

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051463.D
 Acq On : 20 Oct 2022 10:22
 Operator : JC/MD
 Sample : VSTD01044
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 21:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:37:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	442408	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	464213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	219621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38998	9.037	ug/L	0.00
7) Chloroethane-d5	1.893	69	32249	8.039	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	64569	9.880	ug/L	0.00
21) 2-Butanone-d5	4.623	46	48798	17.117	ug/L	0.00
24) Chloroform-d	5.060	84	70463	9.899	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	43548	9.902	ug/L	0.00
32) Benzene-d6	5.726	84	129670	9.611	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	43198	9.862	ug/L	0.00
41) Toluene-d8	7.896	98	112948	9.035	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	16908	8.206	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	29843	16.577	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	74710	9.793	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	41972	9.189	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	41486	11.080	ug/L	99
3) Chloromethane	1.523	50	52900	11.868	ug/L	97
5) Vinyl chloride	1.604	62	52228	11.081	ug/L	92
6) Bromomethane	1.829	94	28085	7.760	ug/L	96
8) Chloroethane	1.916	64	30928	9.087	ug/L	96
9) Trichlorofluoromethane	2.128	101	61160	9.885	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	37168	10.945	ug/L	99
12) 1,1-Dichloroethene	2.575	96	34358	10.768	ug/L	96
13) Acetone	2.623	43	55191	22.671	ug/L	97
14) Carbon disulfide	2.787	76	112489	11.719	ug/L	100
15) Methyl Acetate	2.944	43	44366	10.422	ug/L	97
16) Methylene chloride	3.044	84	45452	9.991	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	34262	10.131	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	92099	9.115	ug/L	99
19) 1,1-Dichloroethane	3.864	63	68684	10.704	ug/L	97
20) cis-1,2-Dichloroethene	4.661	96	36006	9.628	ug/L	92
22) 2-Butanone	4.700	43	62247	19.271	ug/L	97
23) Bromochloromethane	4.970	128	21497	10.493	ug/L	96
25) Chloroform	5.086	83	72838	10.530	ug/L	93
27) 1,2-Dichloroethane	5.793	62	56159	10.558	ug/L	99
29) Cyclohexane	5.385	56	43056	9.251	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	57221	10.440	ug/L	99
31) Carbon tetrachloride	5.520	117	49066	10.920	ug/L	99
33) Benzene	5.771	78	151278	10.511	ug/L	100
34) Trichloroethene	6.539	95	35915	9.783	ug/L	97
35) Methylcyclohexane	6.761	83	46122	9.051	ug/L	97
37) 1,2-Dichloropropane	6.787	63	42150	10.864	ug/L	99
38) Bromodichloromethane	7.105	83	53726	10.468	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	48942	8.997	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	95235	17.118	ug/L	98
42) Toluene	7.967	91	146875	9.591	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	47566	8.705	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051463.D
 Acq On : 20 Oct 2022 10:22
 Operator : JC/MD
 Sample : VSTD01044
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

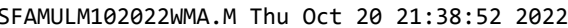
Quant Time: Oct 20 21:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:37:38 2022
 Response via : Initial Calibration

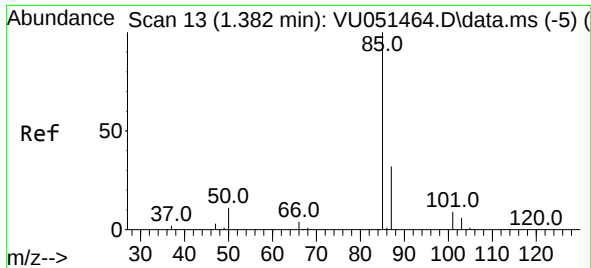
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	42230	10.191	ug/L	98
46) Tetrachloroethene	8.552	164	26939	9.616	ug/L	95
48) 2-Hexanone	8.684	43	82016	16.383	ug/L	98
49) Dibromochloromethane	8.806	129	41400	9.552	ug/L	100
50) 1,2-Dibromoethane	8.922	107	41468	9.309	ug/L	100
51) Chlorobenzene	9.446	112	101221	9.832	ug/L	99
52) Ethylbenzene	9.568	91	139581	8.711	ug/L	100
53) m,p-Xylene	9.693	106	51258	8.396	ug/L	94
54) o-Xylene	10.098	106	51448	8.452	ug/L	99
55) Styrene	10.111	104	86301	8.194	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	78827	10.659	ug/L	99
59) Bromoform	10.288	173	31771	9.882	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	61798	10.683	ug/L	99
61) Isopropylbenzene	10.481	105	125809	8.812	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96464	8.304	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	91275	7.734	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	69852	9.426	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	72724	9.862	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	73947	9.932	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	15437	9.393	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	43947	8.875	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	31895	7.947	ug/L	97
71) Naphthalene	14.085	128	86201	6.088	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	33825	7.538	ug/L	96

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

Quant Time: Oct 20 21:38:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:37:38 2022
Response via : Initial Calibration

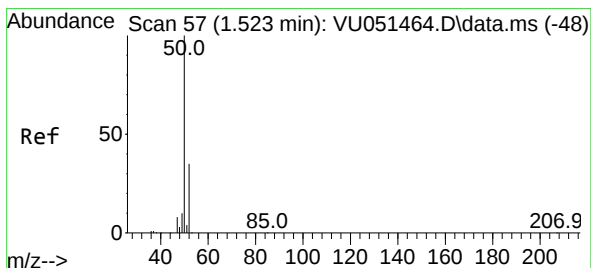
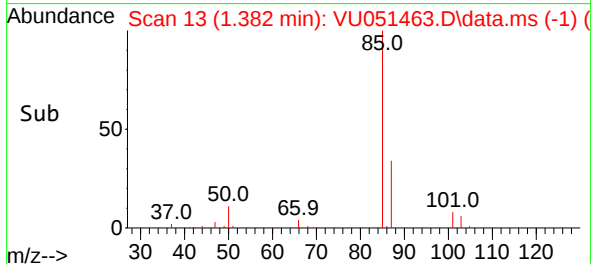
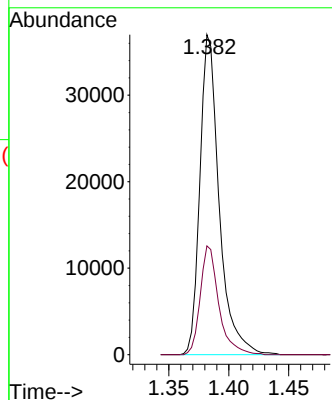
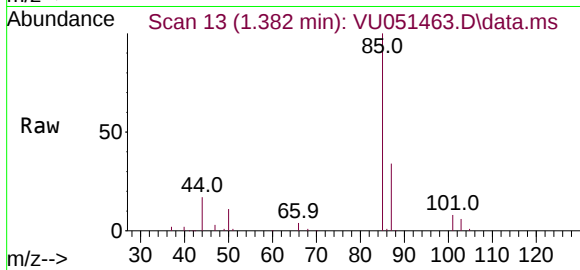




#2
Dichlorodifluoromethane
Concen: 11.080 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

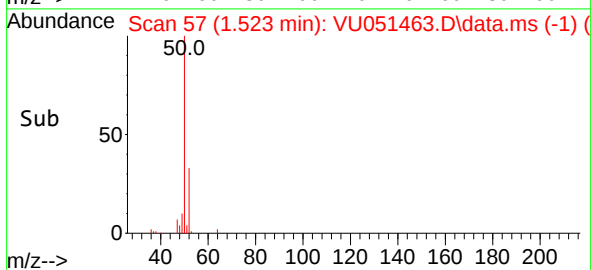
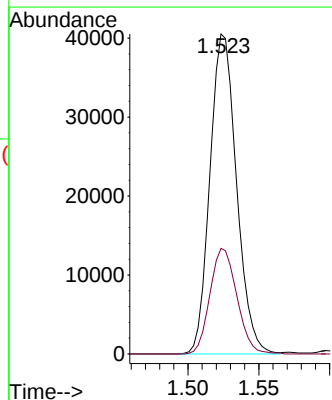
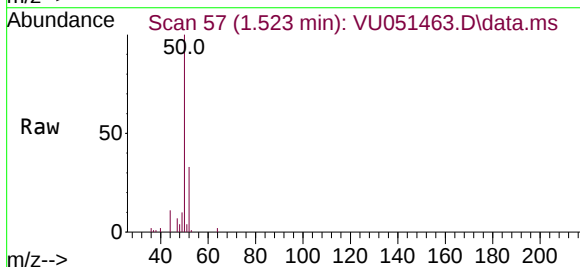
Instrument :
MSVOA_U
ClientSampleId :

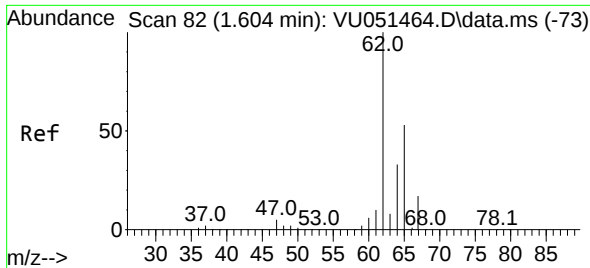
Tgt Ion: 85 Resp: 41486
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5



#3
Chloromethane
Concen: 11.868 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion: 50 Resp: 52900
Ion Ratio Lower Upper
50 100
52 33.0 24.1 44.8

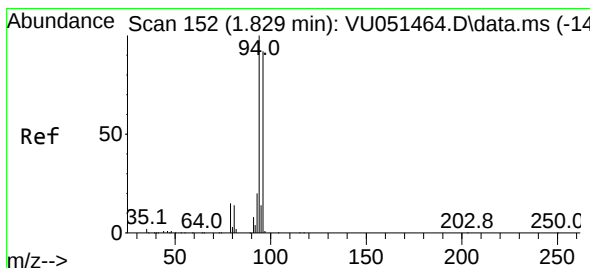
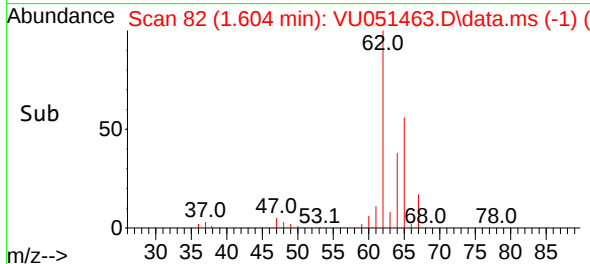
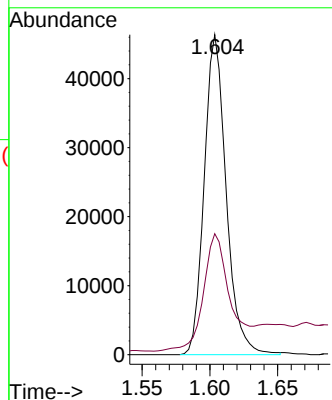
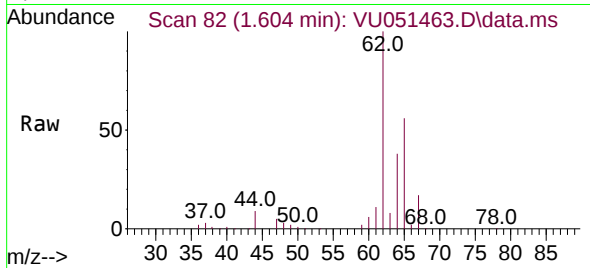




#5
 Vinyl chloride
 Concen: 11.081 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

