

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050831.D
 Acq On : 20 Sep 2022 14:17
 Operator : JC/MD
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

Quant Time: Sep 21 02:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	429246	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	418405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	182724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46298	11.970	ug/L	0.00
7) Chloroethane-d5	1.900	69	34892	13.350	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	72977	11.025	ug/L	0.00
21) 2-Butanone-d5	4.623	46	56288	20.652	ug/L	0.00
24) Chloroform-d	5.064	84	72766	10.402	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	44552	10.386	ug/L	0.00
32) Benzene-d6	5.726	84	142223	10.216	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	48634	10.684	ug/L	0.00
41) Toluene-d8	7.896	98	119062	9.970	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	19644	10.265	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	31971	24.219	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	72084	10.393	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	38930	9.162	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	48845	11.624	ug/L	98
3) Chloromethane	1.523	50	54809	11.857	ug/L	99
5) Vinyl chloride	1.601	62	52878	12.030	ug/L	96
6) Bromomethane	1.839	94	25401	11.284	ug/L	98
8) Chloroethane	1.922	64	29637	12.632	ug/L	98
9) Trichlorofluoromethane	2.131	101	57535	11.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	37047	10.883	ug/L	100
12) 1,1-Dichloroethene	2.575	96	32913	10.010	ug/L	95
13) Acetone	2.623	43	48446	23.316	ug/L	98
14) Carbon disulfide	2.787	76	107461	10.849	ug/L	100
15) Methyl Acetate	2.948	43	45712	10.514	ug/L	98
16) Methylene chloride	3.041	84	49046	11.364	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	34858	10.070	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	98061	9.166	ug/L	98
19) 1,1-Dichloroethane	3.867	63	71020	10.564	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	35495	9.088	ug/L	91
22) 2-Butanone	4.703	43	58632	18.342	ug/L	97
23) Bromochloromethane	4.970	128	19871	9.862	ug/L	95
25) Chloroform	5.089	83	69972	10.271	ug/L	99
27) 1,2-Dichloroethane	5.793	62	51925	10.234	ug/L #	95
29) Cyclohexane	5.388	56	52991	9.353	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	57358	10.181	ug/L	98
31) Carbon tetrachloride	5.523	117	47705	10.293	ug/L	99
33) Benzene	5.774	78	152696	9.966	ug/L	100
34) Trichloroethene	6.539	95	36515	10.290	ug/L	97
35) Methylcyclohexane	6.761	83	52099	9.146	ug/L	97
37) 1,2-Dichloropropane	6.790	63	43159	10.644	ug/L	99
38) Bromodichloromethane	7.105	83	50827	10.680	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	50889	9.293	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	105728	18.937	ug/L	97
42) Toluene	7.970	91	147101	9.445	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	49194	9.451	ug/L	100

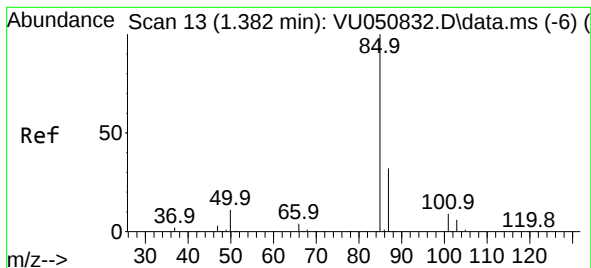
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050831.D
 Acq On : 20 Sep 2022 14:17
 Operator : JC/MD
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

Quant Time: Sep 21 02:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:08:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	39931	10.293	ug/L	97
46) Tetrachloroethene	8.552	164	26388	10.184	ug/L	96
48) 2-Hexanone	8.684	43	91559	17.877	ug/L	94
49) Dibromochloromethane	8.809	129	37663	10.119	ug/L	97
50) 1,2-Dibromoethane	8.922	107	40023	10.128	ug/L	98
51) Chlorobenzene	9.446	112	92865	9.694	ug/L	98
52) Ethylbenzene	9.571	91	138829	9.081	ug/L	99
53) m,p-Xylene	9.694	106	50916	8.629	ug/L	100
54) o-Xylene	10.099	106	50807	8.722	ug/L	99
55) Styrene	10.115	104	81816	8.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	72917	10.422	ug/L	97
59) Bromoform	10.292	173	28102	10.248	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	55339	10.304	ug/L	99
61) Isopropylbenzene	10.485	105	125763	8.736	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	93906	7.663	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	92123	7.779	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	58466	9.189	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	60827	9.673	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	64569	9.553	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	13828	9.580	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	40959	8.994	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	30551	7.854	ug/L	99
71) Naphthalene	14.086	128	108864	7.721	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	36558	8.648	ug/L	99

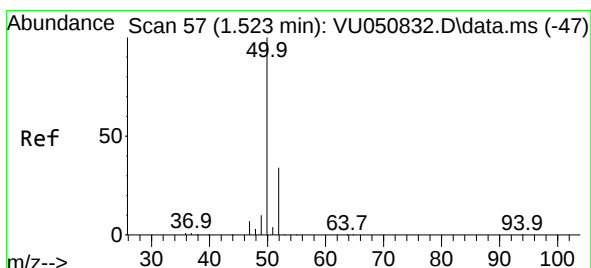
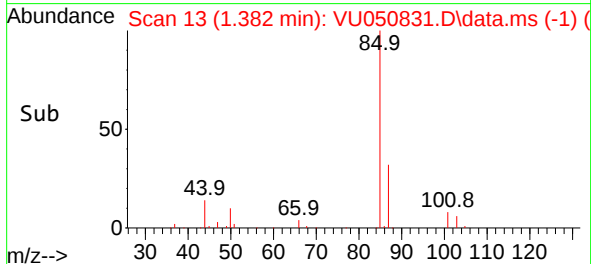
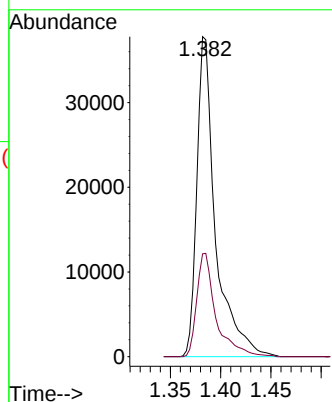
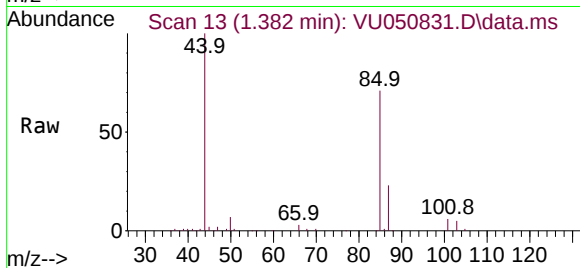
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 11.624 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

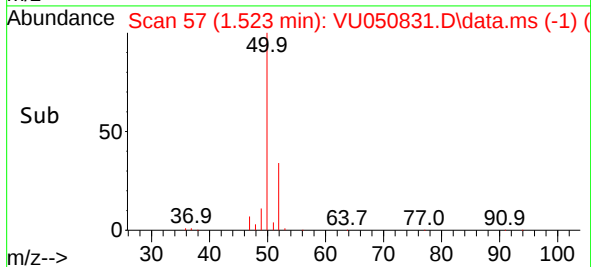
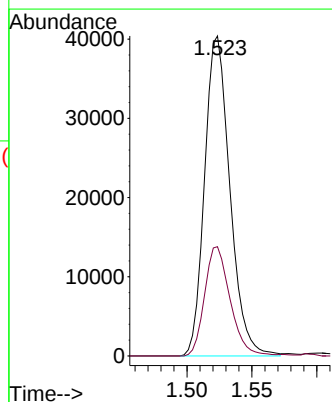
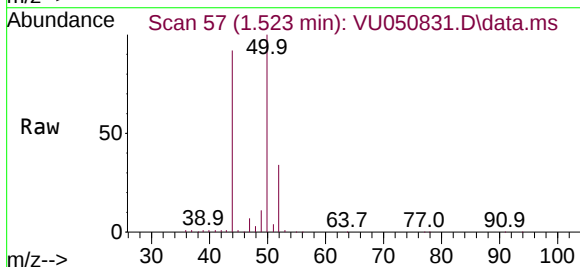
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

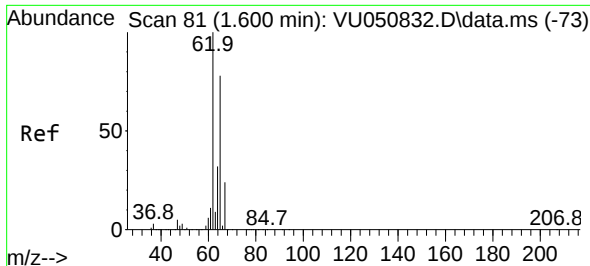
Tgt Ion: 85 Resp: 48845
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.8



#3
 Chloromethane
 Concen: 11.857 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

Tgt Ion: 50 Resp: 54809
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.7 43.9

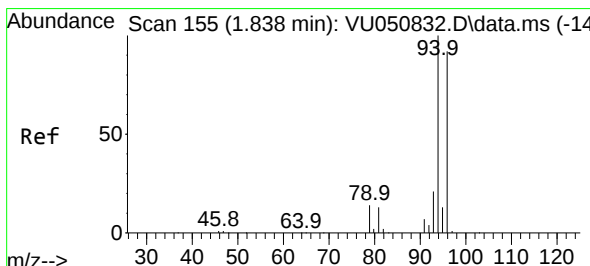
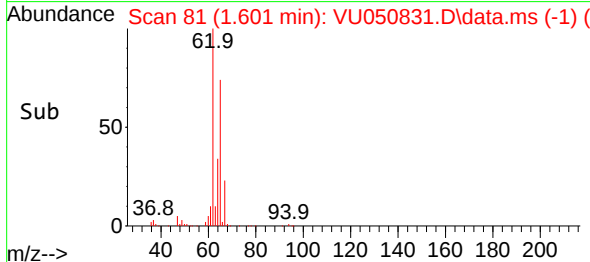
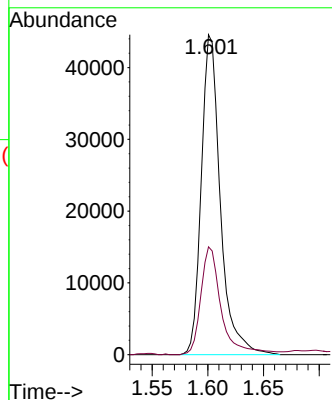
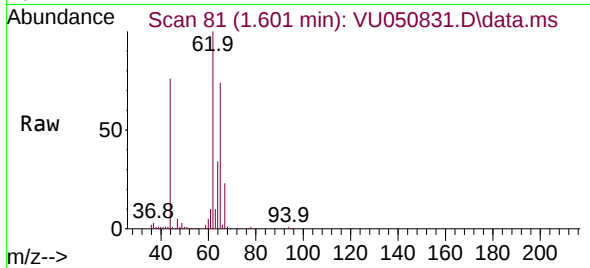




#5
 Vinyl chloride
 Concen: 12.030 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

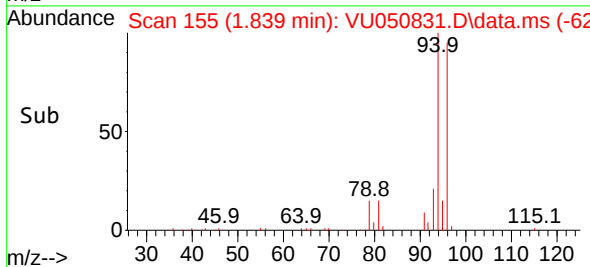
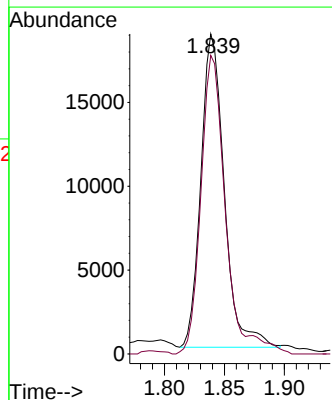
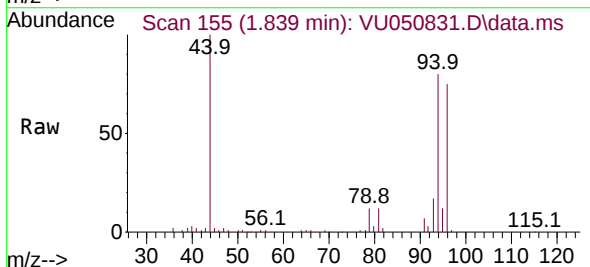
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

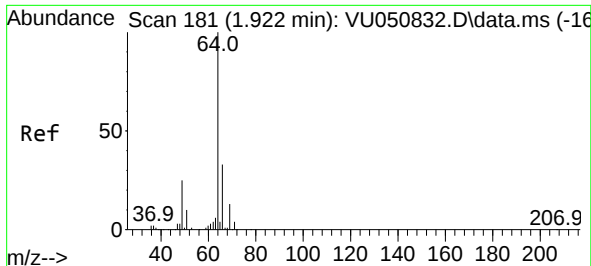
Tgt Ion: 62 Resp: 52878
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.2 41.2



#6
 Bromomethane
 Concen: 11.284 ug/L
 RT: 1.839 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

Tgt Ion: 94 Resp: 25401
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.0 119.0

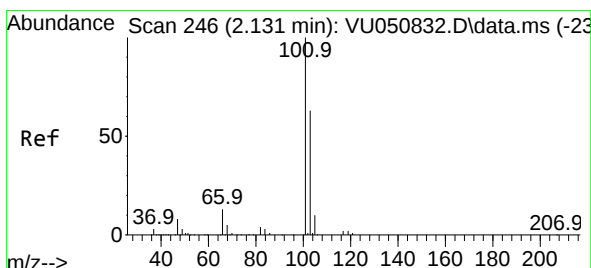
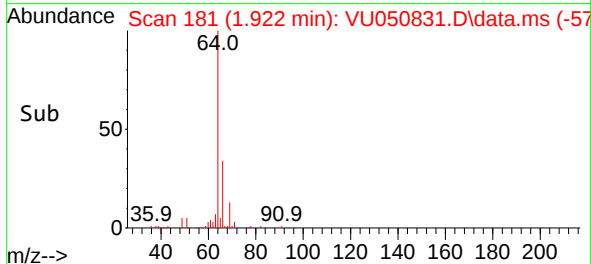
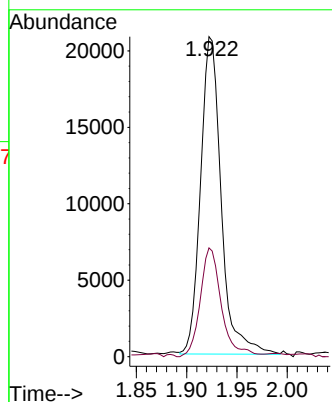
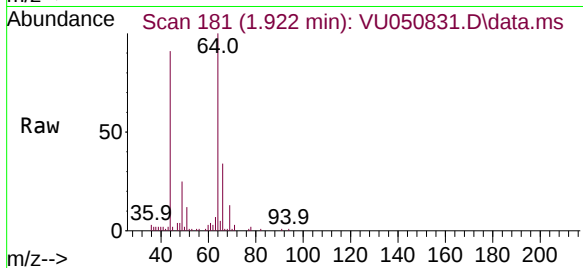




#8
Chloroethane
Concen: 12.632 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

