
184 29.8 23.8 35.8
145 30.0 24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 46.725 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion:180 Resp: 207083
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 30.2 24.2 36.2

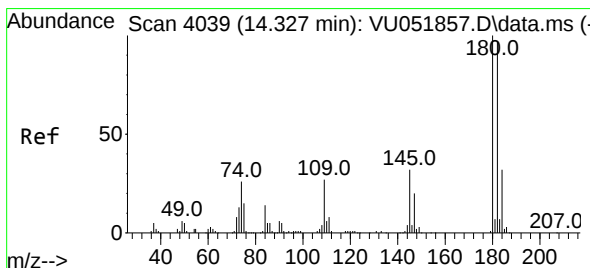
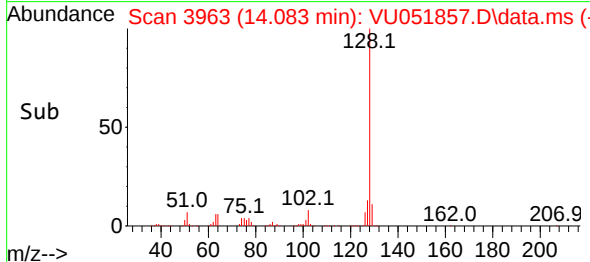
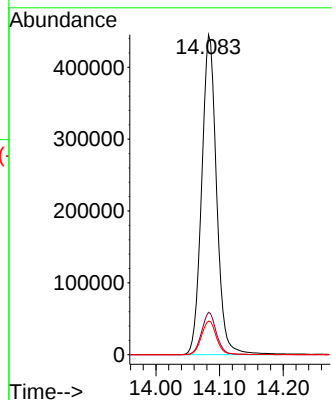
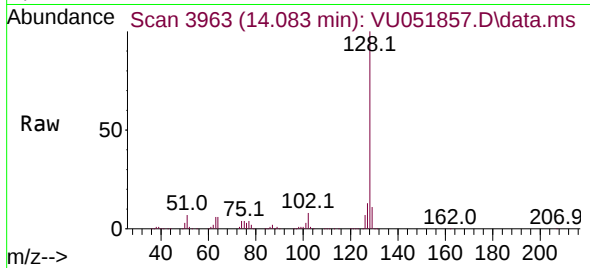




#71
Naphthalene
Concen: 50.651 ug/L
RT: 14.083 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD050051

Tgt Ion:128 Resp: 725125
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.017 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051857.D
Acq: 15 Nov 2022 13:01

Tgt Ion:180 Resp: 237351
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 31.1 24.9 37.3