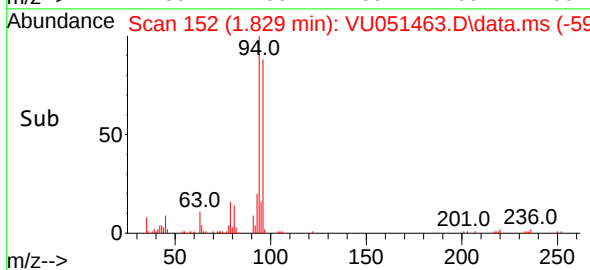
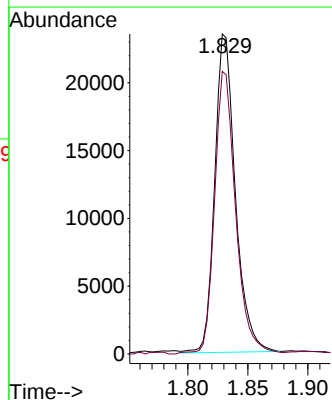
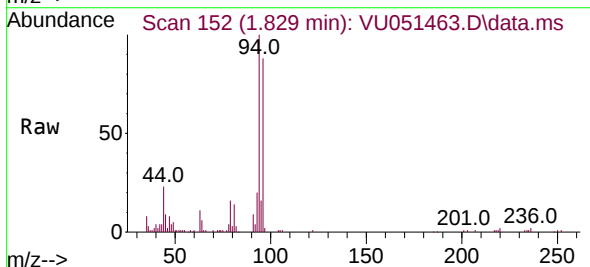
Instrument :
 MSVOA_U
 ClientSampleId :

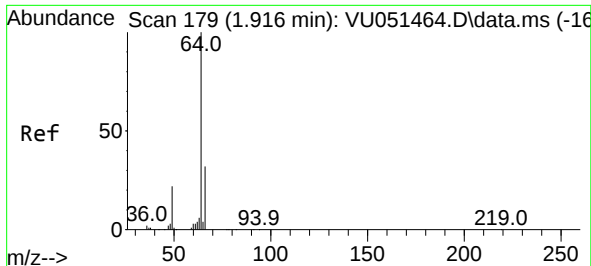
Tgt Ion: 62 Resp: 52228
 Ion Ratio Lower Upper
 62 100
 64 37.8 23.2 43.2



#6
 Bromomethane
 Concen: 7.760 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

Tgt Ion: 94 Resp: 28085
 Ion Ratio Lower Upper
 94 100
 96 88.3 64.5 119.9

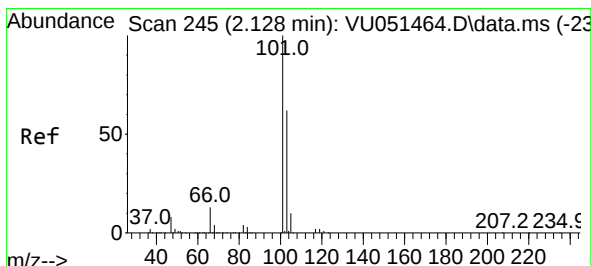
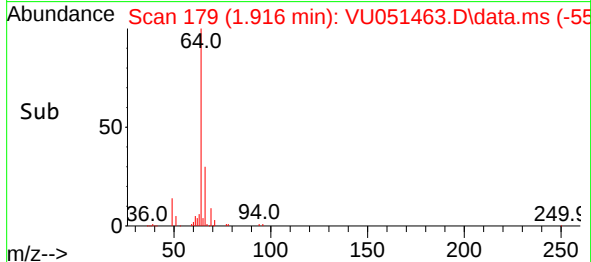
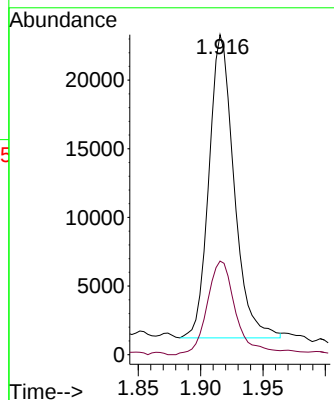
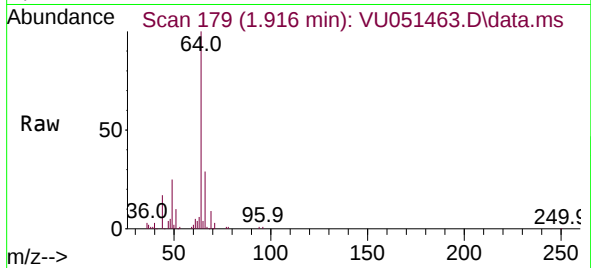




#8
Chloroethane
Concen: 9.087 ug/L
RT: 1.916 min Scan# 179
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

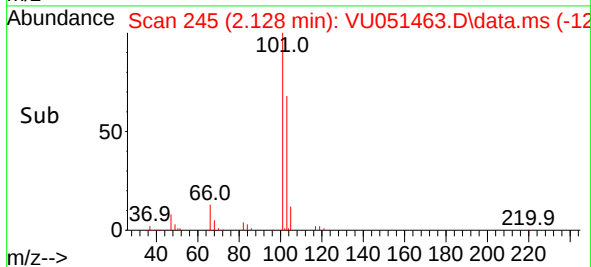
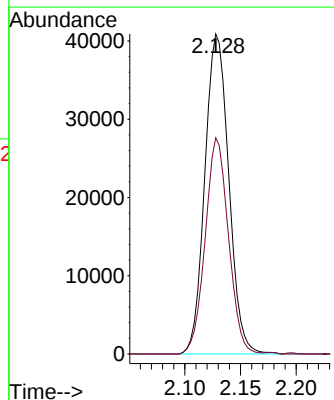
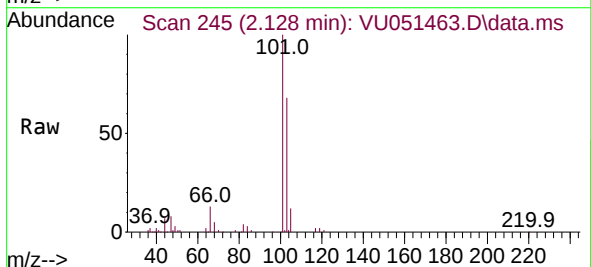
Instrument :
MSVOA_U
ClientSampleId :

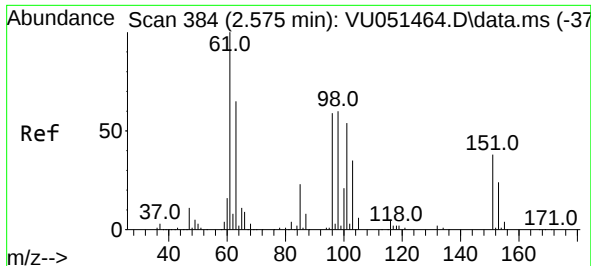
Tgt Ion: 64 Resp: 30928
Ion Ratio Lower Upper
64 100
66 29.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 9.885 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion:101 Resp: 61160
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.4

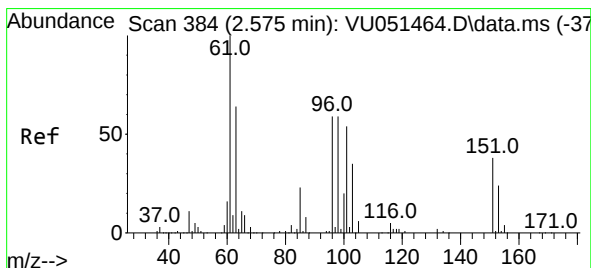
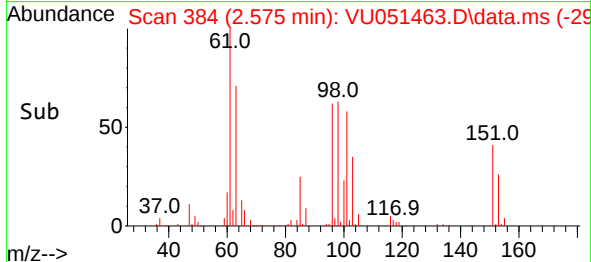
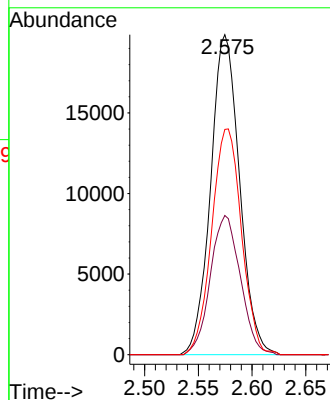
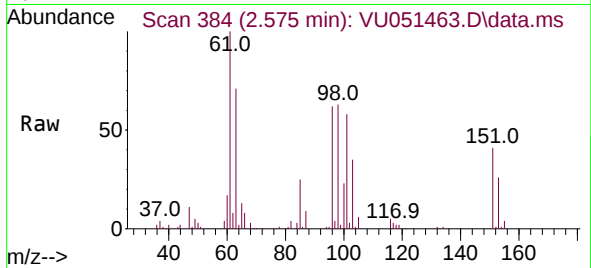




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.945 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

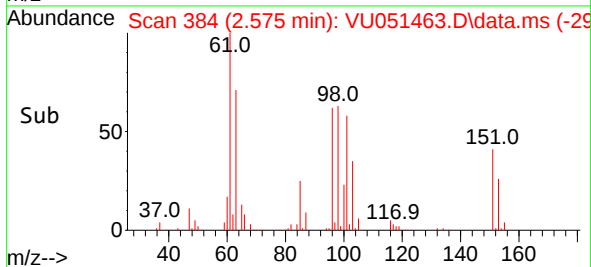
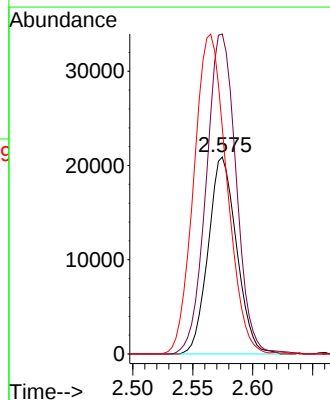
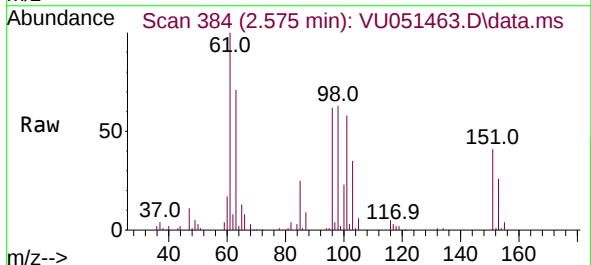
Instrument :
 MSVOA_U
 ClientSampleId :

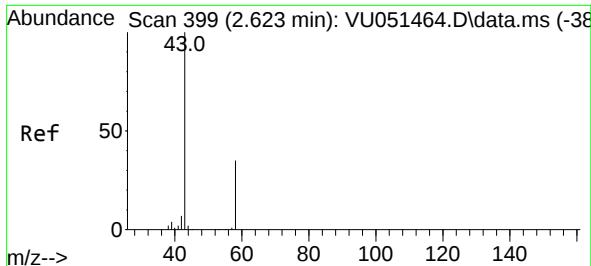
Tgt Ion:101 Resp: 37168
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.2 52.8
 151 72.4 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 10.768 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

Tgt Ion: 96 Resp: 34358
 Ion Ratio Lower Upper
 96 100
 61 162.5 119.0 221.0
 63 115.0 78.5 145.7