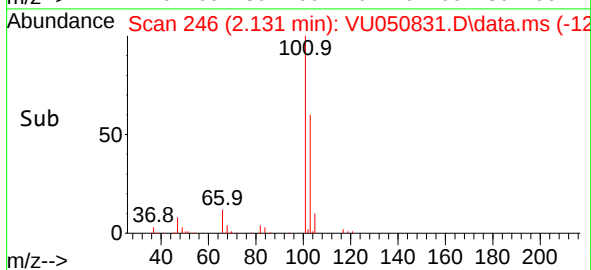
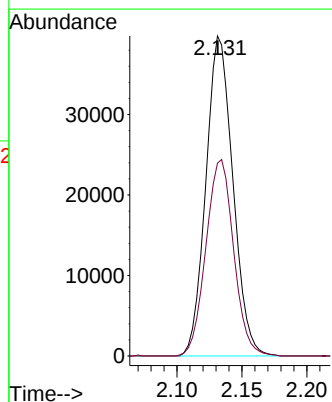
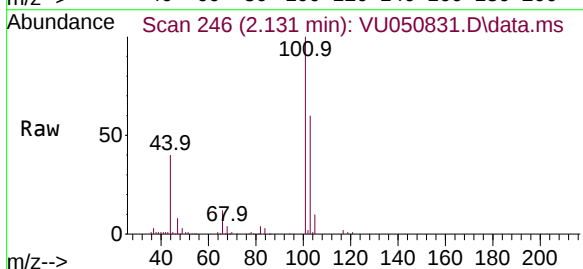
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

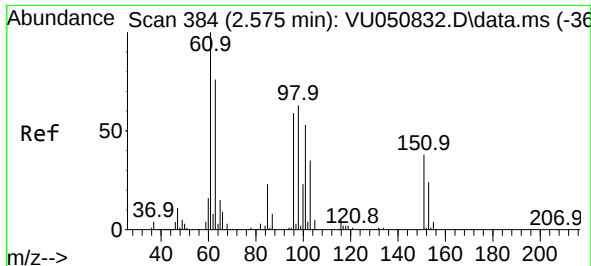
Tgt Ion: 64 Resp: 29637
Ion Ratio Lower Upper
64 100
66 34.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 11.022 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 101 Resp: 57535
Ion Ratio Lower Upper
101 100
103 63.1 50.9 76.3

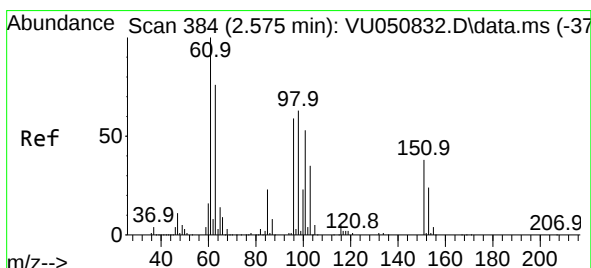
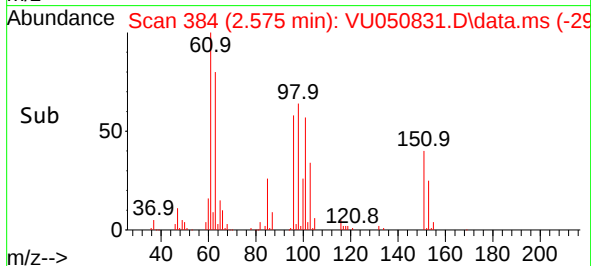
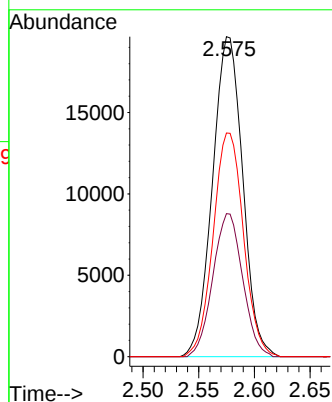
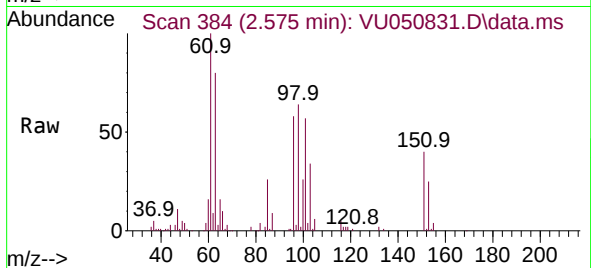




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.883 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

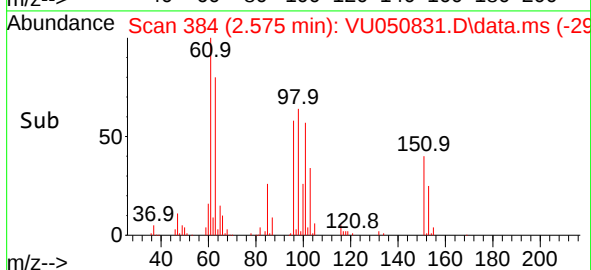
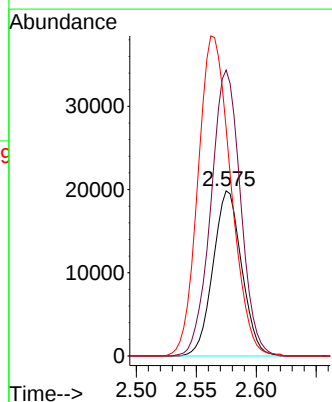
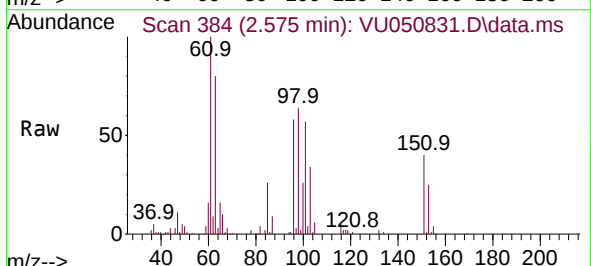
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

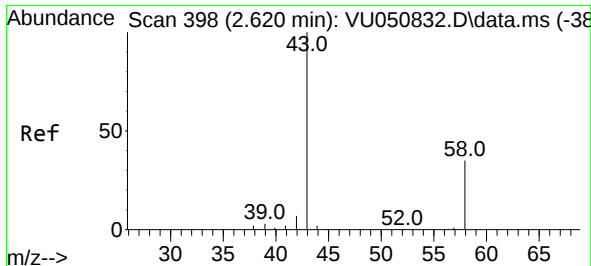
Tgt Ion: 101 Resp: 37047
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.1 52.7
 151 70.2 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 10.010 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

Tgt Ion: 96 Resp: 32913
 Ion Ratio Lower Upper
 96 100
 61 173.1 118.6 220.2
 63 138.1 90.4 168.0





#13

Acetone

Concen: 23.316 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

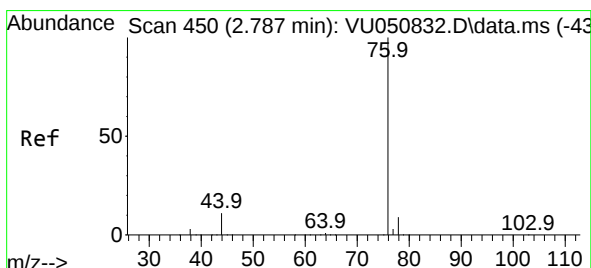
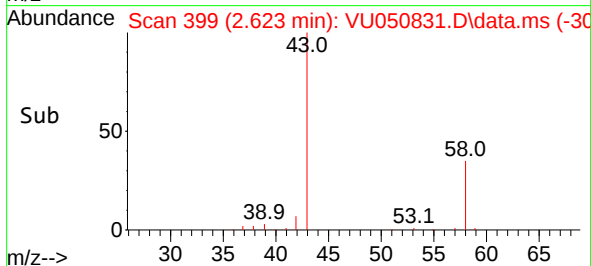
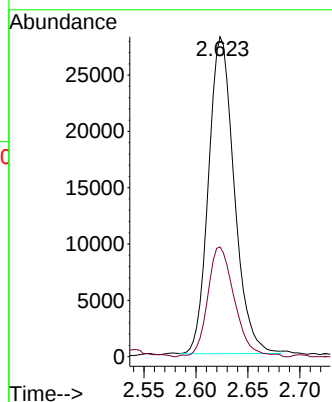
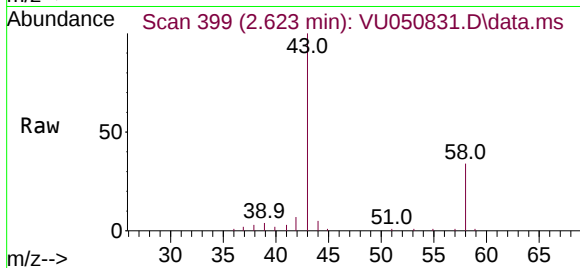
VSTD010032

Tgt Ion: 43 Resp: 48446

Ion Ratio Lower Upper

43 100

58 34.5 0.0 71.4



#14

Carbon disulfide

Concen: 10.849 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050831.D

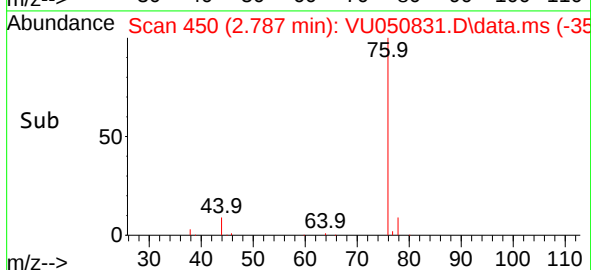
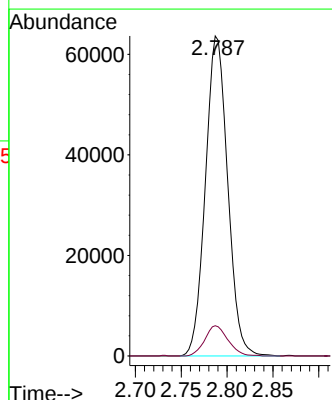
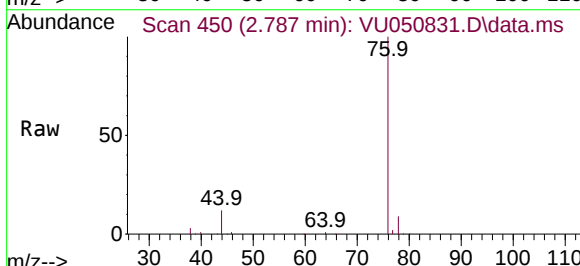
Acq: 20 Sep 2022 14:17

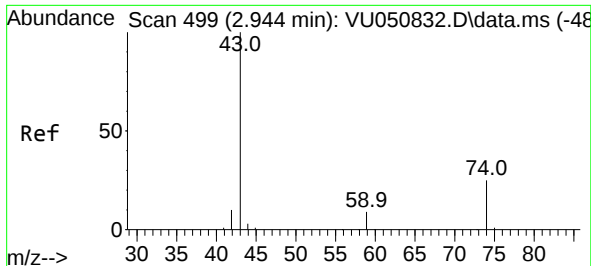
Tgt Ion: 76 Resp: 107461

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

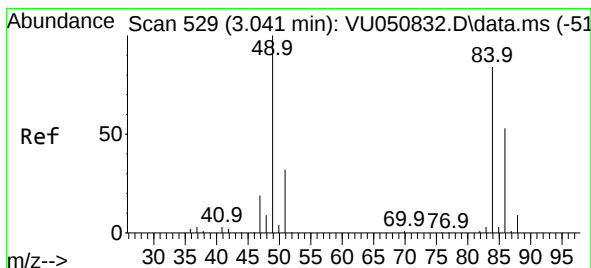
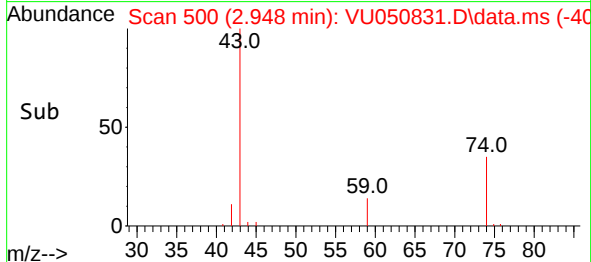
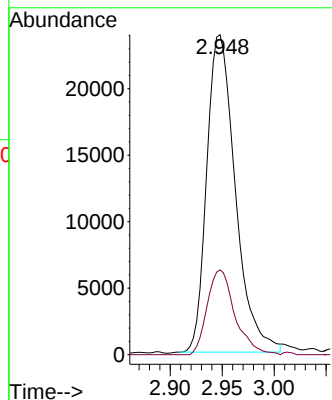
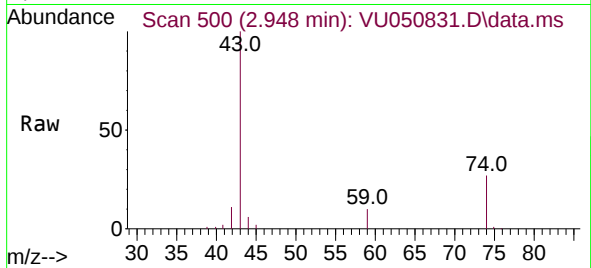




#15
Methyl Acetate
Concen: 10.514 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

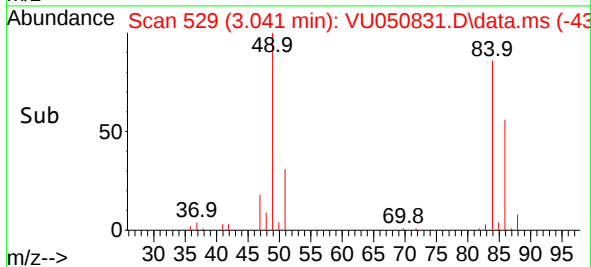
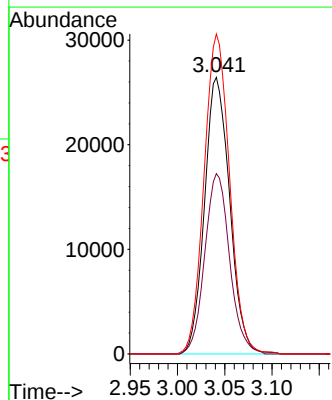
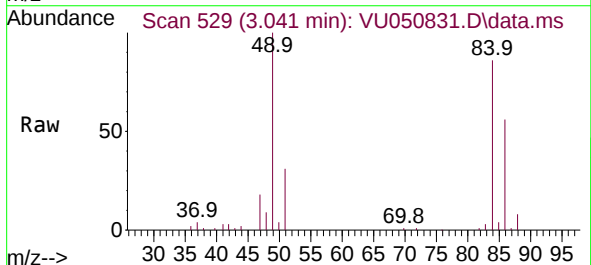
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

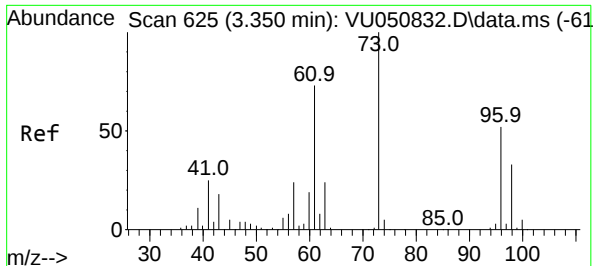
Tgt Ion: 43 Resp: 45712
Ion Ratio Lower Upper
43 100
74 25.8 19.9 29.9



#16
Methylene chloride
Concen: 11.364 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 84 Resp: 49046
Ion Ratio Lower Upper
84 100
86 65.2 44.4 82.5
49 115.7 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 10.070 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD010032