#13

Acetone

Concen: 22.671 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

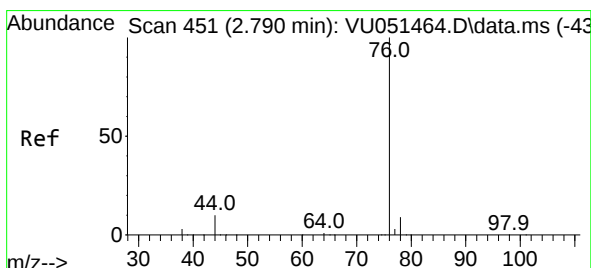
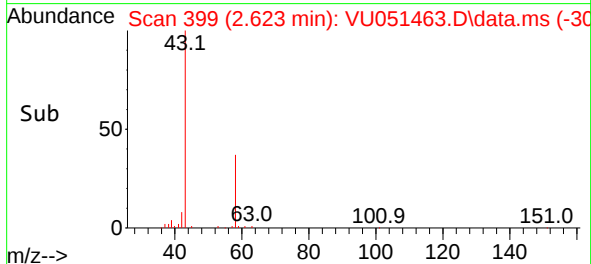
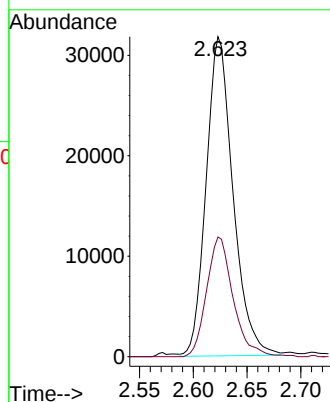
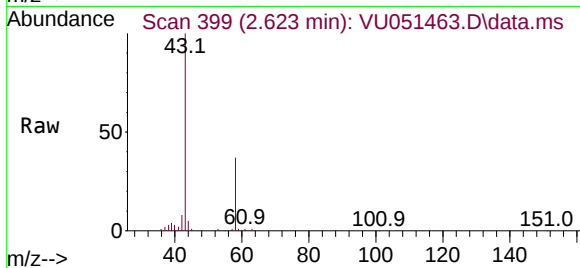
ClientSampleId :

Tgt Ion: 43 Resp: 55191

Ion Ratio Lower Upper

43 100

58 37.0 0.0 70.2



#14

Carbon disulfide

Concen: 11.719 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051463.D

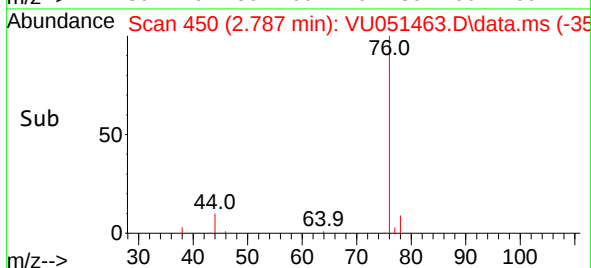
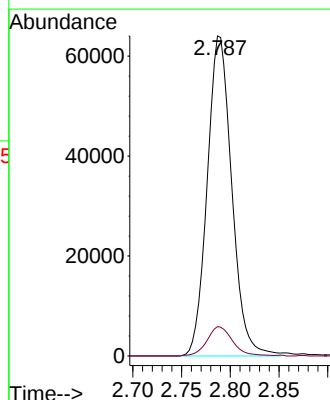
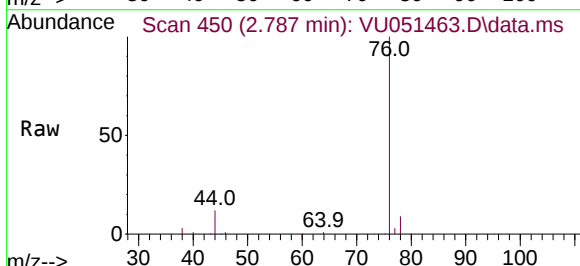
Acq: 20 Oct 2022 10:22

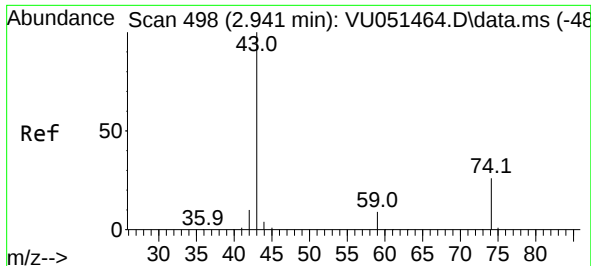
Tgt Ion: 76 Resp: 112489

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

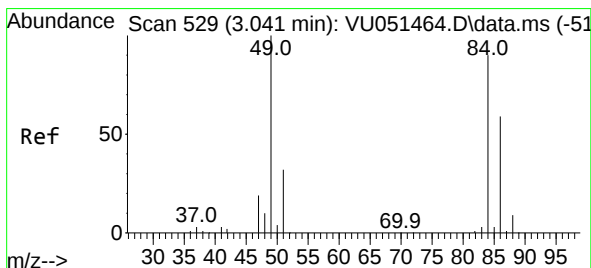
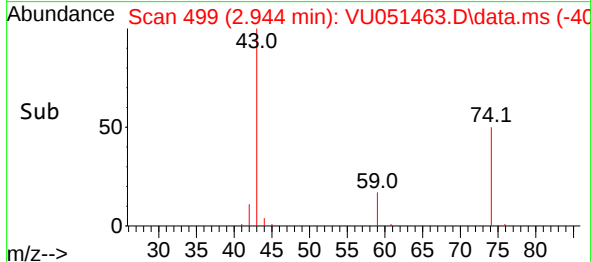
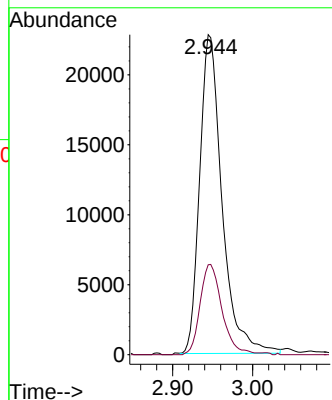
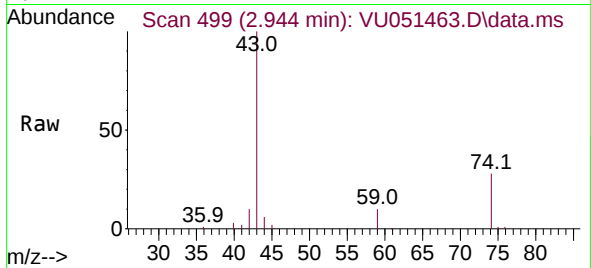




#15
Methyl Acetate
Concen: 10.422 ug/L
RT: 2.944 min Scan# 498
Delta R.T. 0.003 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

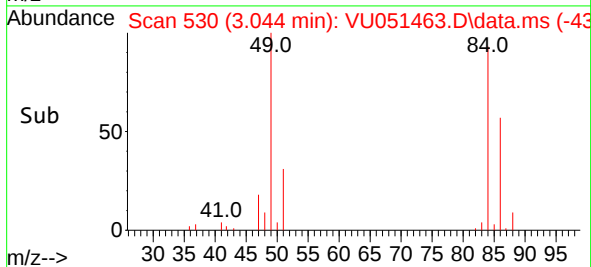
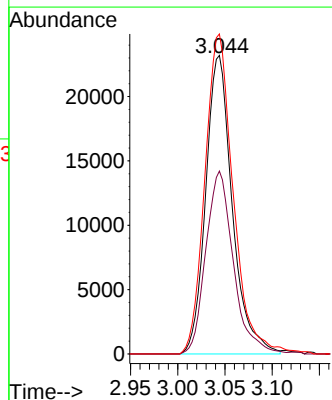
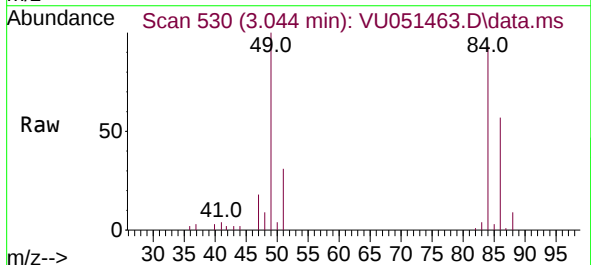
Instrument :
MSVOA_U
ClientSampleId :

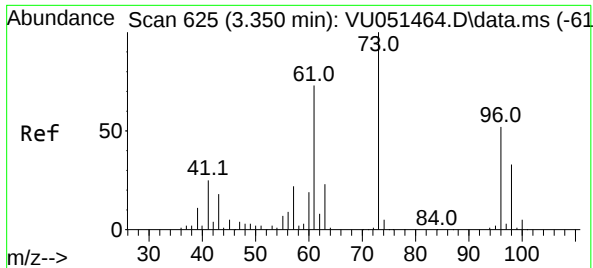
Tgt Ion: 43 Resp: 44366
Ion Ratio Lower Upper
43 100
74 27.7 21.1 31.7



#16
Methylene chloride
Concen: 9.991 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion: 84 Resp: 45452
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.2
49 107.2 78.1 145.1





#17

trans-1,2-Dichloroethene

Concen: 10.131 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

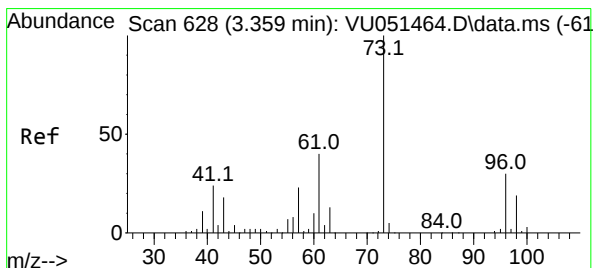
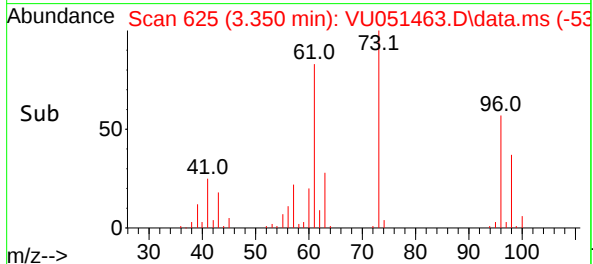
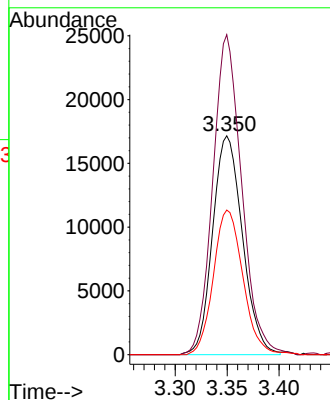
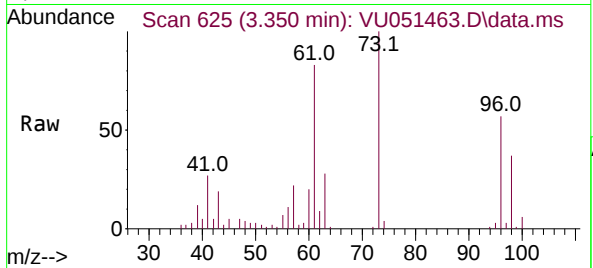
Tgt Ion: 96 Resp: 34262

Ion Ratio Lower Upper

96 100

61 146.2 98.1 182.1

98 66.1 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 9.115 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

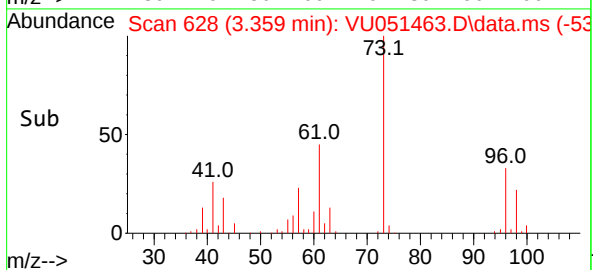
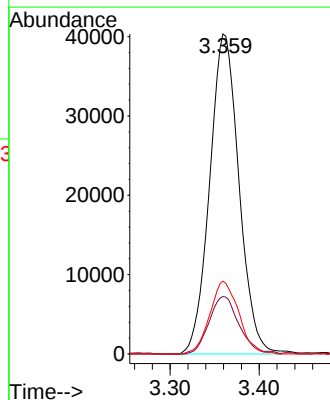
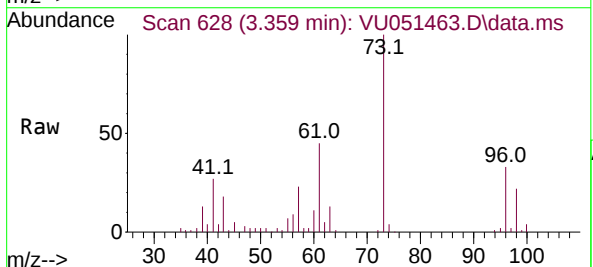
Tgt Ion: 73 Resp: 92099

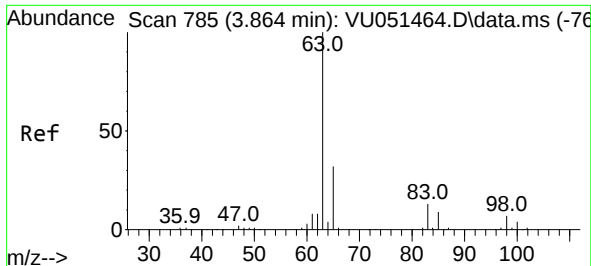
Ion Ratio Lower Upper

73 100

43 18.2 13.9 20.9

57 22.2 17.7 26.5

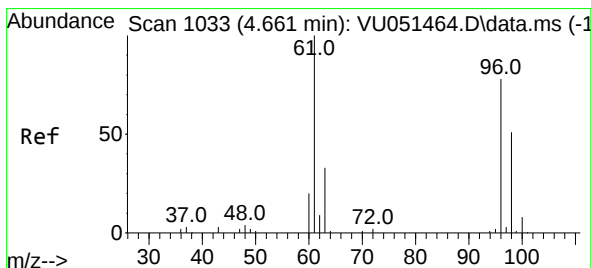
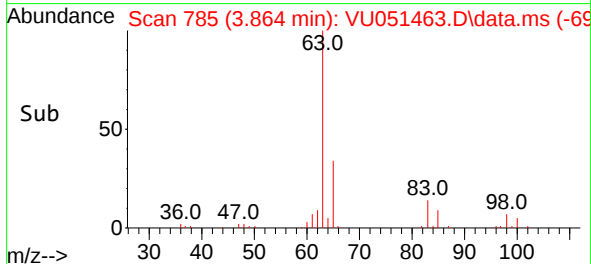
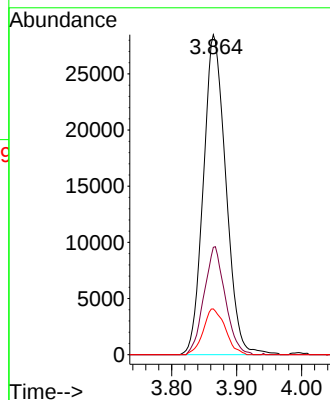
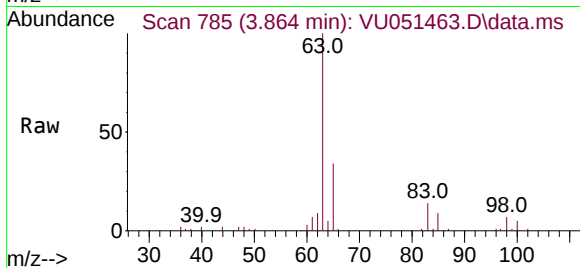




#19
1,1-Dichloroethane
Concen: 10.704 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

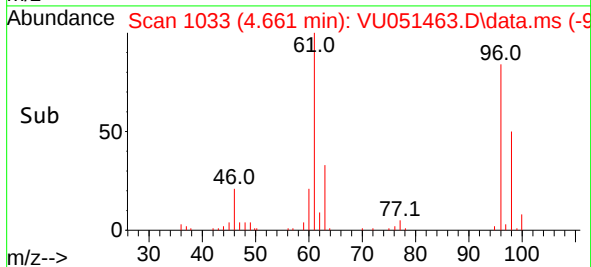
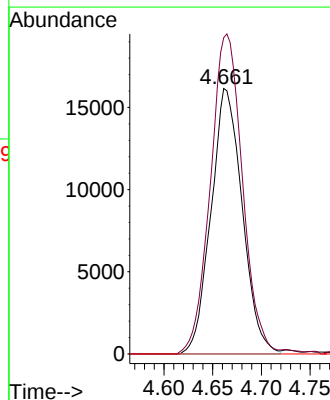
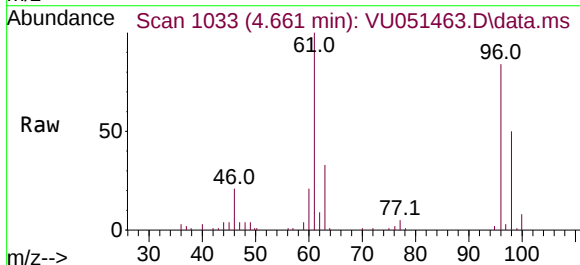
Instrument :
MSVOA_U
ClientSampleId :

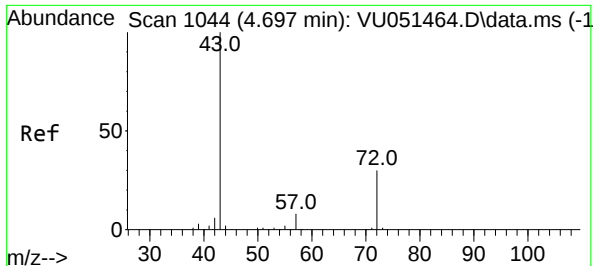
Tgt Ion:	63	Resp:	68684
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.1	41.1
83	14.3	9.4	17.4



#20
cis-1,2-Dichloroethene
Concen: 9.628 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion:	96	Resp:	36006
Ion	Ratio	Lower	Upper
96	100		
61	119.1	89.7	166.7
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 19.271 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

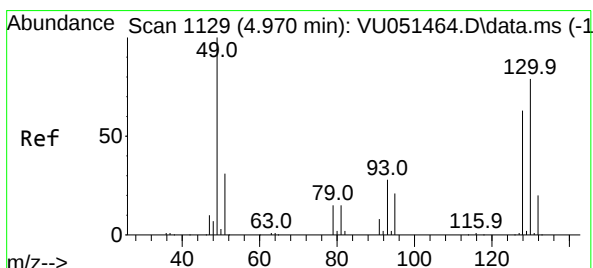
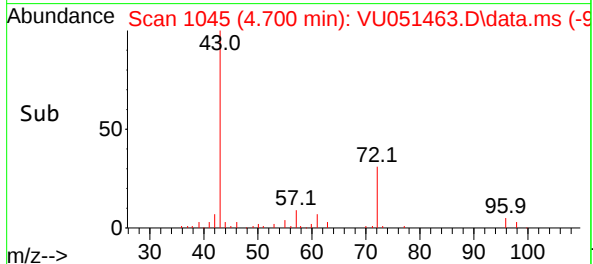
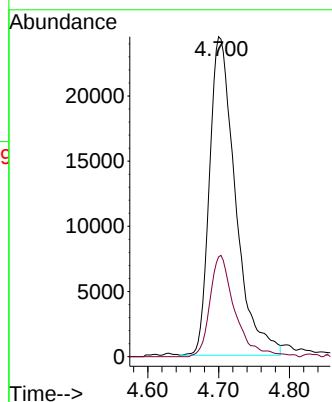
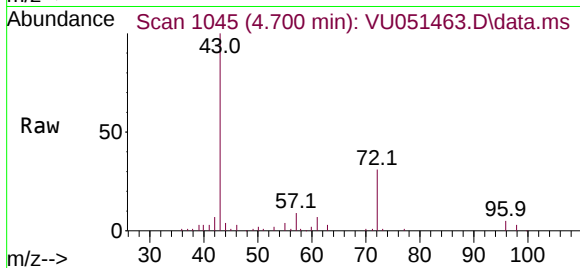
ClientSampleId :

Tgt Ion: 43 Resp: 62247

Ion Ratio Lower Upper

43 100

72 28.6 15.2 45.6



#23

Bromochloromethane

Concen: 10.493 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Tgt Ion:128 Resp: 21497

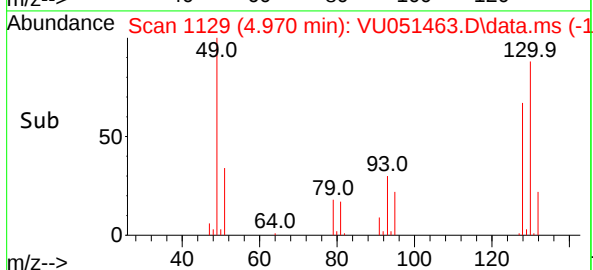
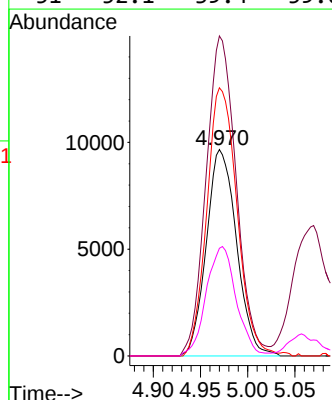
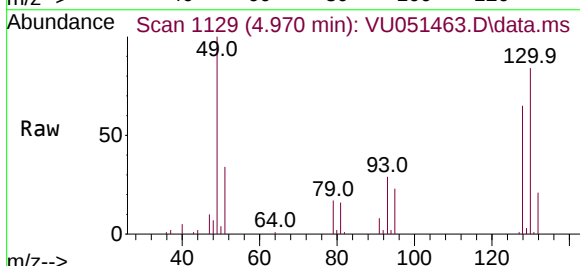
Ion Ratio Lower Upper

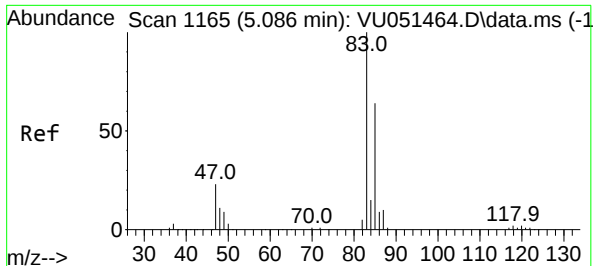
128 100

49 155.0 111.9 207.9

130 129.9 88.2 163.8

51 52.1 39.4 59.0





#25

Chloroform

Concen: 10.530 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

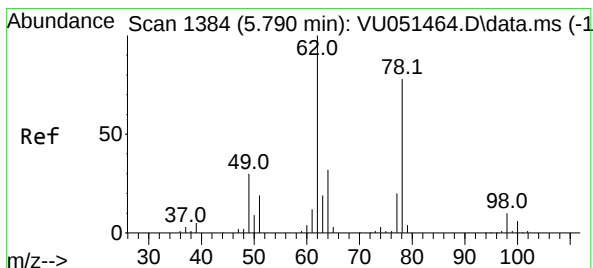
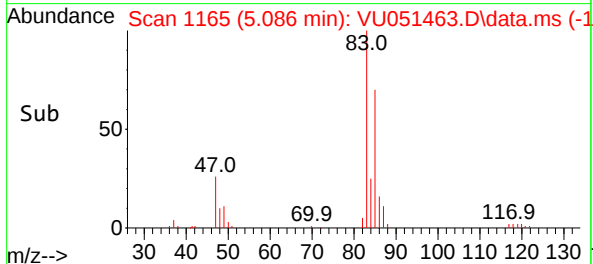
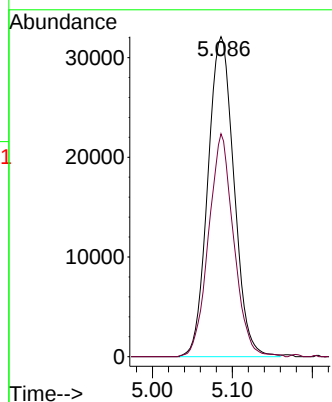
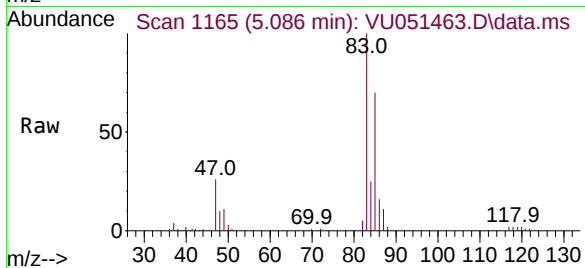
ClientSampleId :