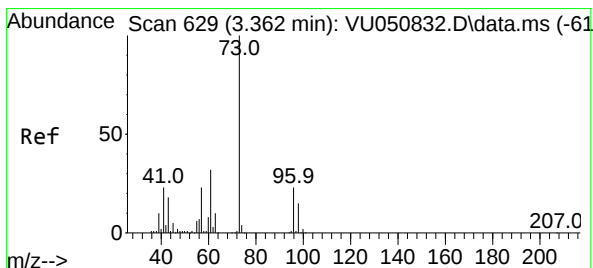
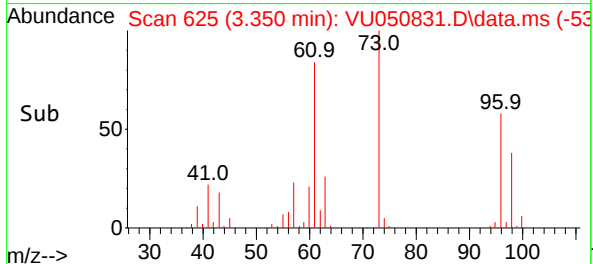
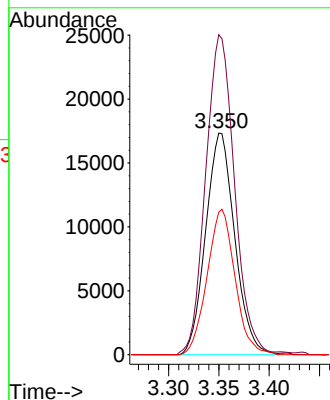
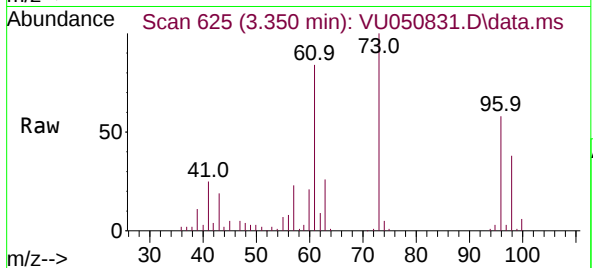
Tgt Ion: 96 Resp: 34858

Ion Ratio Lower Upper

96 100

61 144.4 98.0 182.0

98 64.3 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 9.166 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

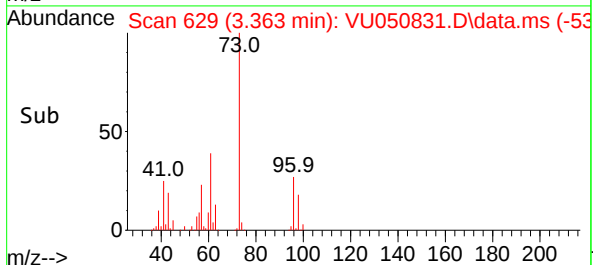
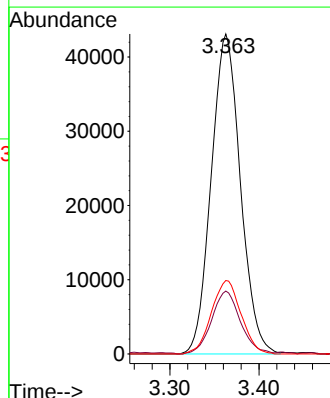
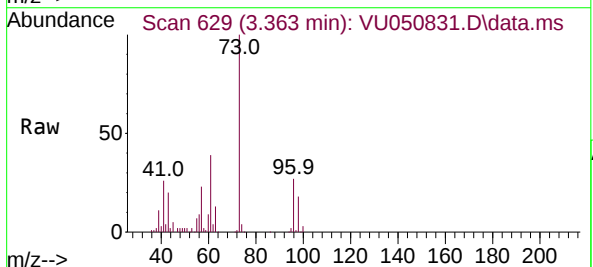
Tgt Ion: 73 Resp: 98061

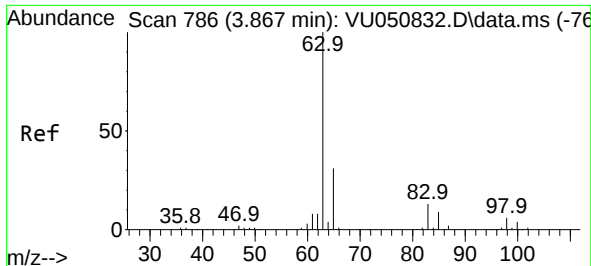
Ion Ratio Lower Upper

73 100

43 19.4 14.4 21.6

57 23.3 18.6 27.8

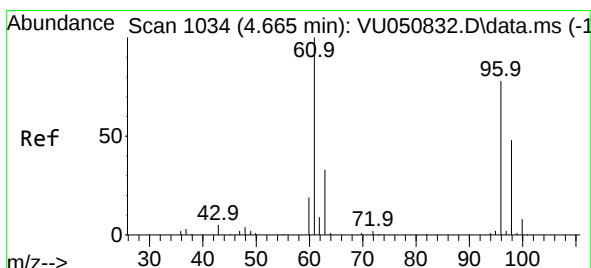
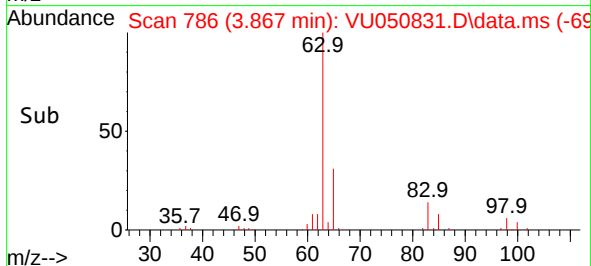
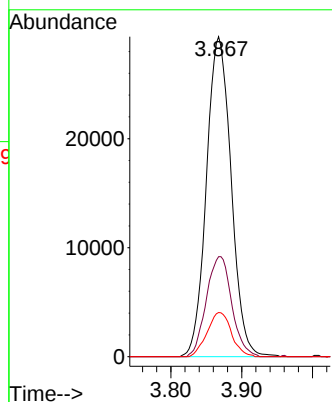
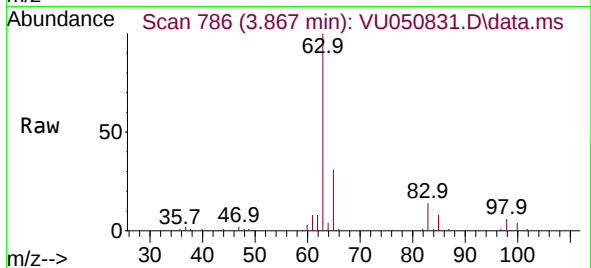




#19
1,1-Dichloroethane
Concen: 10.564 ug/L
RT: 3.867 min Scan# 710
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

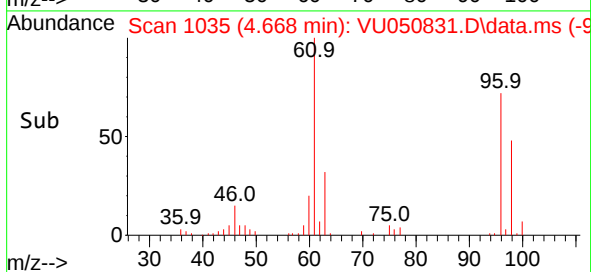
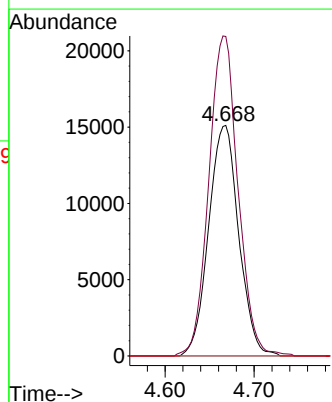
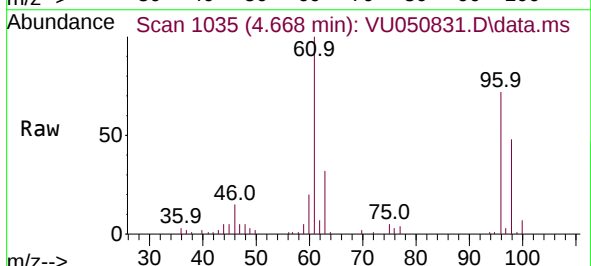
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

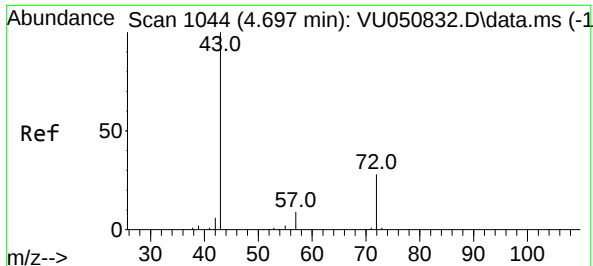
Tgt Ion: 63 Resp: 71020
Ion Ratio Lower Upper
63 100
65 31.2 21.5 39.9
83 13.8 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 9.088 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 96 Resp: 35495
Ion Ratio Lower Upper
96 100
61 138.6 90.1 167.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 18.342 ug/L

RT: 4.703 min Scan# 1044

Delta R.T. 0.007 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

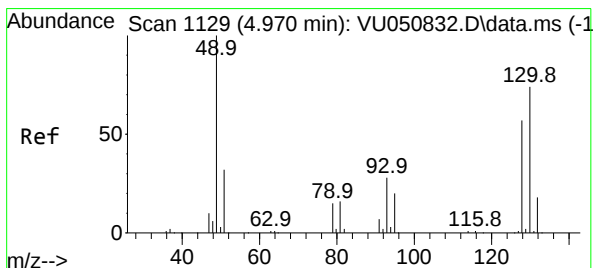
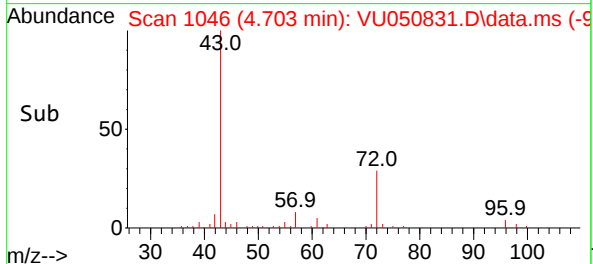
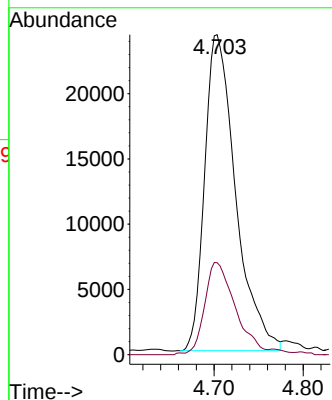
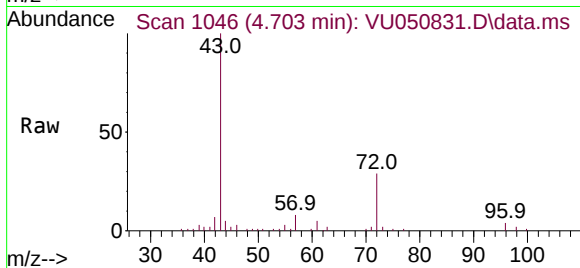
VSTD010032

Tgt Ion: 43 Resp: 58632

Ion Ratio Lower Upper

43 100

72 27.9 14.8 44.3



#23

Bromochloromethane

Concen: 9.862 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Tgt Ion: 128 Resp: 19871

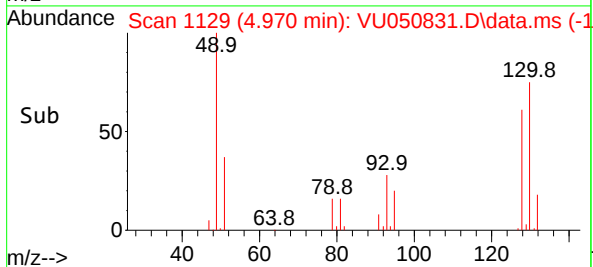
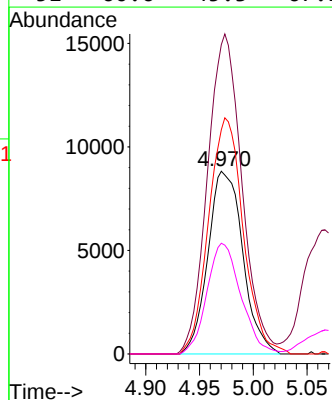
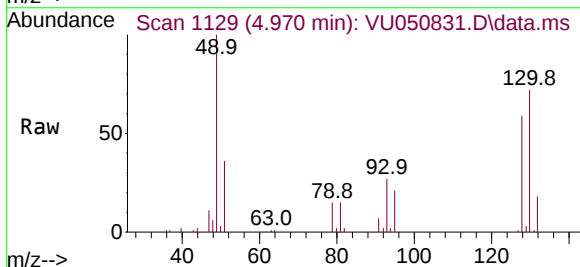
Ion Ratio Lower Upper

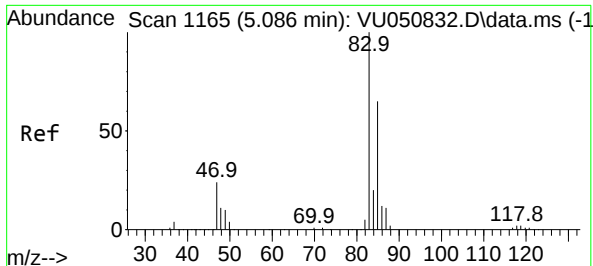
128 100

49 169.3 123.1 228.5

130 122.7 90.9 168.7

51 60.6 45.3 67.9





#25

Chloroform

Concen: 10.271 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

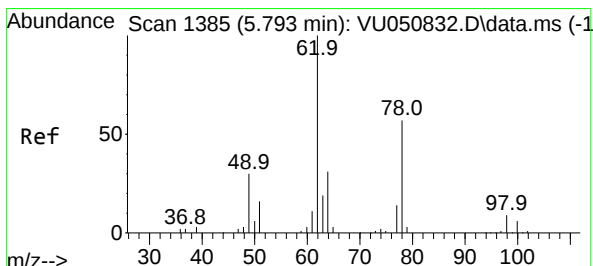
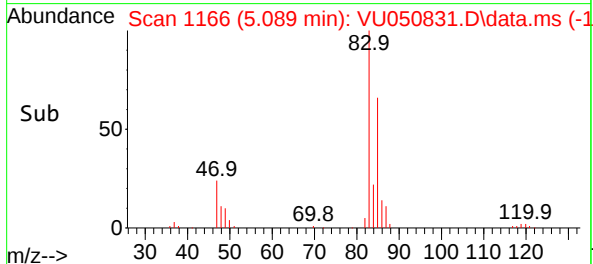
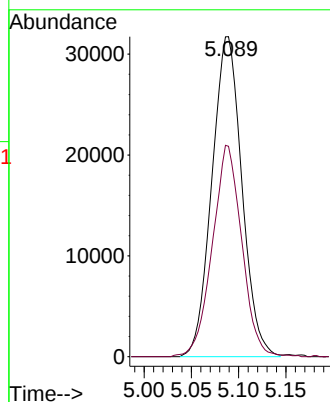
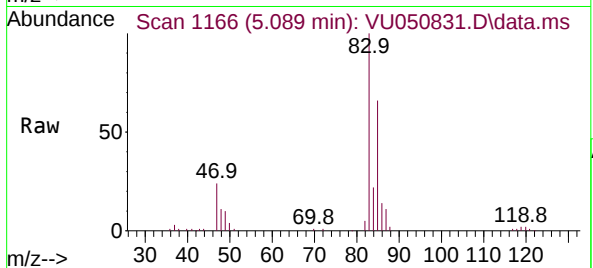
VSTD010032

Tgt Ion: 83 Resp: 69972

Ion Ratio Lower Upper

83 100

85 65.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 10.234 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050831.D

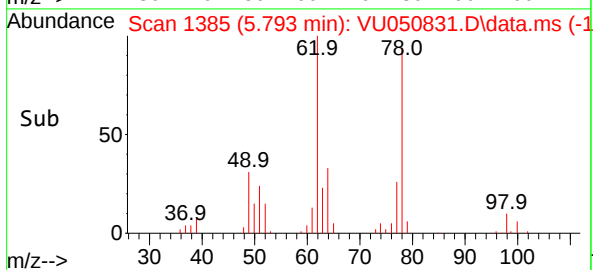
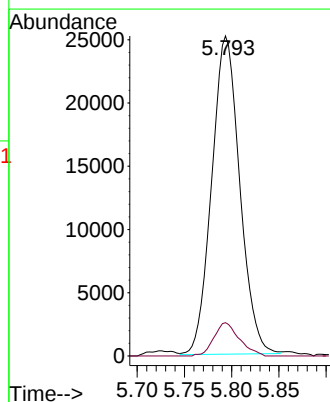
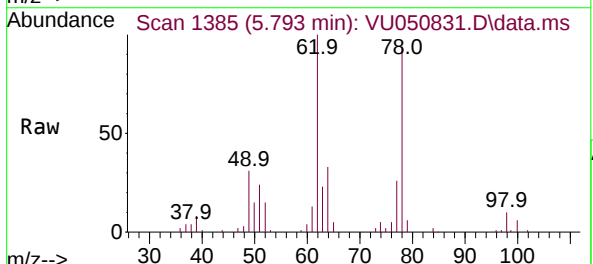
Acq: 20 Sep 2022 14:17