Tgt Ion: 83 Resp: 72838

Ion Ratio Lower Upper

83 100

85 69.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 10.558 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU051463.D

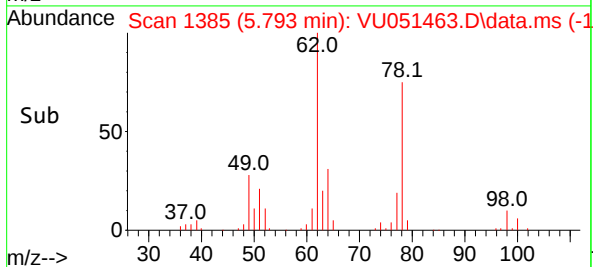
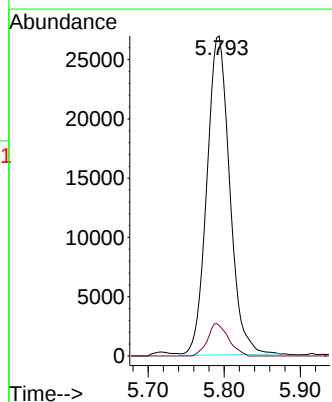
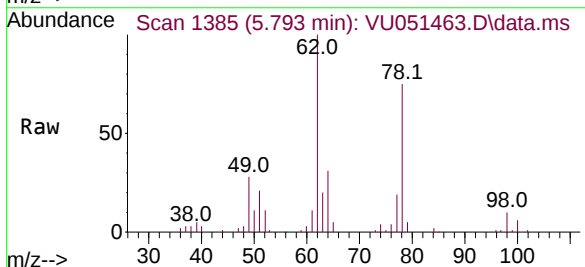
Acq: 20 Oct 2022 10:22

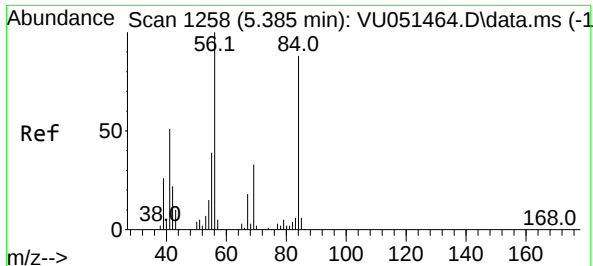
Tgt Ion: 62 Resp: 56159

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 9.251 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

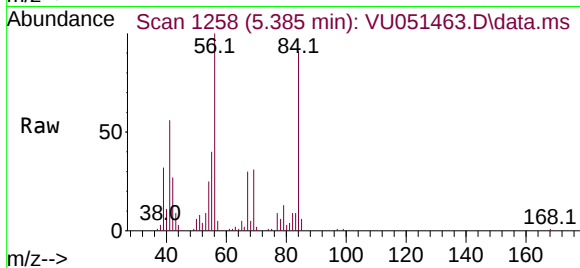
Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :



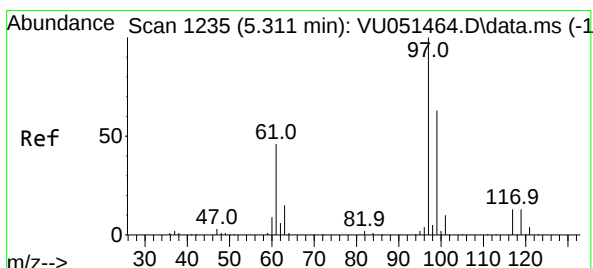
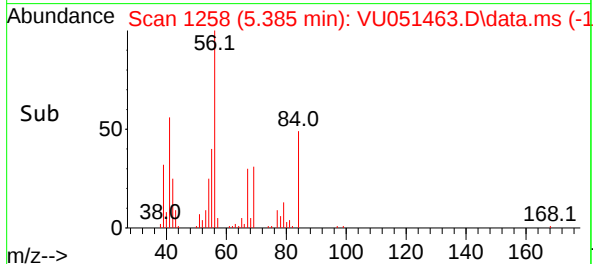
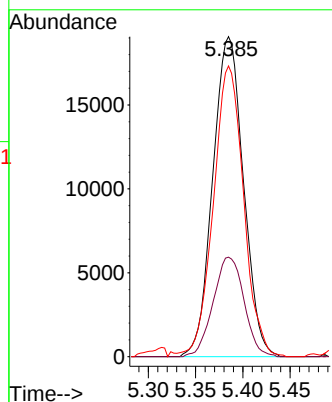
Tgt Ion: 56 Resp: 43056

Ion Ratio Lower Upper

56 100

69 31.3 25.5 38.3

84 89.5 69.8 104.6



#30

1,1,1-Trichloroethane

Concen: 10.440 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

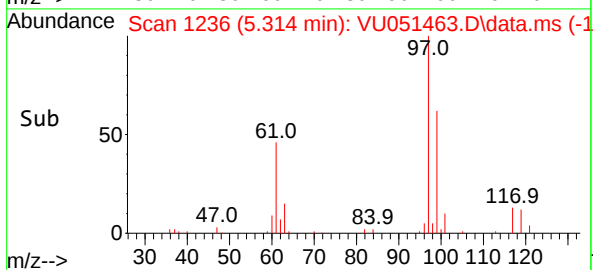
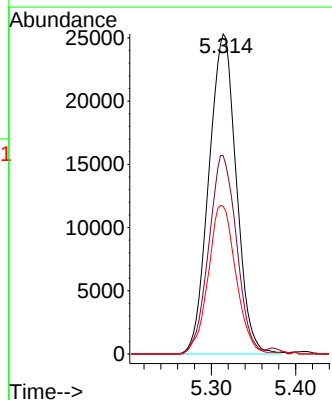
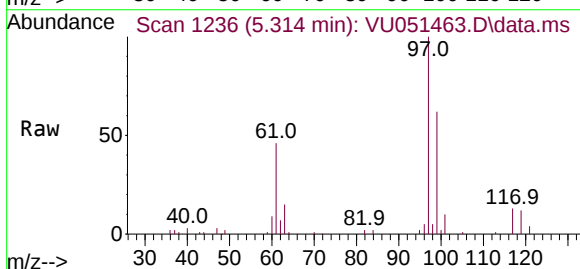
Tgt Ion: 97 Resp: 57221

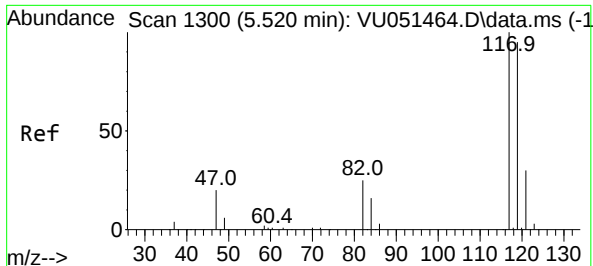
Ion Ratio Lower Upper

97 100

99 62.8 50.7 76.1

61 46.8 36.7 55.1

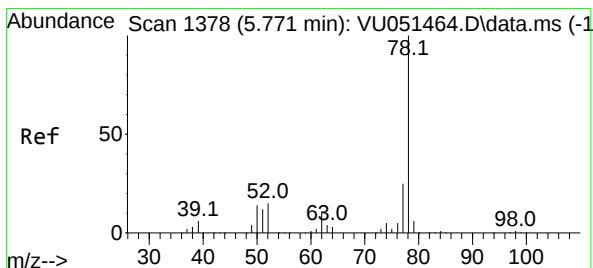
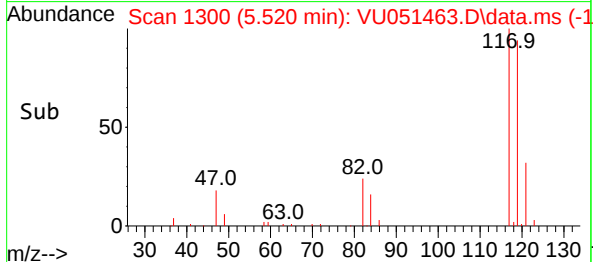
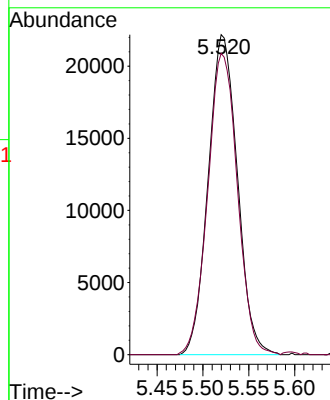
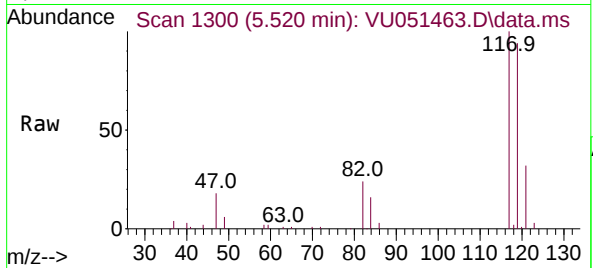




#31
Carbon tetrachloride
Concen: 10.920 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

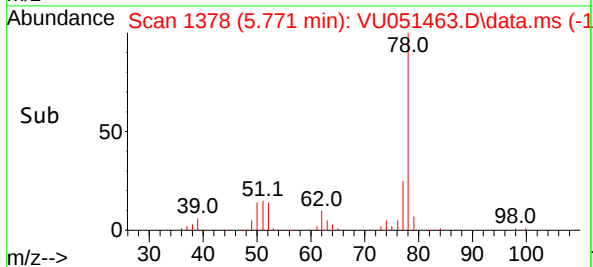
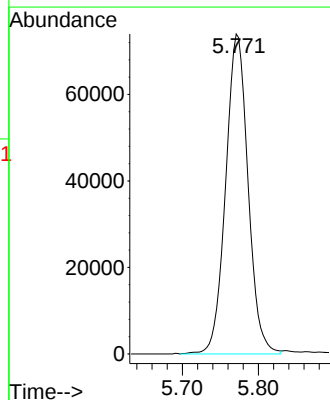
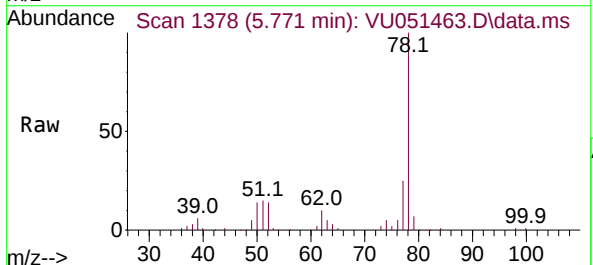
Instrument :
MSVOA_U
ClientSampleId :

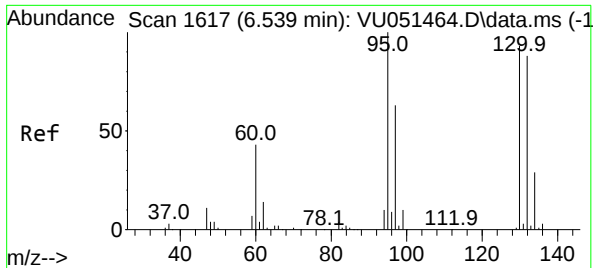
Tgt Ion:117 Resp: 49066
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6



#33
Benzene
Concen: 10.511 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion: 78 Resp: 151278



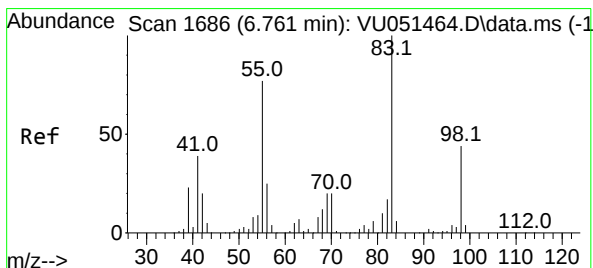
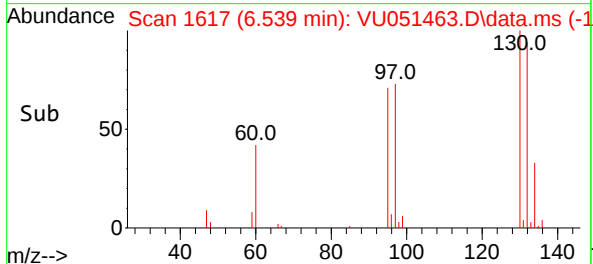
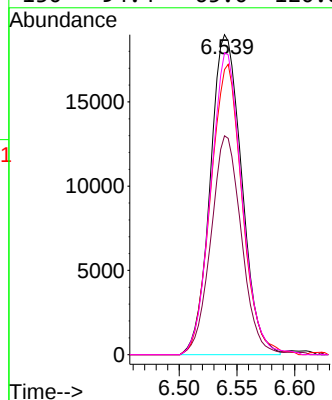
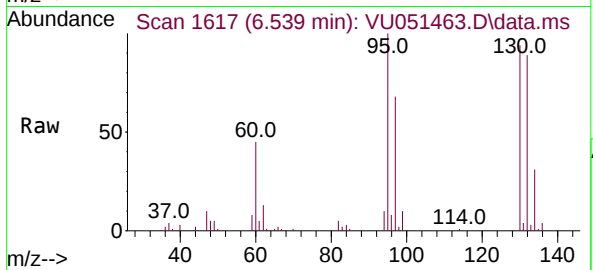


#34
Trichloroethene
Concen: 9.783 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 35915

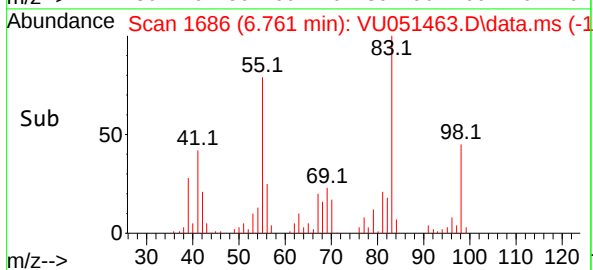
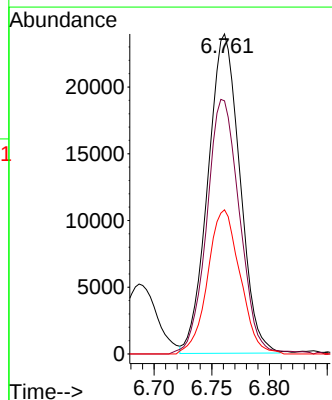
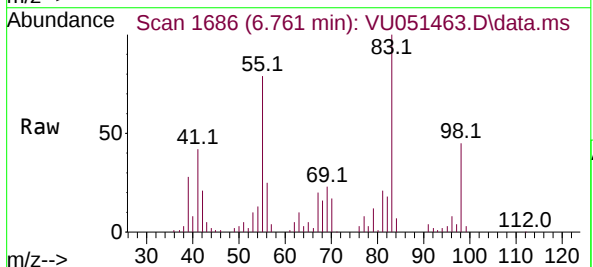
Ion	Ratio	Lower	Upper
95	100		
97	68.4	43.8	81.4
132	89.1	61.9	114.9
130	94.4	65.0	120.8

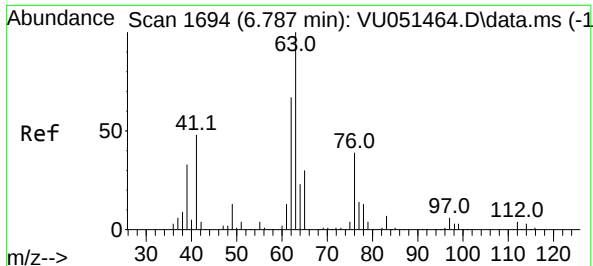


#35
Methylcyclohexane
Concen: 9.051 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion: 83 Resp: 46122

Ion	Ratio	Lower	Upper
83	100		
55	81.5	62.6	93.8
98	45.7	36.2	54.4





#37

1,2-Dichloropropane

Concen: 10.864 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

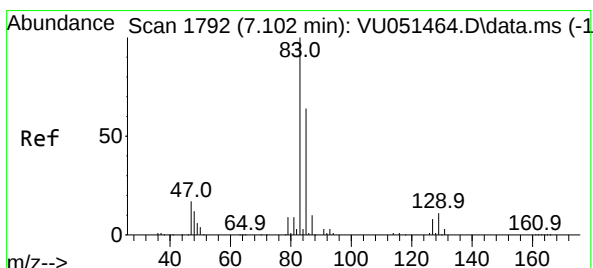
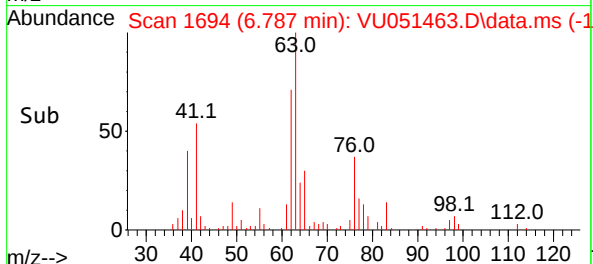
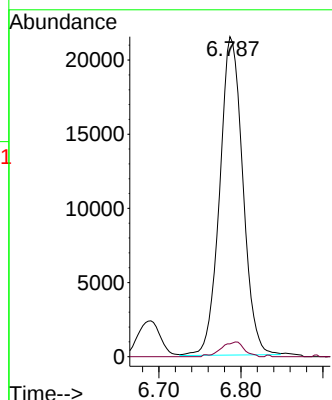
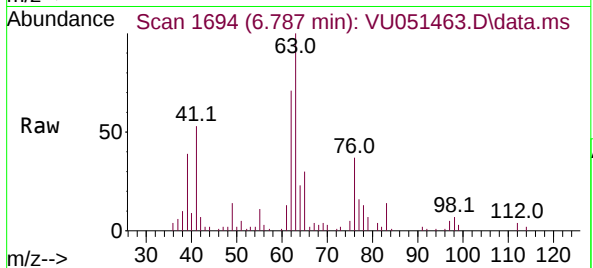
ClientSampleId :

Tgt Ion: 63 Resp: 42150

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 10.468 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

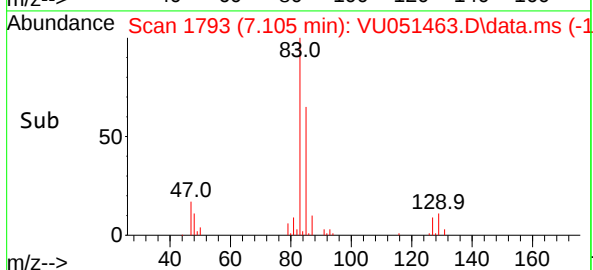
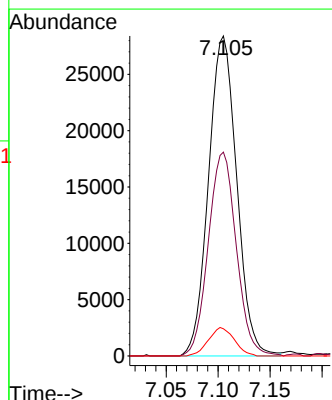
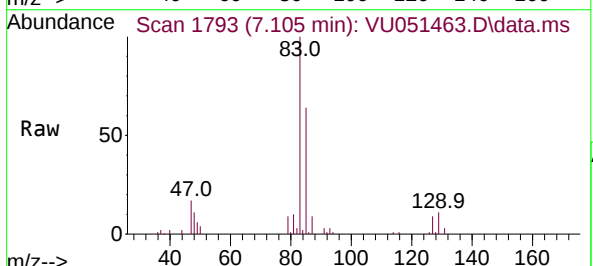
Tgt Ion: 83 Resp: 53726

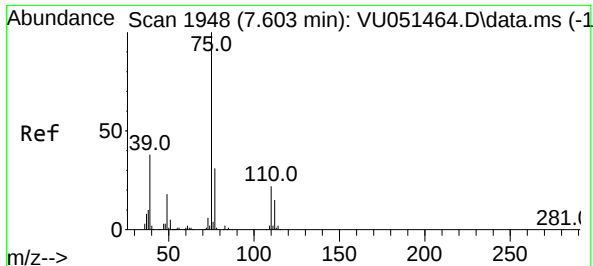
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.5

127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 8.997 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

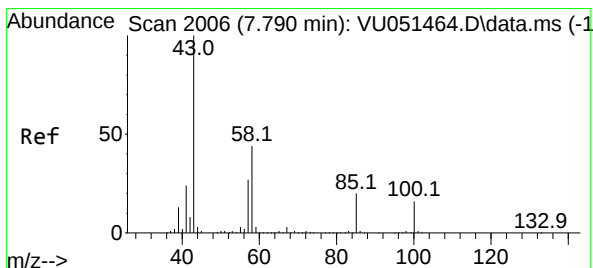
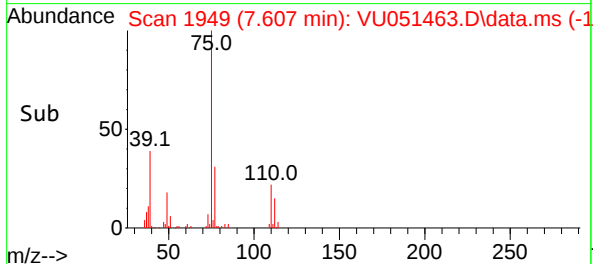
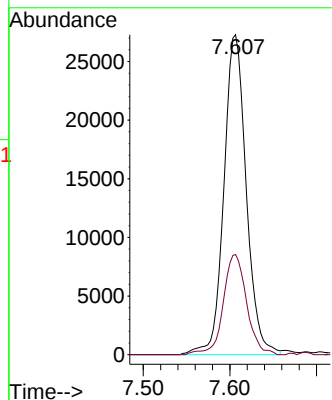
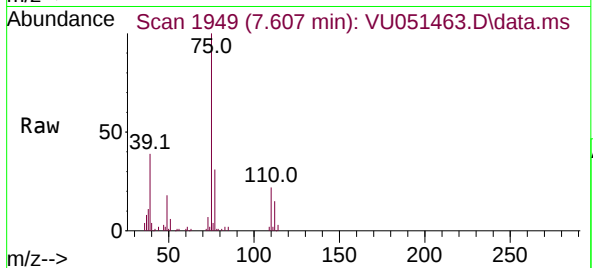
ClientSampleId :

Tgt Ion: 75 Resp: 48942

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 17.118 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