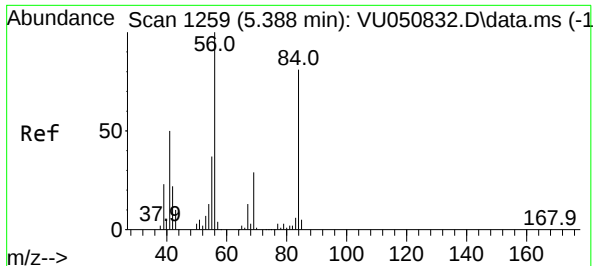
Tgt Ion: 62 Resp: 51925

Ion Ratio Lower Upper

62 100

98 11.1 7.4 11.0#





#29

Cyclohexane

Concen: 9.353 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD010032

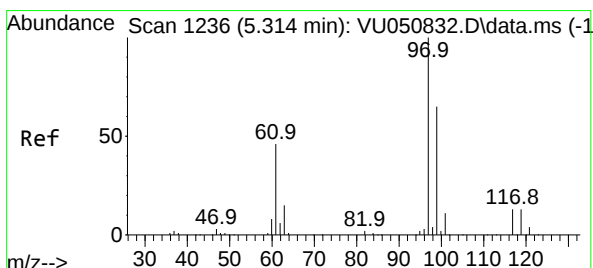
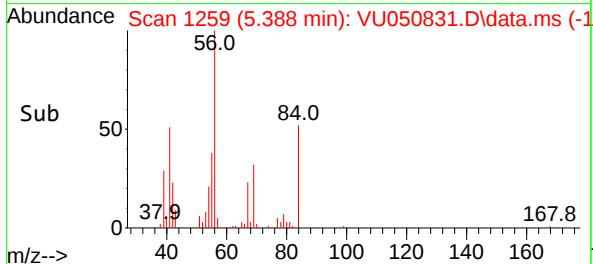
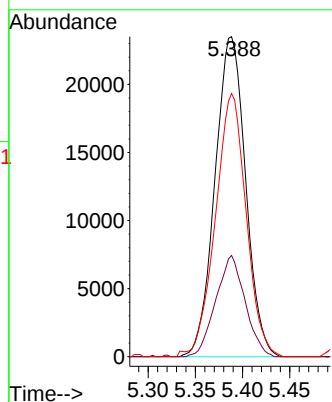
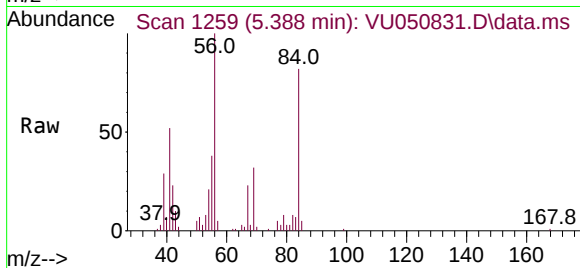
Tgt Ion: 56 Resp: 52991

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 82.1 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 10.181 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

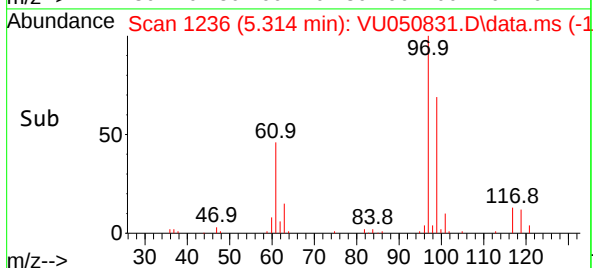
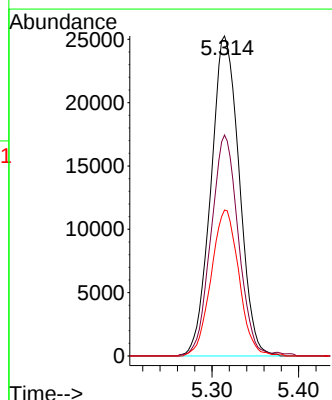
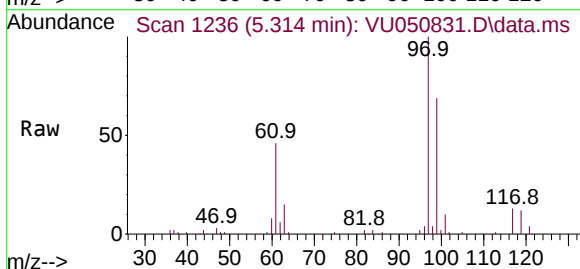
Tgt Ion: 97 Resp: 57358

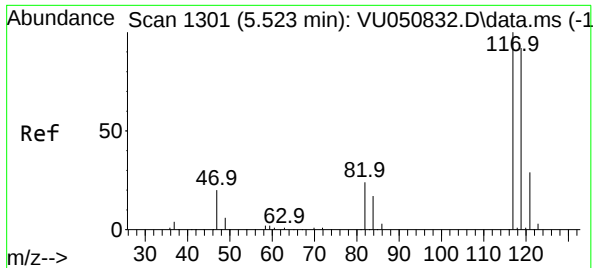
Ion Ratio Lower Upper

97 100

99 66.6 52.2 78.2

61 44.8 37.1 55.7

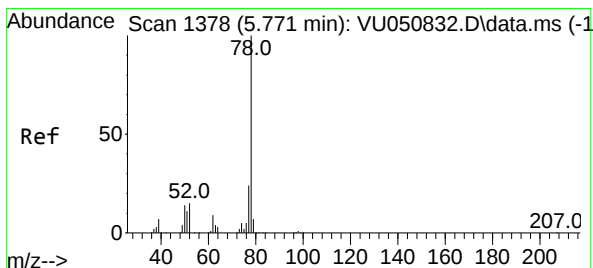
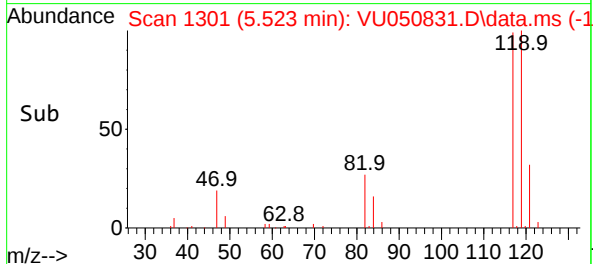
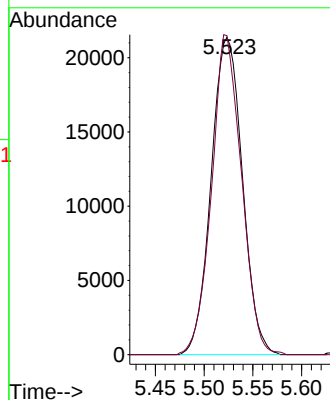
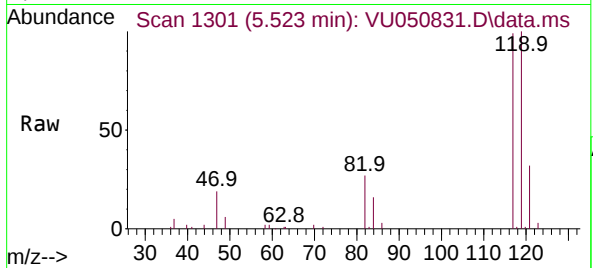




#31
Carbon tetrachloride
Concen: 10.293 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

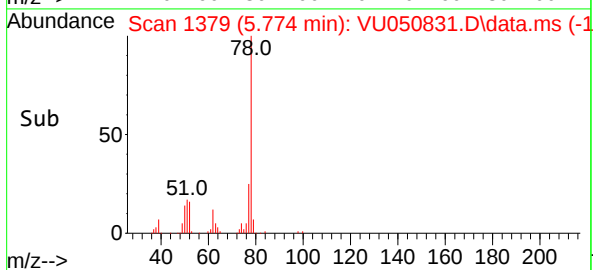
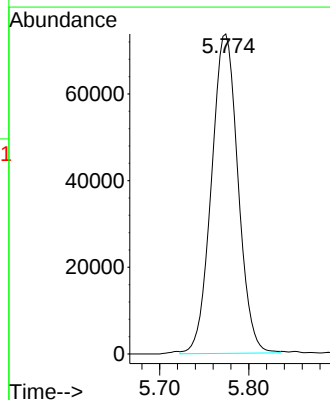
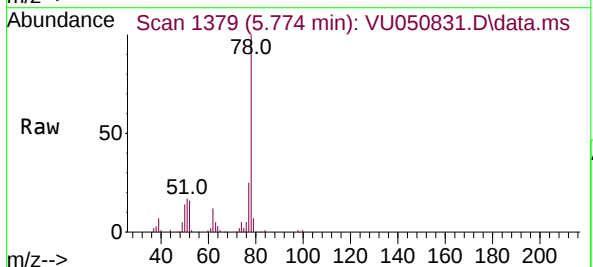
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

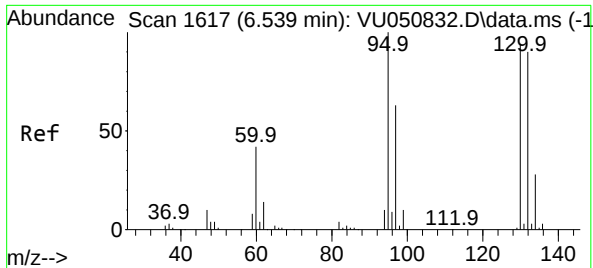
Tgt Ion:117 Resp: 47705
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 9.966 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 78 Resp: 152696





#34

Trichloroethene

Concen: 10.290 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD010032

Tgt Ion: 95 Resp: 36515

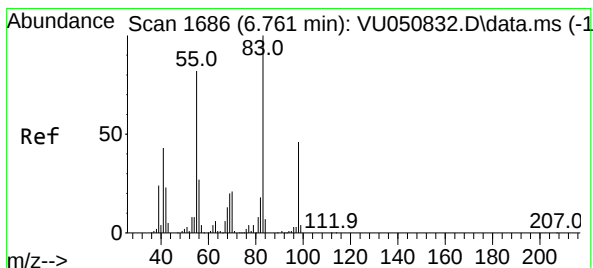
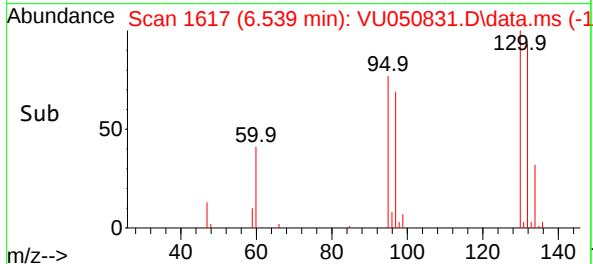
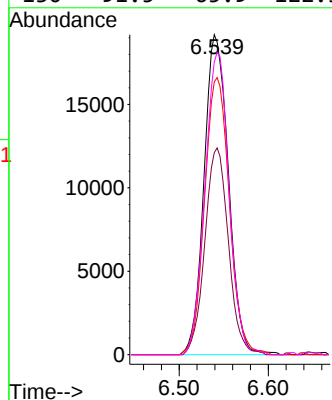
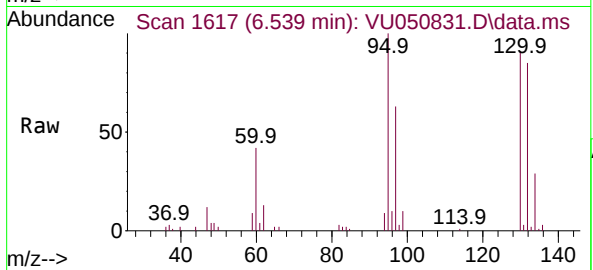
Ion Ratio Lower Upper

95 100

97 63.2 43.9 81.5

132 85.3 63.1 117.1

130 91.5 65.9 122.3



#35

Methylcyclohexane

Concen: 9.146 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

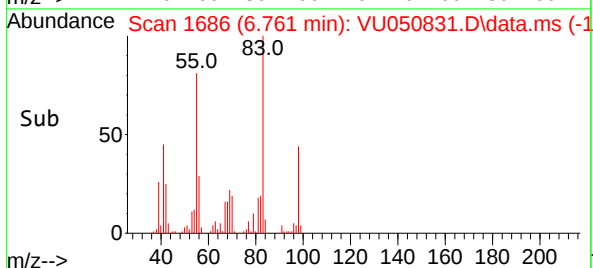
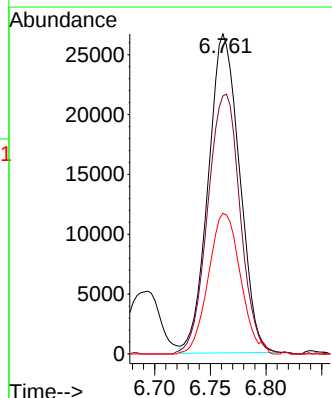
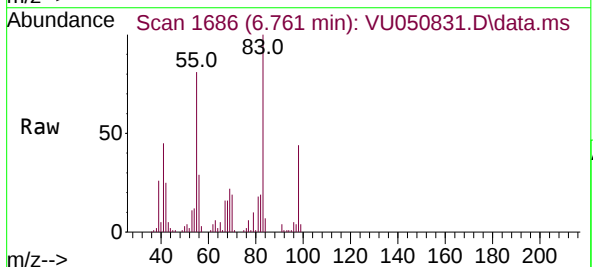
Tgt Ion: 83 Resp: 52099

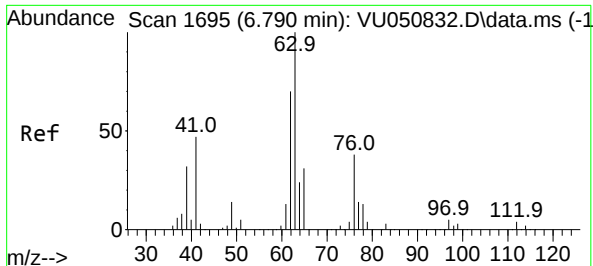
Ion Ratio Lower Upper

83 100

55 84.5 64.7 97.1

98 45.3 35.2 52.8

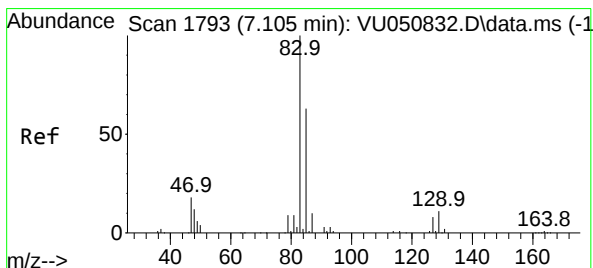
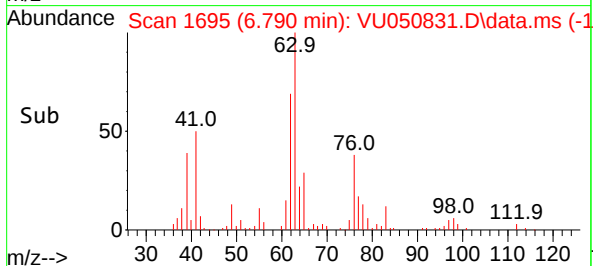
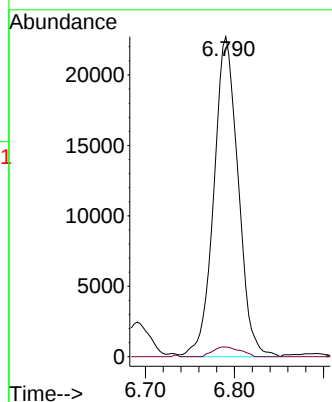
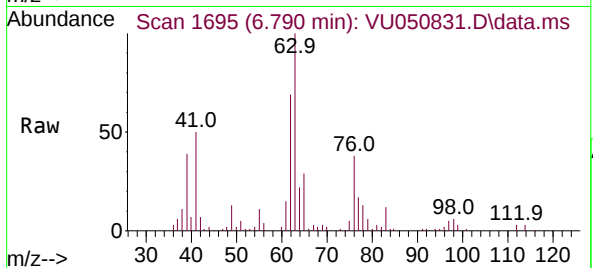