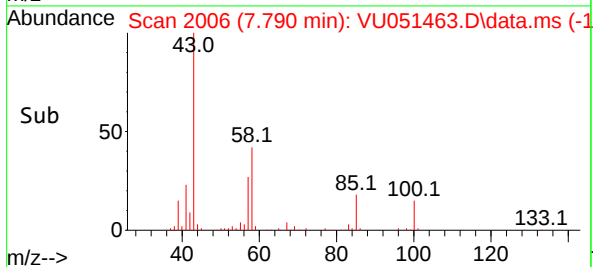
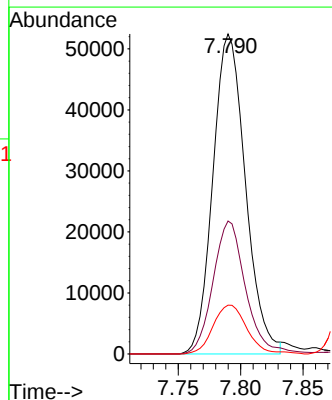
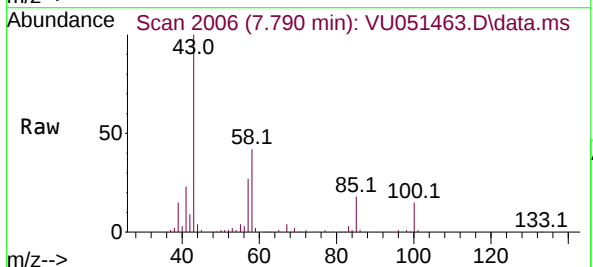
Tgt Ion: 43 Resp: 95235

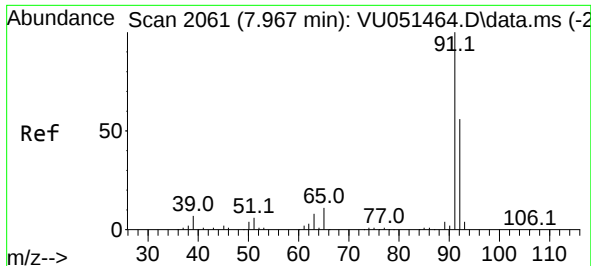
Ion Ratio Lower Upper

43 100

58 41.6 34.4 51.6

100 15.9 12.9 19.3





#42

Toluene

Concen: 9.591 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

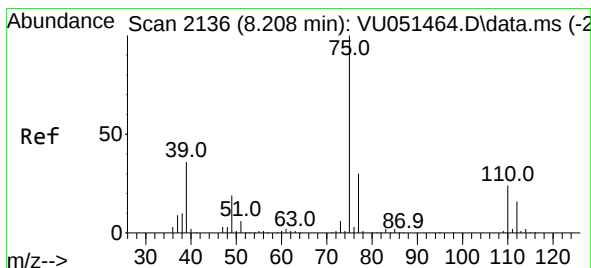
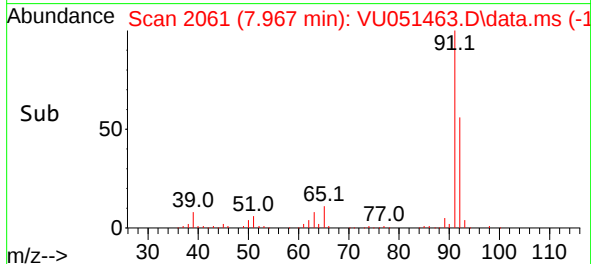
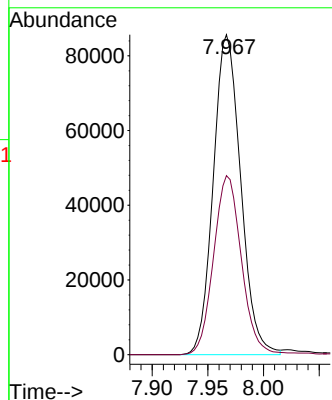
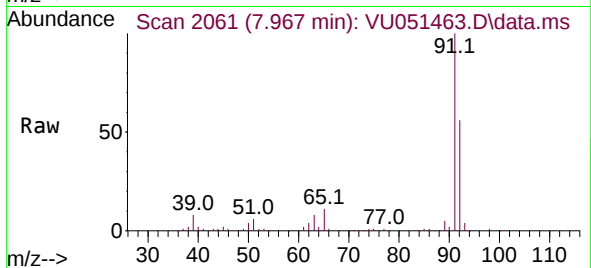
ClientSampleId :

Tgt Ion: 91 Resp: 146875

Ion Ratio Lower Upper

91 100

92 55.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 8.705 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051463.D

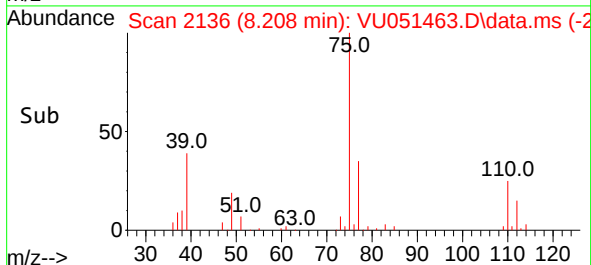
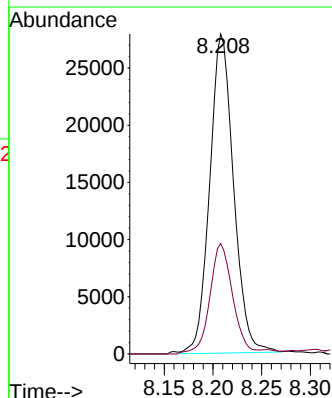
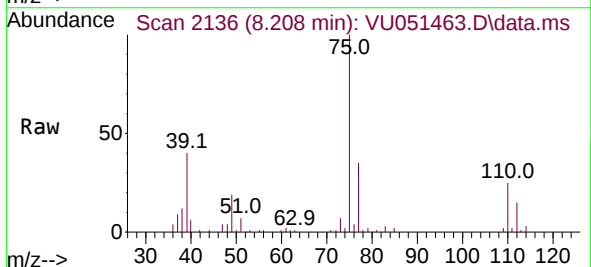
Acq: 20 Oct 2022 10:22

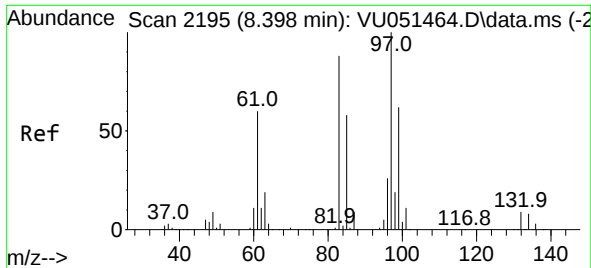
Tgt Ion: 75 Resp: 47566

Ion Ratio Lower Upper

75 100

77 34.5 21.3 39.5

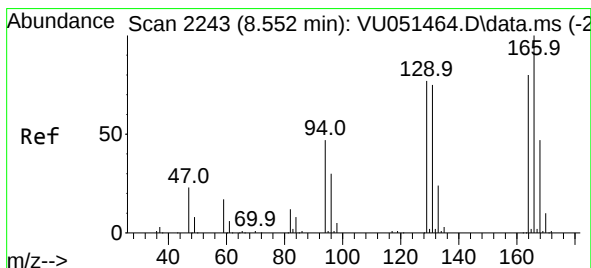
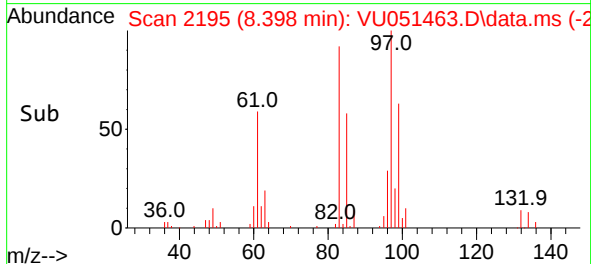
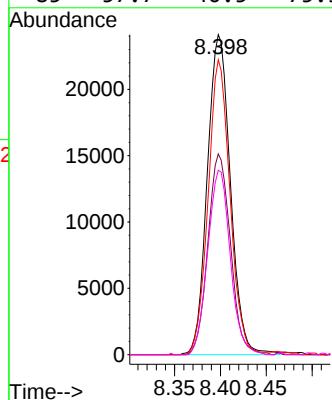
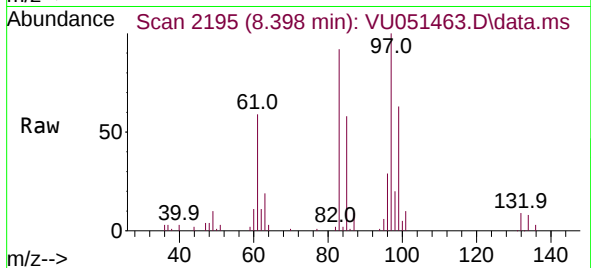




#45
1,1,2-Trichloroethane
Concen: 10.191 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

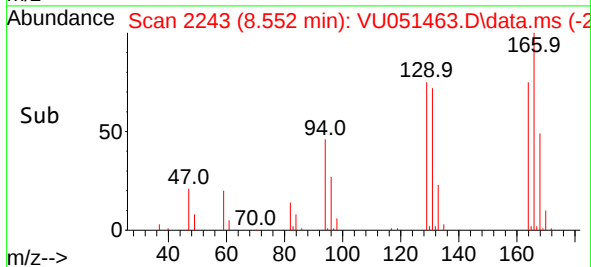
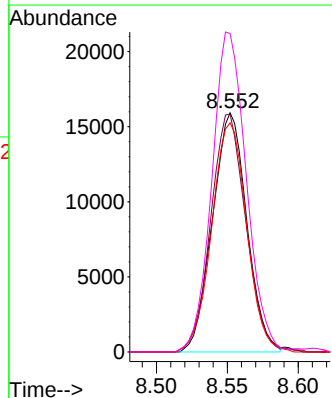
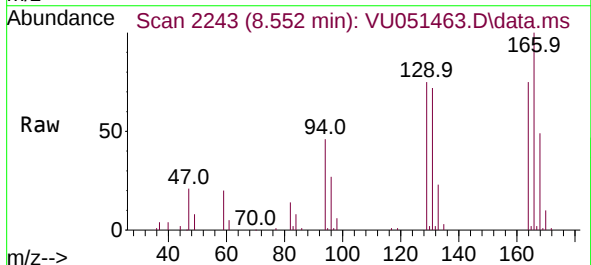
Instrument :
MSVOA_U
ClientSampleId :

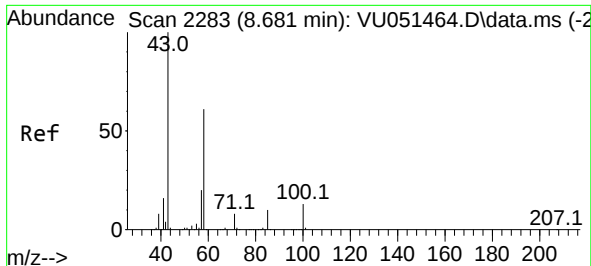
Tgt Ion:	97	Resp:	42230
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.6	81.0
83	92.1	61.8	114.8
85	57.7	40.5	75.3



#46
Tetrachloroethene
Concen: 9.616 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

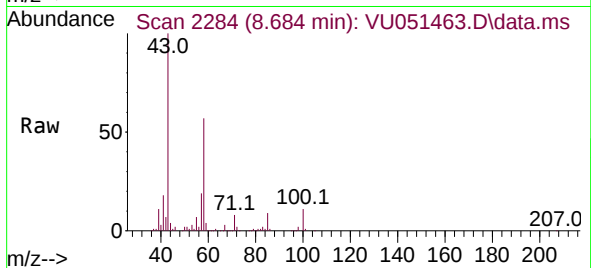
Tgt Ion:	164	Resp:	26939
Ion	Ratio	Lower	Upper
164	100		
129	99.5	67.3	124.9
131	95.7	65.2	121.0
166	133.1	87.0	161.6