#37
1,2-Dichloropropane
Concen: 10.644 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

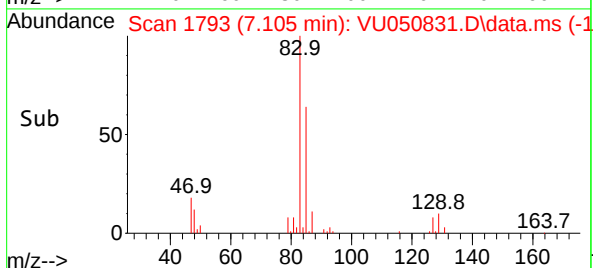
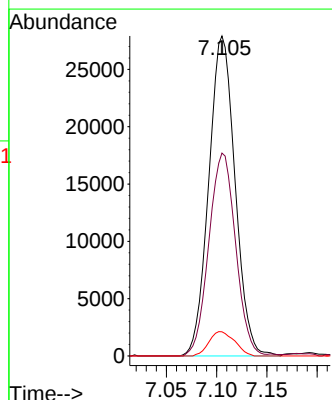
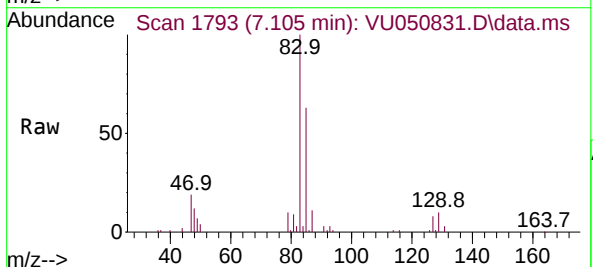
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

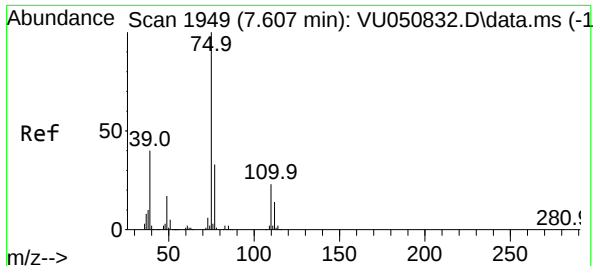
Tgt Ion: 63 Resp: 43159
Ion Ratio Lower Upper
63 100
112 3.4 2.9 4.3



#38
Bromodichloromethane
Concen: 10.680 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 83 Resp: 50827
Ion Ratio Lower Upper
83 100
85 63.4 44.3 82.3
127 7.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 9.293 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

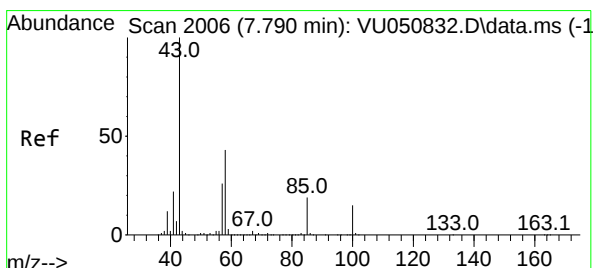
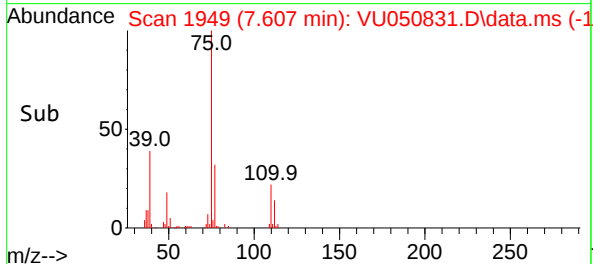
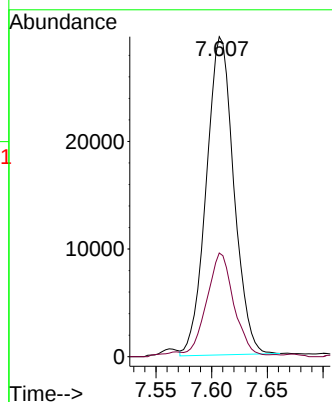
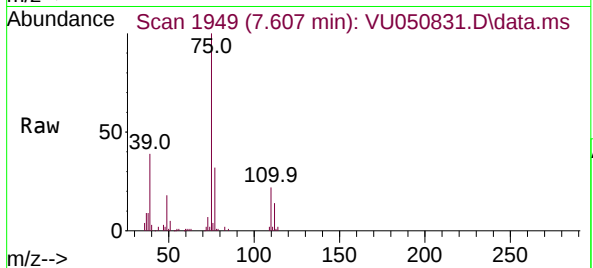
VSTD010032

Tgt Ion: 75 Resp: 50889

Ion Ratio Lower Upper

75 100

77 32.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 18.937 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

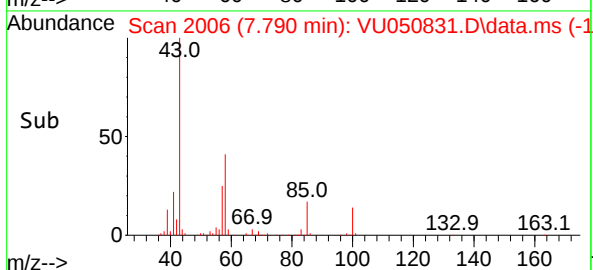
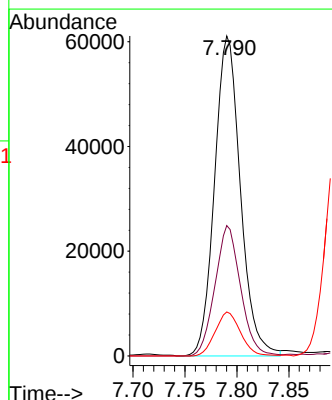
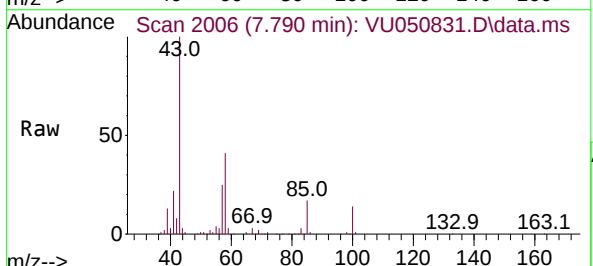
Tgt Ion: 43 Resp: 105728

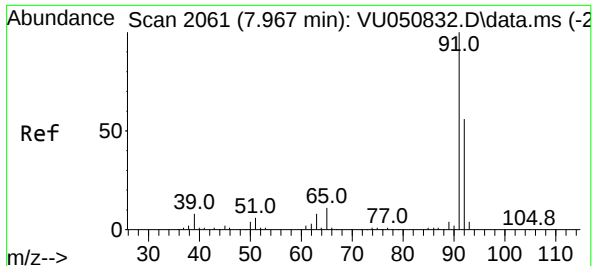
Ion Ratio Lower Upper

43 100

58 40.3 33.8 50.6

100 13.5 12.0 18.0

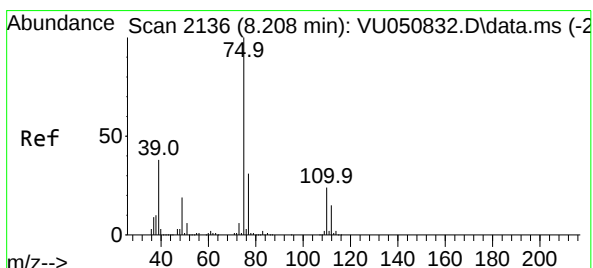
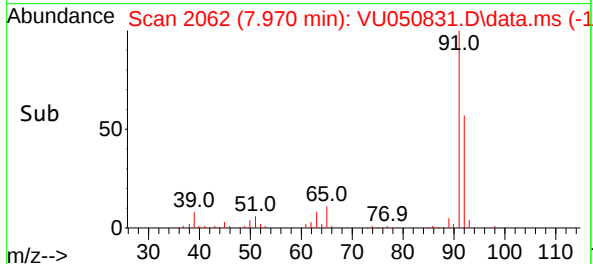
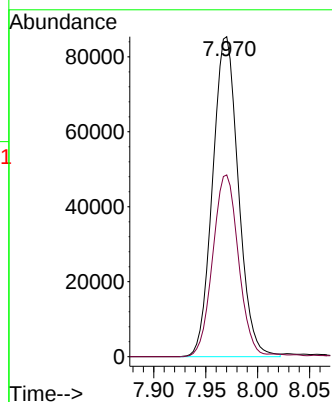
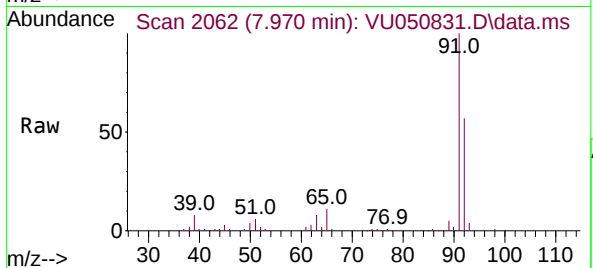




#42
Toluene
Concen: 9.445 ug/L
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

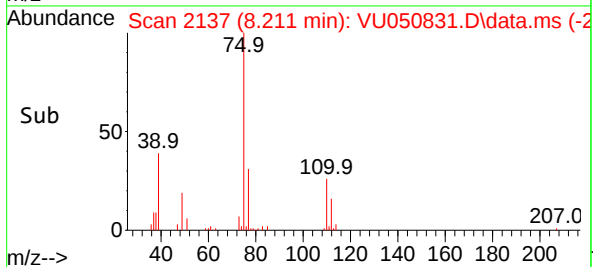
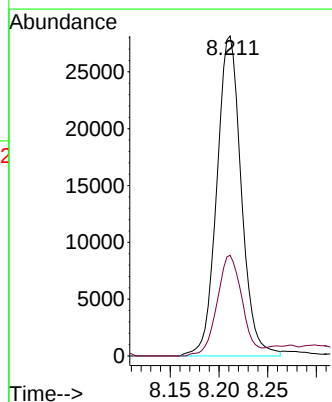
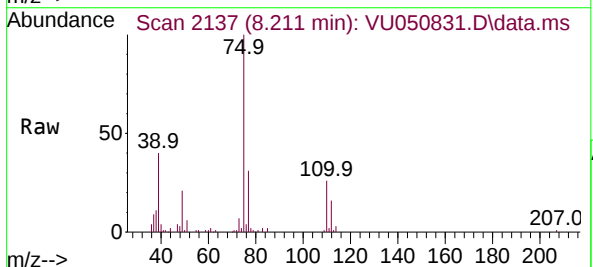
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

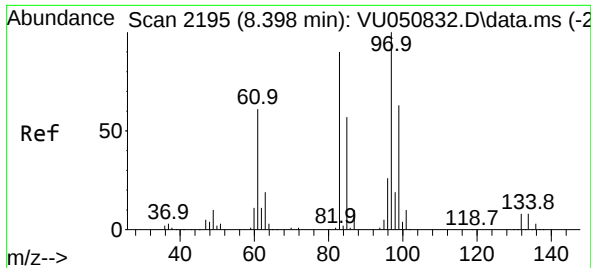
Tgt Ion: 91 Resp: 147101
Ion Ratio Lower Upper
91 100
92 56.8 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 9.451 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 75 Resp: 49194
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7

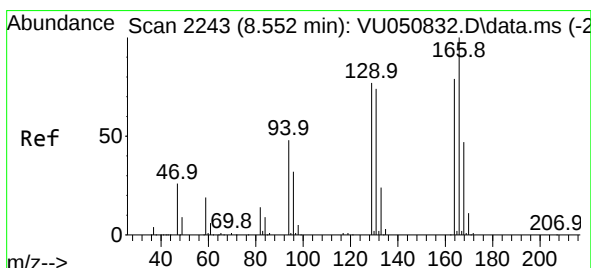
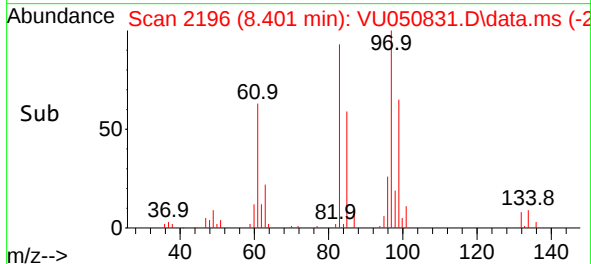
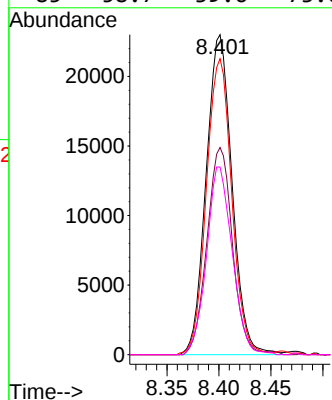
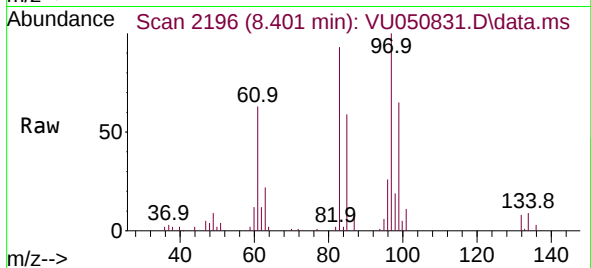




#45
1,1,2-Trichloroethane
Concen: 10.293 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

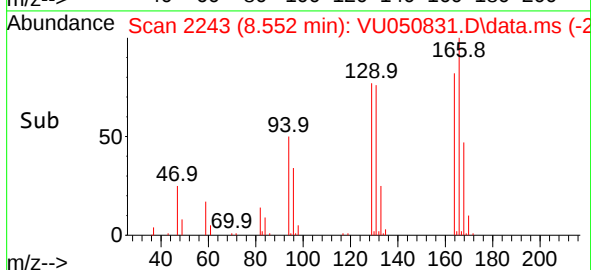
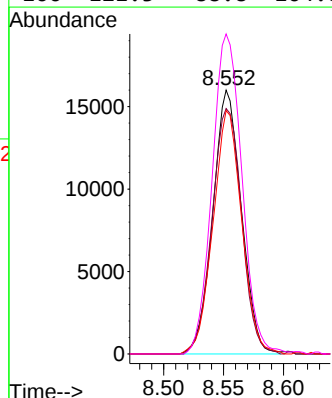
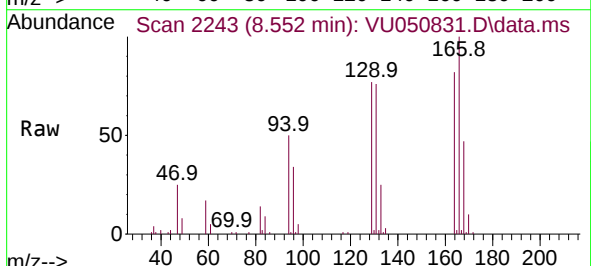
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

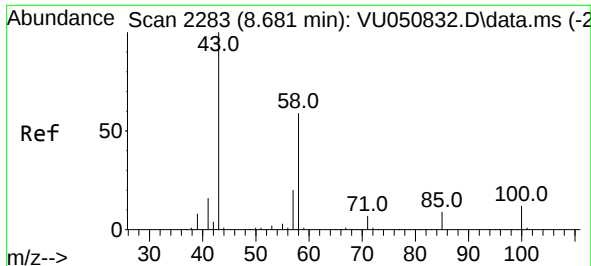
Tgt Ion:	97	Resp:	39931
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.8	81.4
83	92.5	62.6	116.3
85	58.7	39.6	73.6



#46
Tetrachloroethene
Concen: 10.184 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion:	164	Resp:	26388
Ion	Ratio	Lower	Upper
164	100		
129	93.0	68.5	127.3
131	92.2	66.1	122.7
166	121.3	88.8	164.8

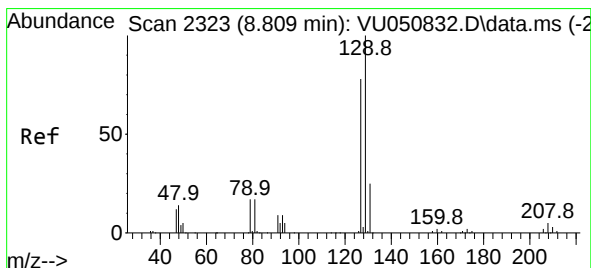
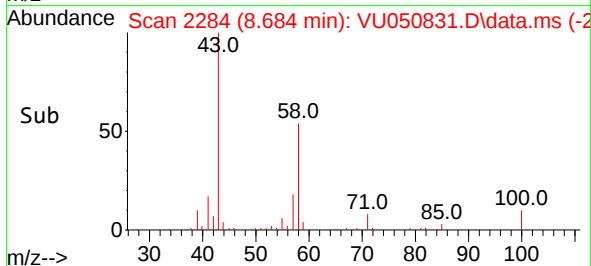
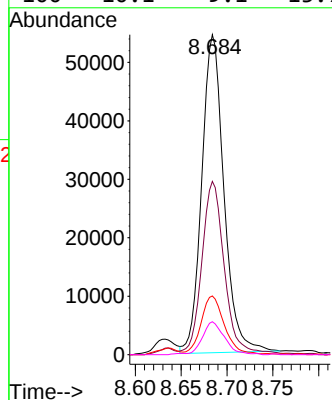
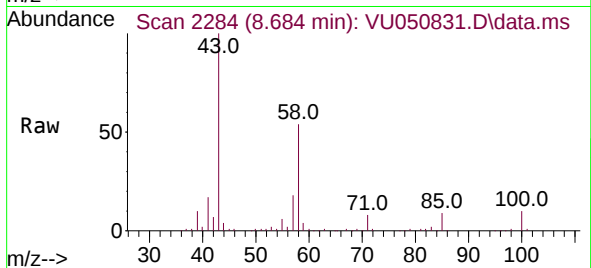




#48
2-Hexanone
Concen: 17.877 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

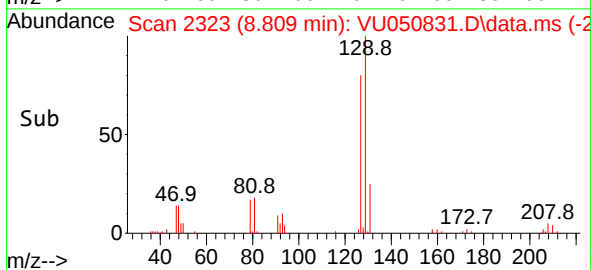
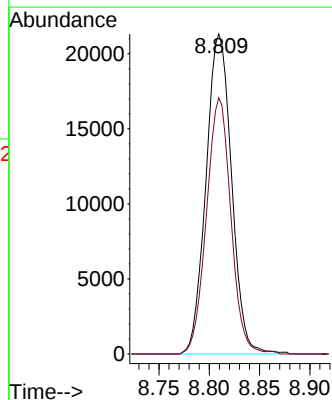
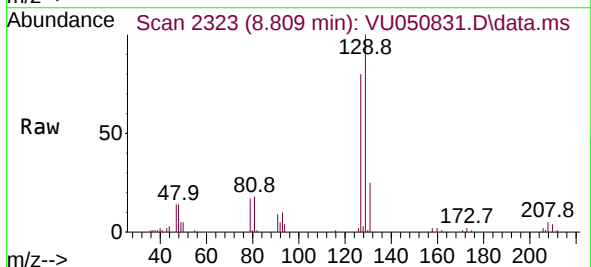
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

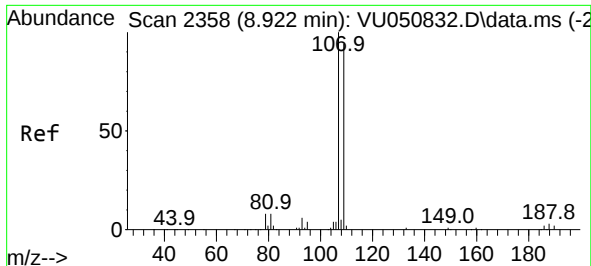
Tgt Ion:	43	Resp:	91559
Ion	Ratio	Lower	Upper
43	100		
58	52.9	47.2	70.8
57	19.5	16.2	24.4
100	10.1	9.1	13.7



#49
Dibromochloromethane
Concen: 10.119 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion:	129	Resp:	37663
Ion	Ratio	Lower	Upper
129	100		
127	80.1	54.5	101.1





#50

1,2-Dibromoethane

Concen: 10.128 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD010032

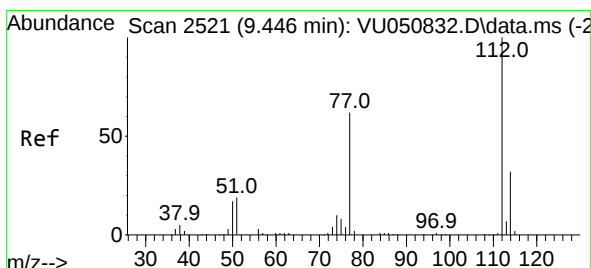
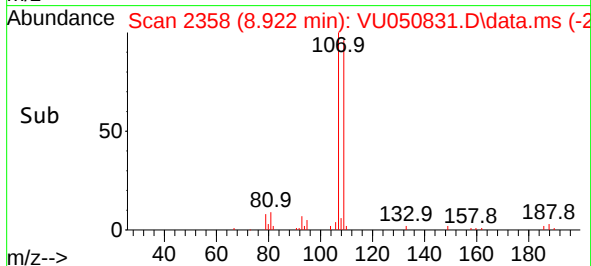
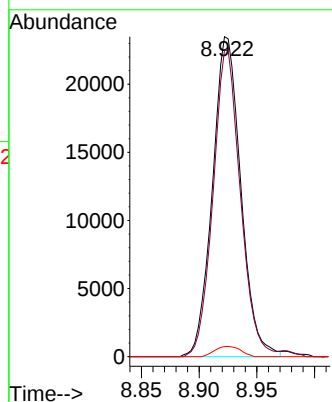
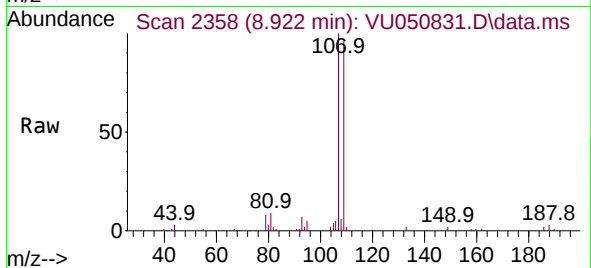
Tgt Ion:107 Resp: 40023

Ion Ratio Lower Upper

107 100

109 95.8 66.0 122.6

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 9.694 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

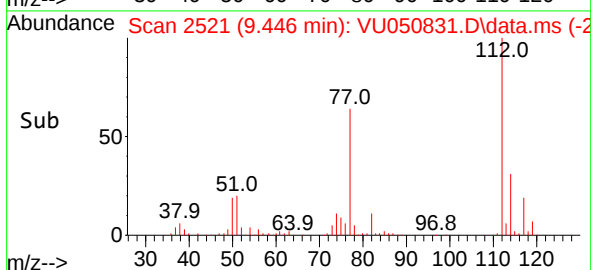
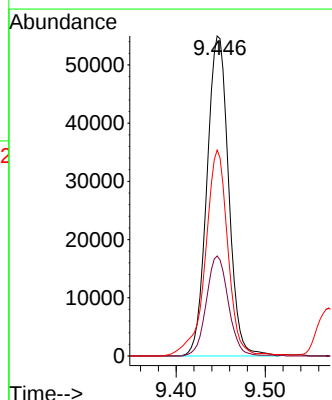
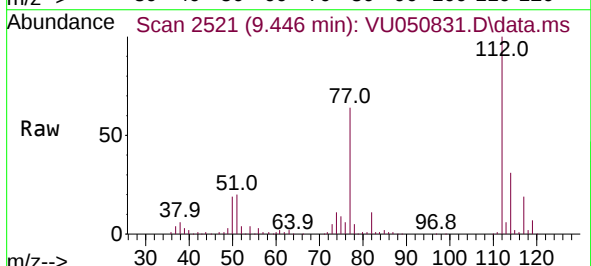
Tgt Ion:112 Resp: 92865

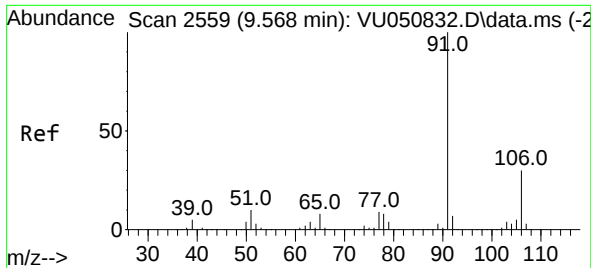
Ion Ratio Lower Upper

112 100

114 31.3 22.3 41.3

77 64.4 49.8 74.8

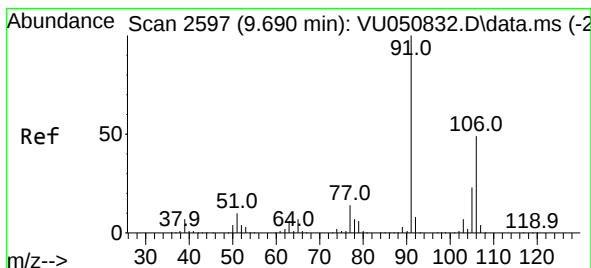
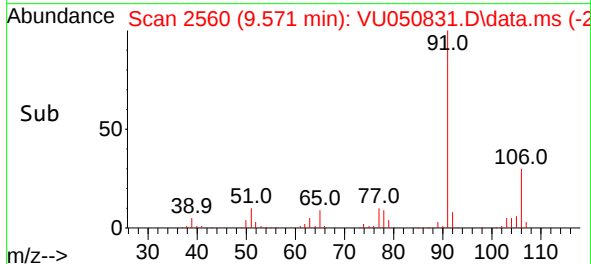
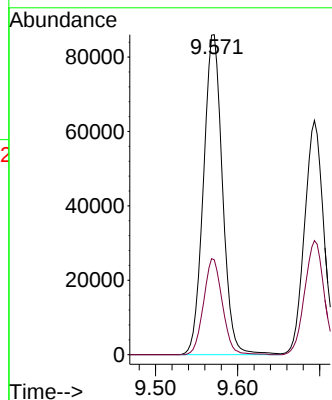
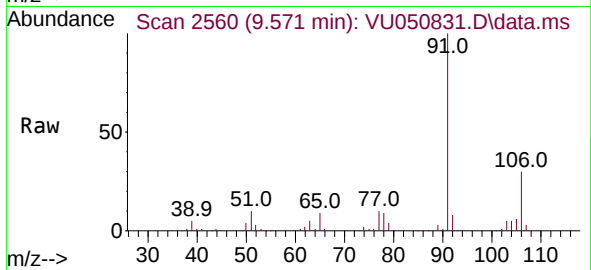




#52
Ethylbenzene
Concen: 9.081 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

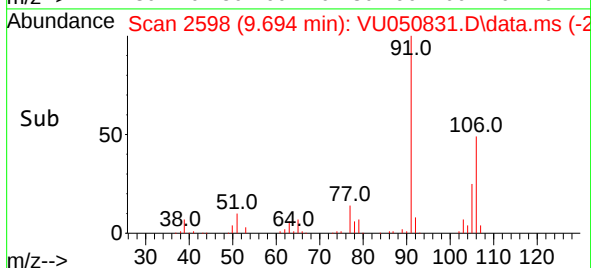
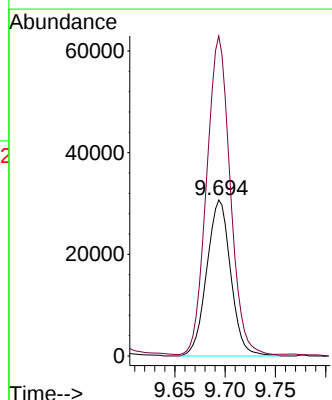
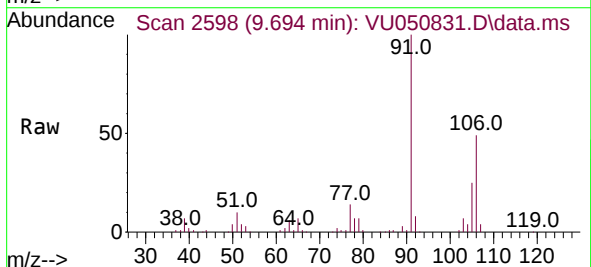
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

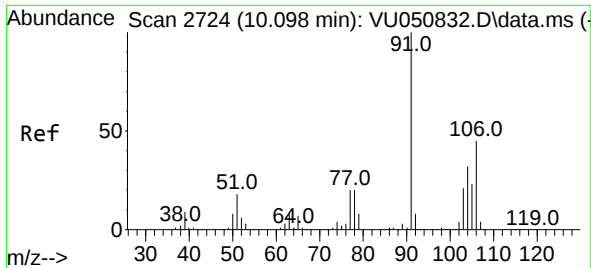
Tgt Ion: 91 Resp: 138829
Ion Ratio Lower Upper
91 100
106 29.6 21.0 39.0



#53
m,p-Xylene
Concen: 8.629 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 106 Resp: 50916
Ion Ratio Lower Upper
106 100
91 205.2 144.0 267.4

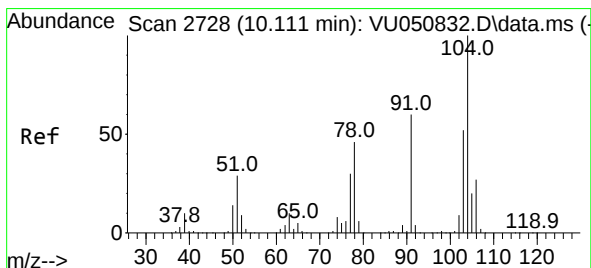
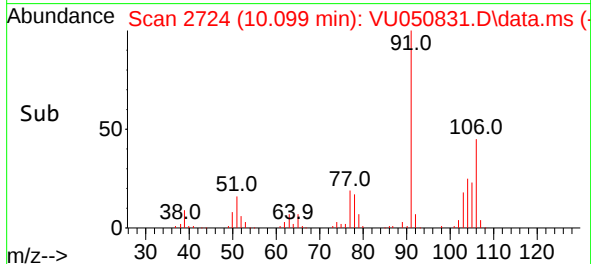
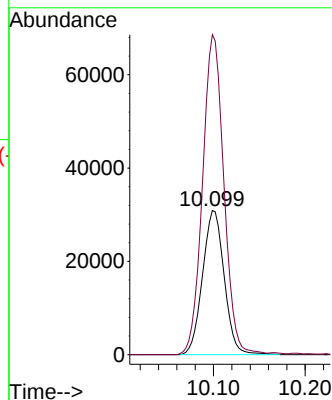
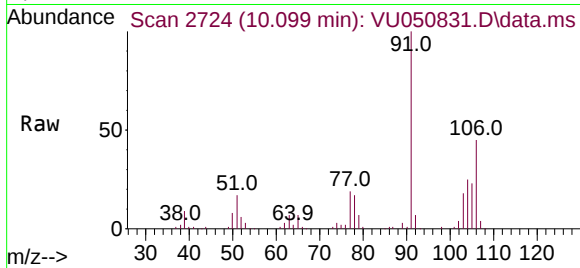




#54
o-Xylene
Concen: 8.722 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

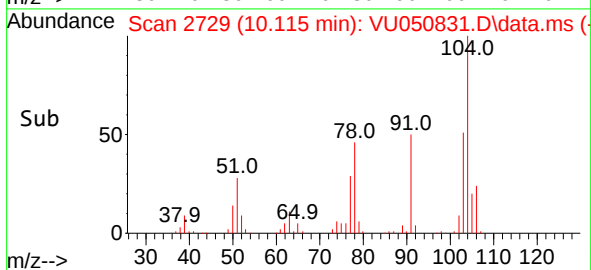
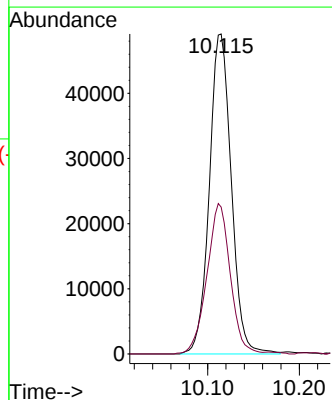
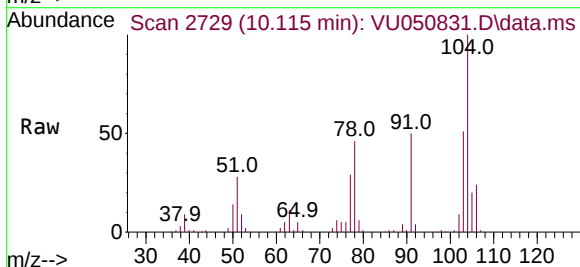
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

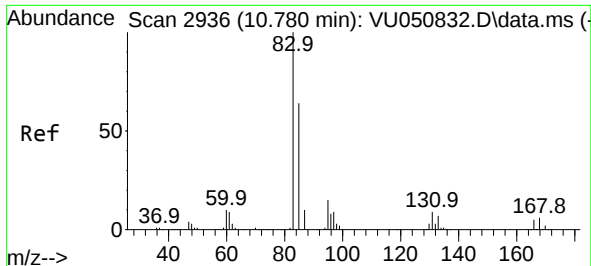
Tgt Ion:106 Resp: 50807
Ion Ratio Lower Upper
106 100
91 221.9 154.6 287.0



#55
Styrene
Concen: 8.441 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion:104 Resp: 81816
Ion Ratio Lower Upper
104 100
78 45.9 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 10.422 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD010032

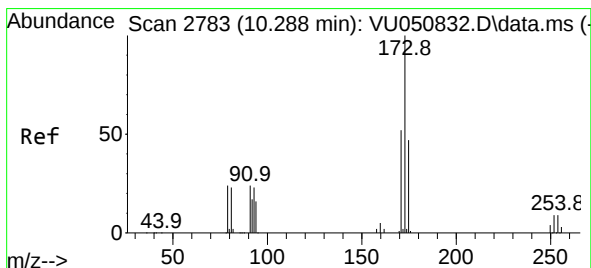
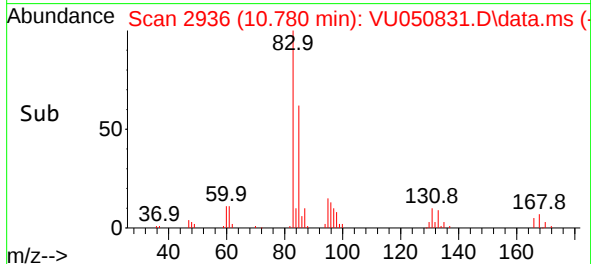
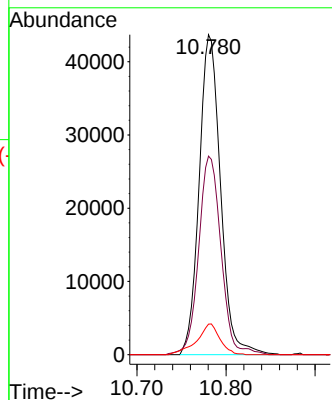
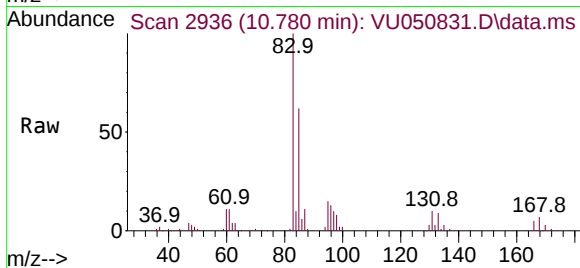
Tgt Ion: 83 Resp: 72917

Ion Ratio Lower Upper

83 100

85 62.1 45.1 83.9

131 9.5 7.1 10.7



#59

Bromoform

Concen: 10.248 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU050831.D

Acq: 20 Sep 2022 14:17

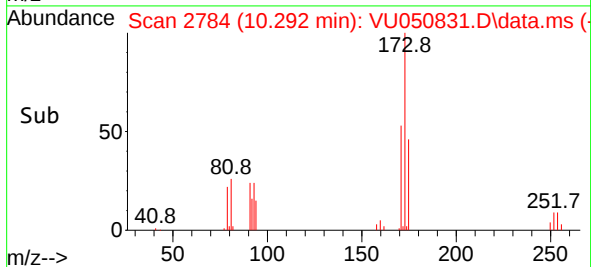
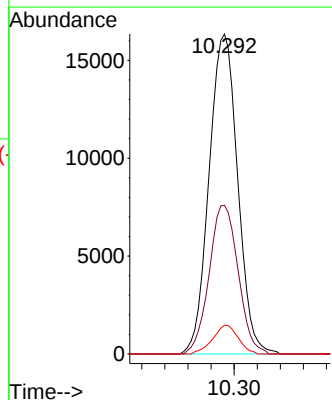
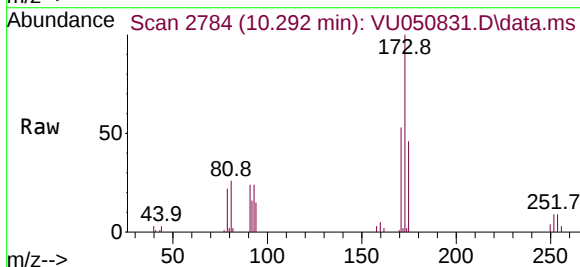
Tgt Ion: 173 Resp: 28102

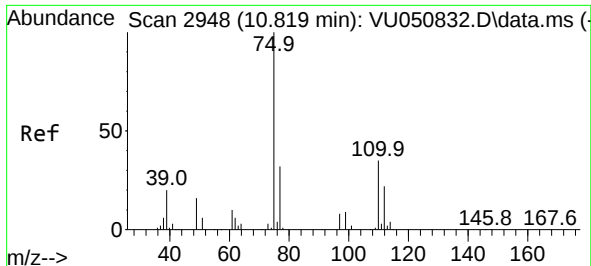
Ion Ratio Lower Upper

173 100

175 47.1 37.8 56.8

254 8.0 7.1 10.7

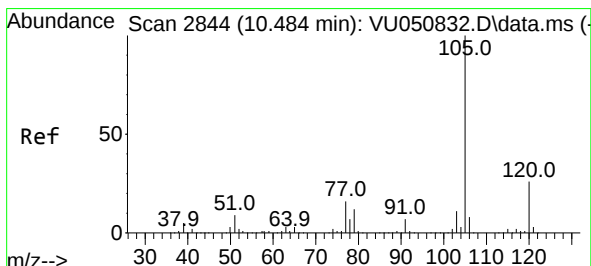
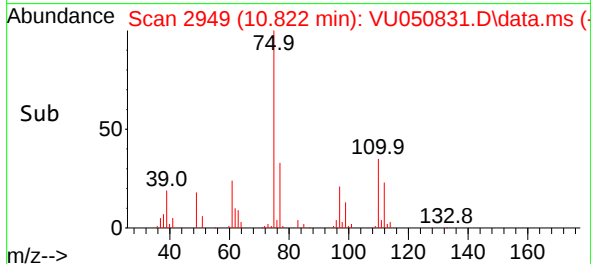
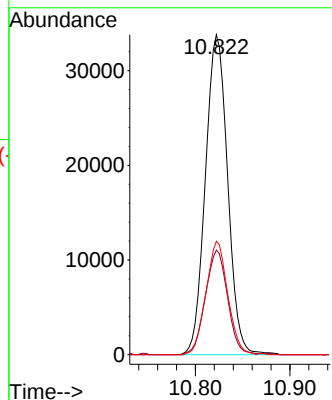
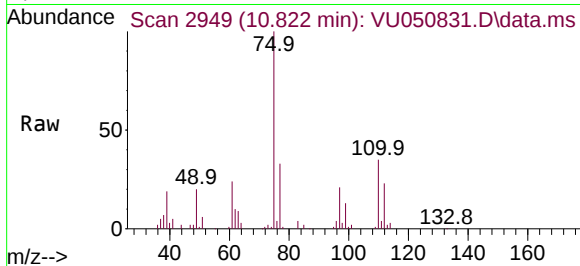




#60
1,2,3-Trichloropropane
Concen: 10.304 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

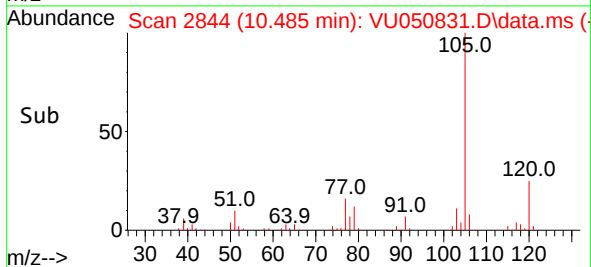
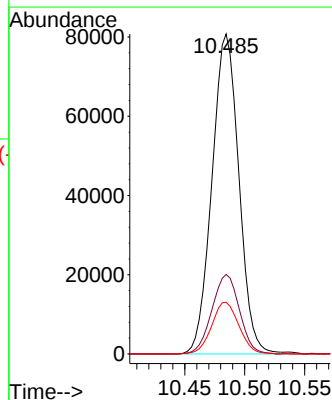
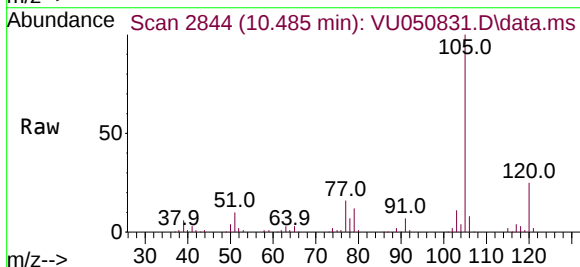
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

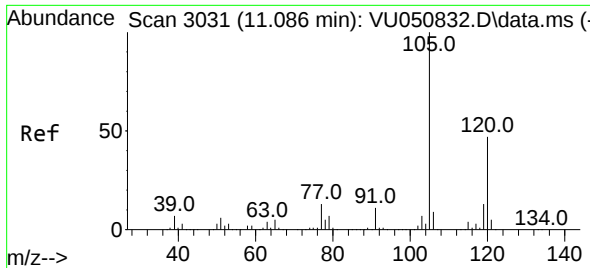
Tgt Ion: 75 Resp: 55339
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4
110 34.6 28.6 43.0



#61
Isopropylbenzene
Concen: 8.736 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 105 Resp: 125763
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 16.4 12.9 19.3

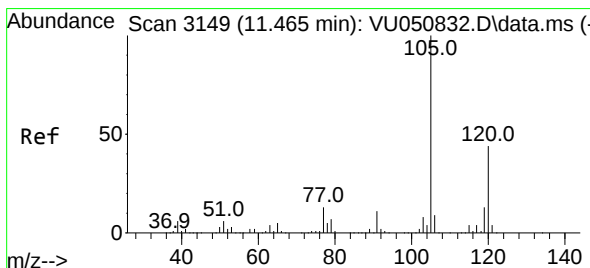
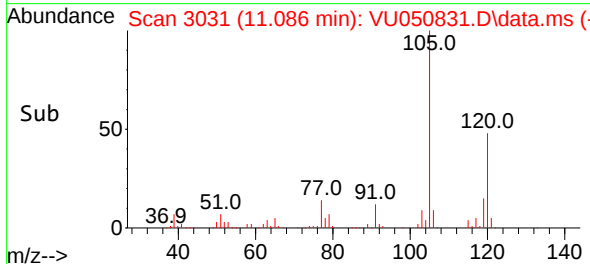
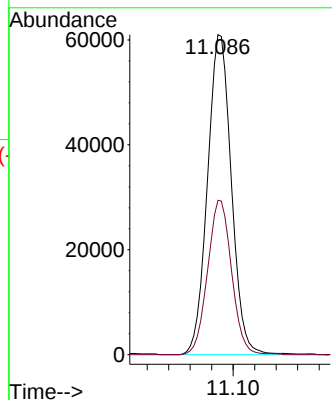
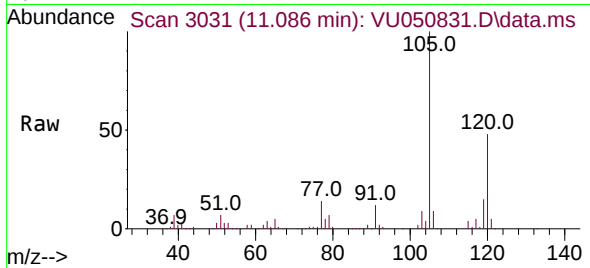




#62
 1,3,5-Trimethylbenzene
 Concen: 7.663 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

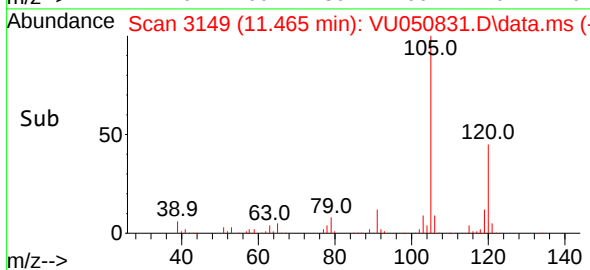
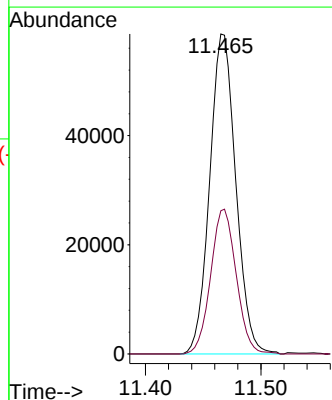
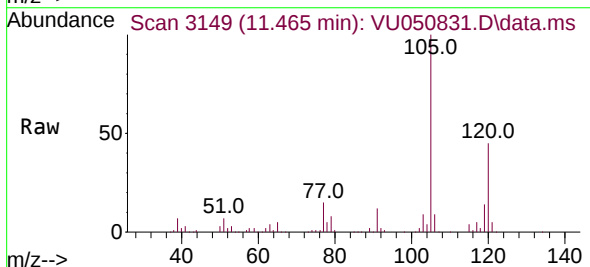
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

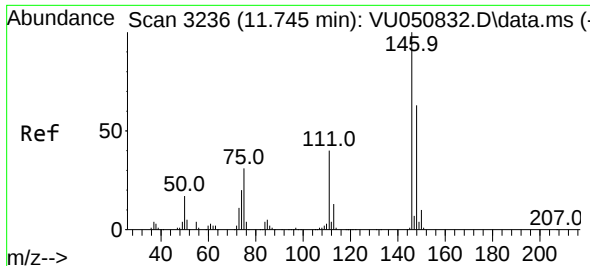
Tgt Ion:105 Resp: 93906
 Ion Ratio Lower Upper
 105 100
 120 48.4 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 7.779 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

Tgt Ion:105 Resp: 92123
 Ion Ratio Lower Upper
 105 100
 120 44.3 34.9 52.3

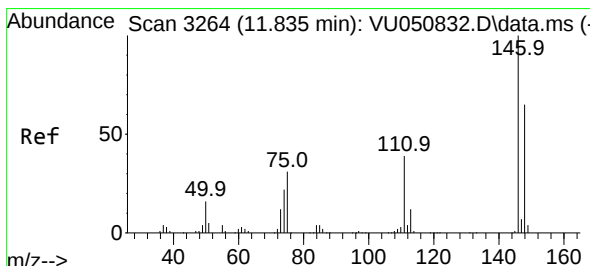
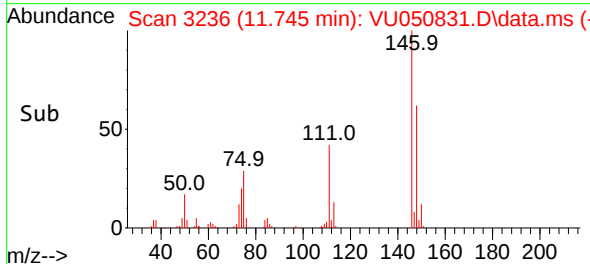
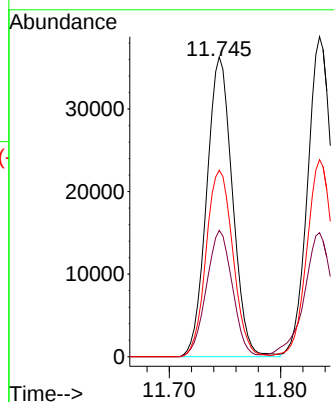
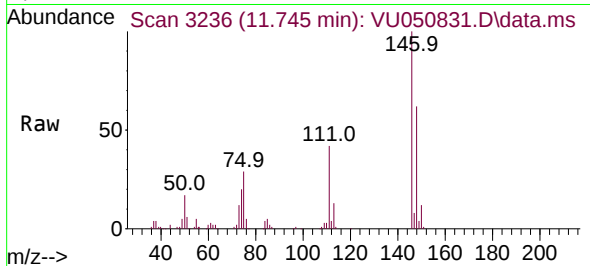




#64
1,3-Dichlorobenzene
Concen: 9.189 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

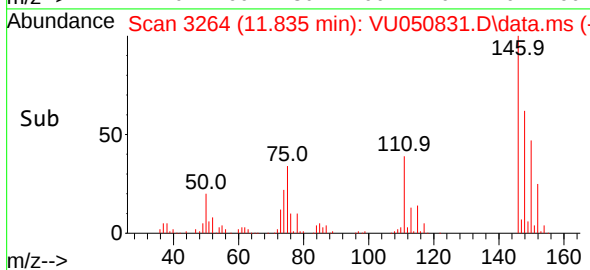
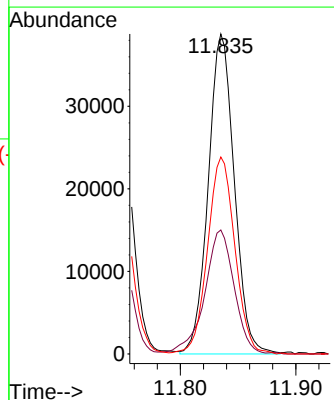
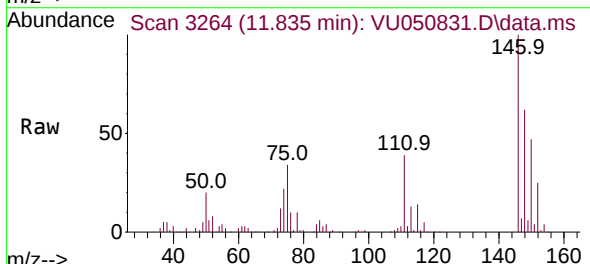
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

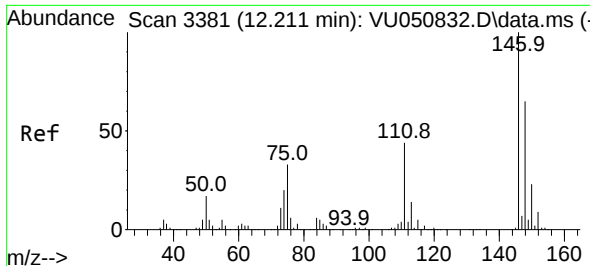
Tgt Ion:146 Resp: 58466
Ion Ratio Lower Upper
146 100
111 42.1 27.9 51.7
148 62.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 9.673 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion:146 Resp: 60827
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 61.6 45.4 84.2

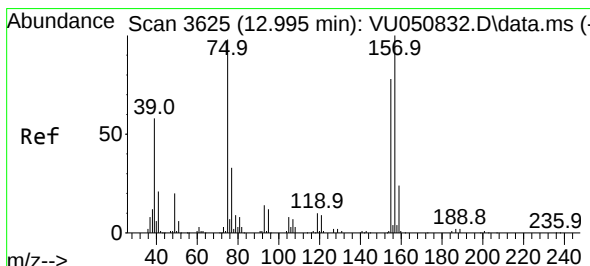
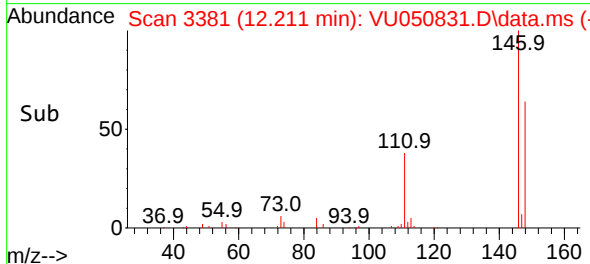
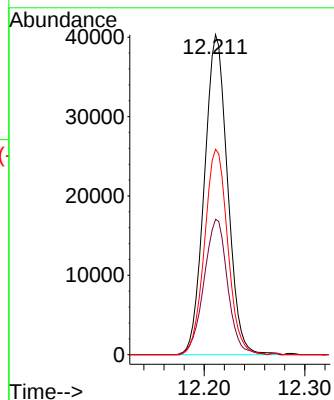
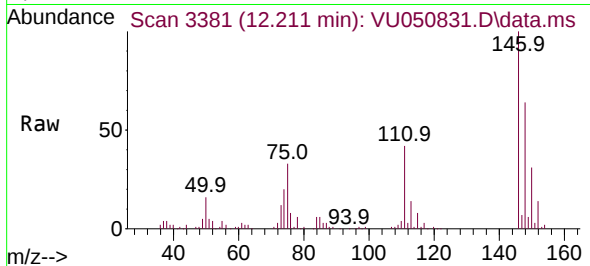




#67
1,2-Dichlorobenzene
Concen: 9.553 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

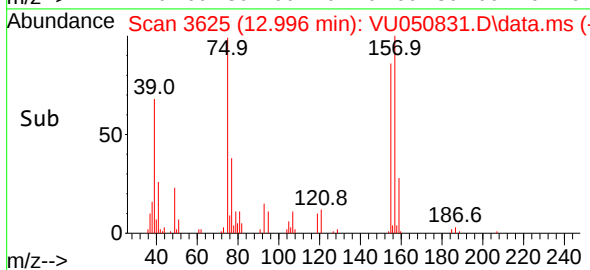
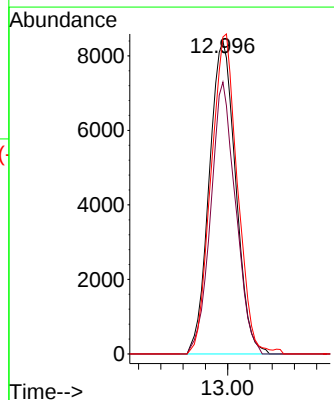
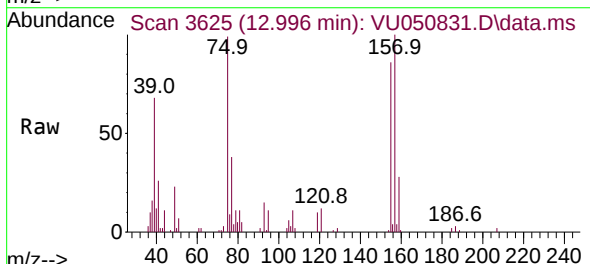
Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

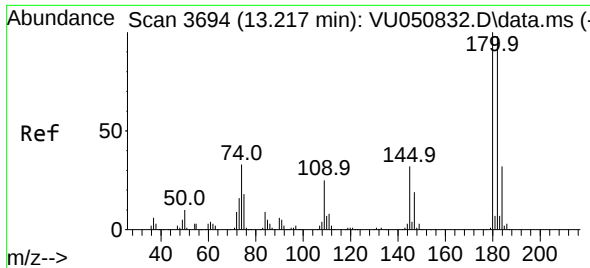
Tgt Ion:146 Resp: 64569
Ion Ratio Lower Upper
146 100
111 42.3 35.2 52.8
148 64.2 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 9.580 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion: 75 Resp: 13828
Ion Ratio Lower Upper
75 100
155 91.1 63.8 95.8
157 105.0 81.8 122.8

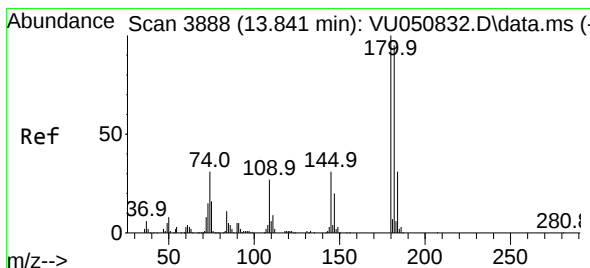
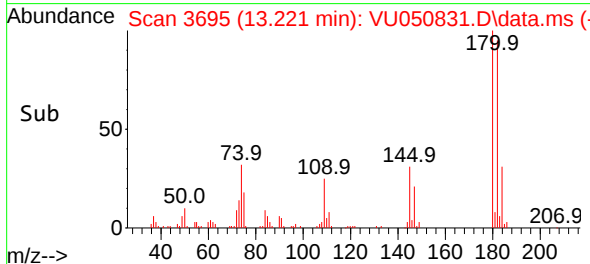
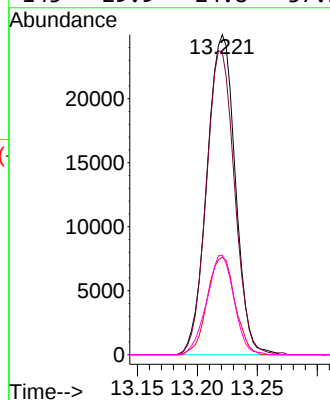
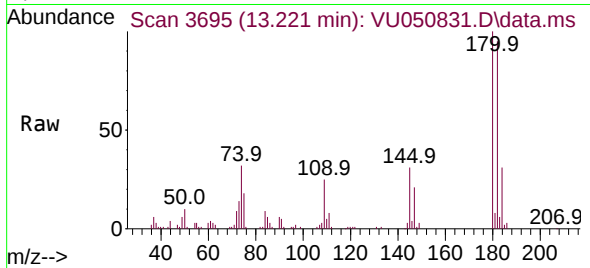




#69
 1,3,5-Trichlorobenzene
 Concen: 8.994 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

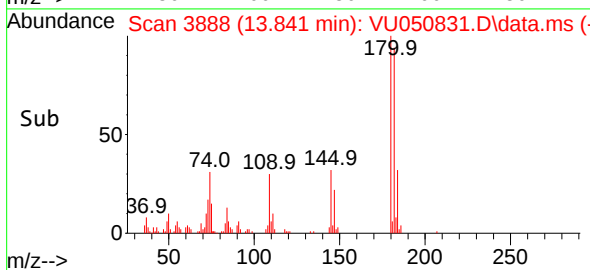
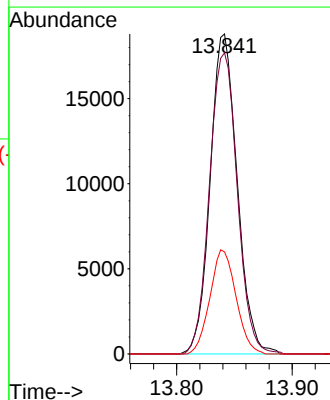
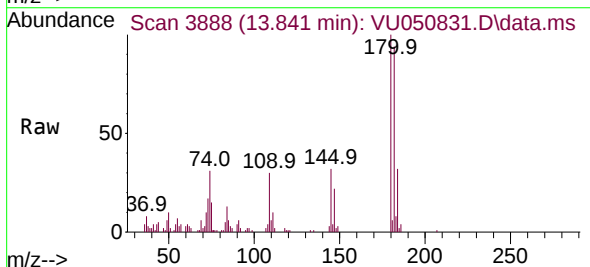
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

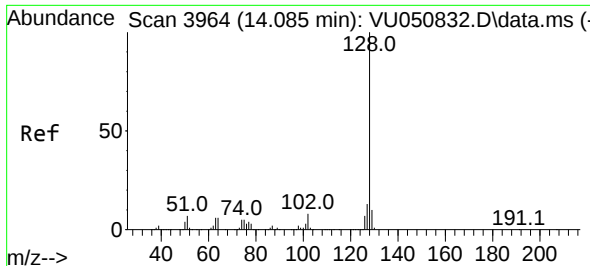
Tgt Ion:	180	Resp:	40959
Ion Ratio	Lower	Upper	
180	100		
182	94.6	78.2	117.2
184	29.9	24.8	37.2
145	29.9	24.8	37.2



#70
 1,2,4-trichlorobenzene
 Concen: 7.854 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050831.D
 Acq: 20 Sep 2022 14:17

Tgt Ion:	180	Resp:	30551
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.2	114.2
145	31.4	25.1	37.7

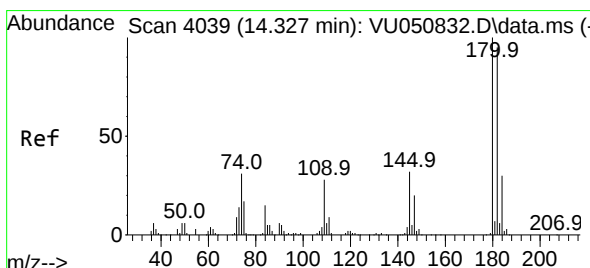
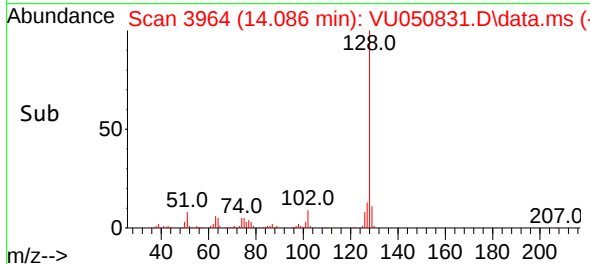
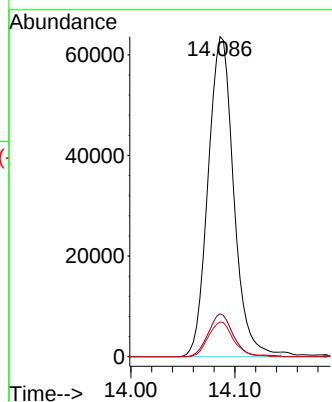
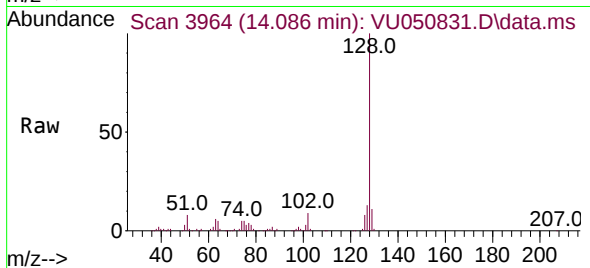




#71
Naphthalene
Concen: 7.721 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD010032

Tgt Ion:128 Resp: 108864
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.5 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 8.648 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU050831.D
Acq: 20 Sep 2022 14:17

Tgt Ion:180 Resp: 36558
Ion Ratio Lower Upper
180 100
182 94.6 76.9 115.3
145 33.3 26.3 39.5