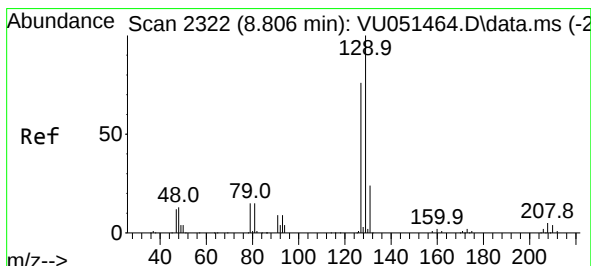
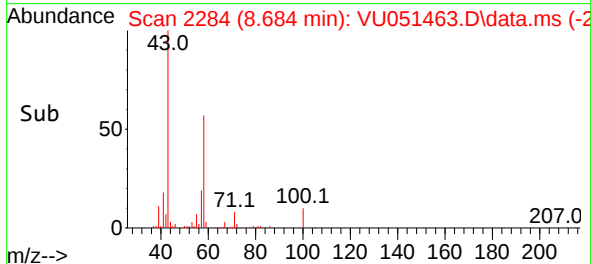
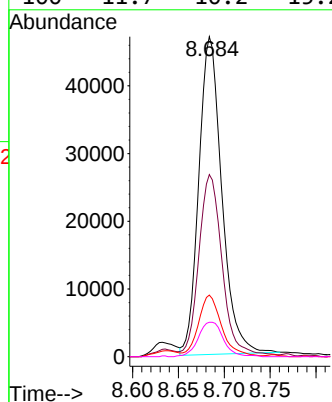


#48
2-Hexanone
Concen: 16.383 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Instrument :
MSVOA_U
ClientSampleId :

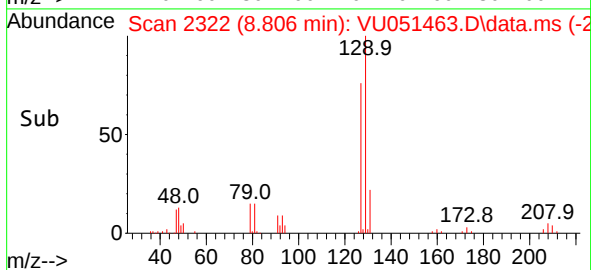
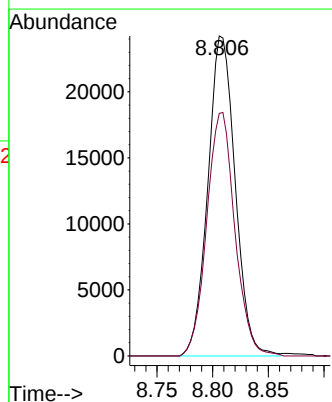
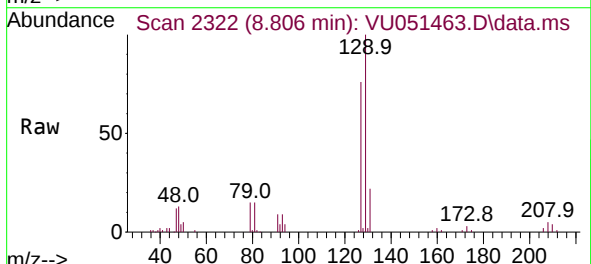


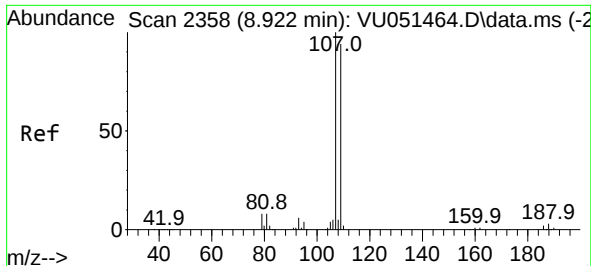
Tgt Ion: 43 Resp: 82016
Ion Ratio Lower Upper
43 100
58 58.7 48.2 72.4
57 19.7 16.4 24.6
100 11.7 10.2 15.2



#49
Dibromochloromethane
Concen: 9.552 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion: 129 Resp: 41400
Ion Ratio Lower Upper
129 100
127 75.8 53.1 98.5





#50

1,2-Dibromoethane

Concen: 9.309 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051463.D

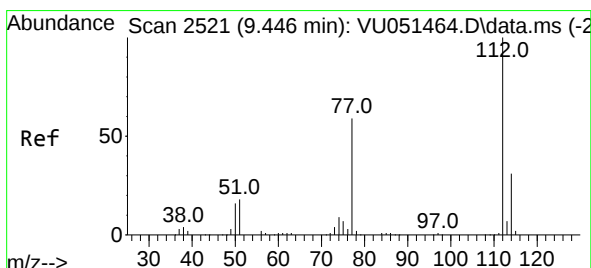
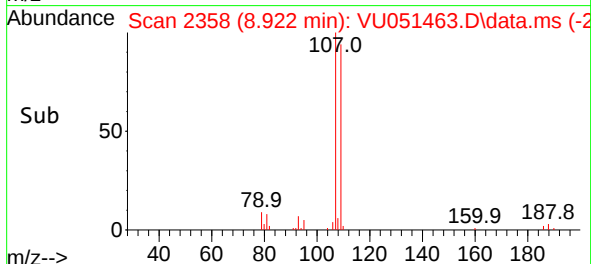
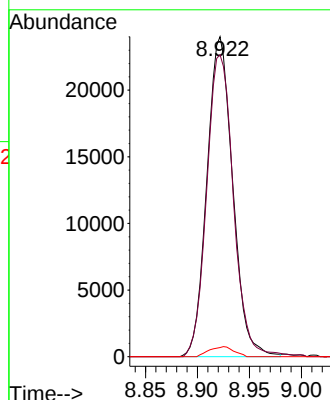
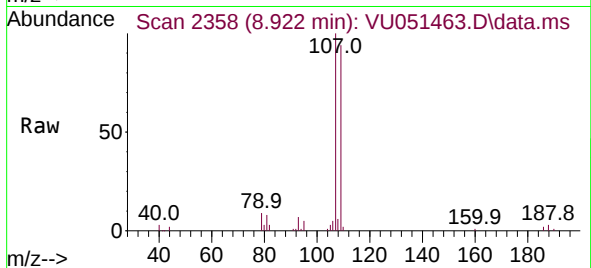
Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	41468
Ion	Ratio	Lower	Upper
107	100		
109	94.4	65.8	122.2
188	2.9	2.7	4.1



#51

Chlorobenzene

Concen: 9.832 ug/L

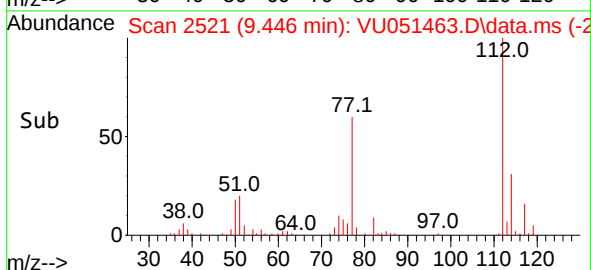
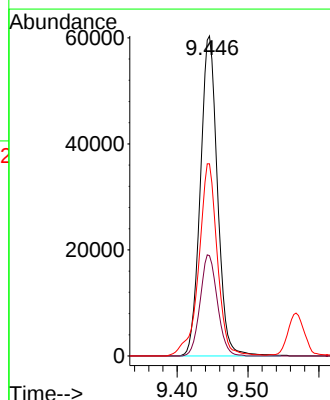
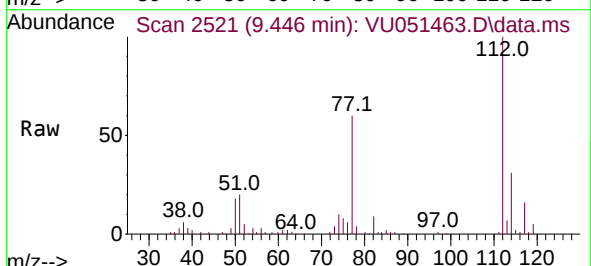
RT: 9.446 min Scan# 2521

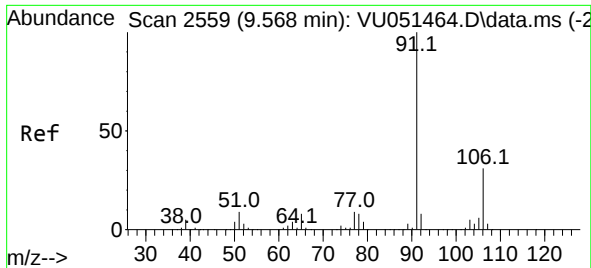
Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Tgt Ion:	112	Resp:	101221
Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.9	40.7
77	60.1	47.3	70.9

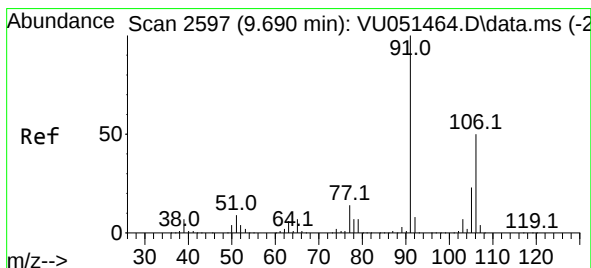
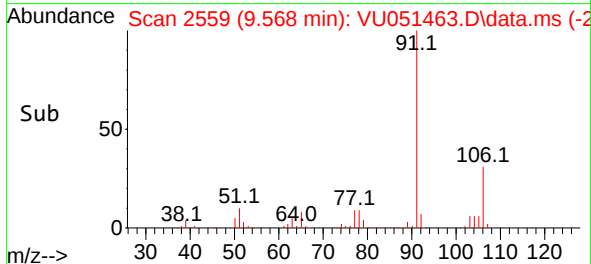
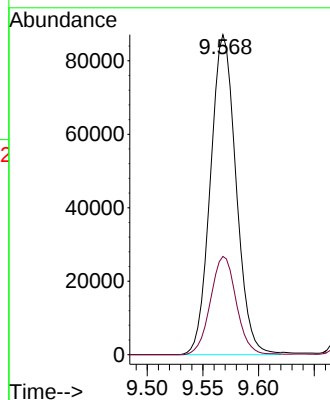
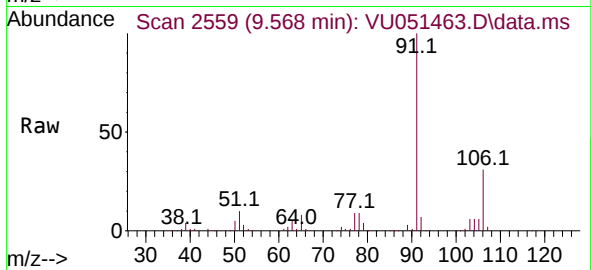




#52
Ethylbenzene
Concen: 8.711 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

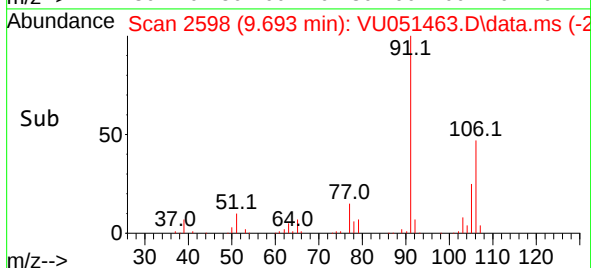
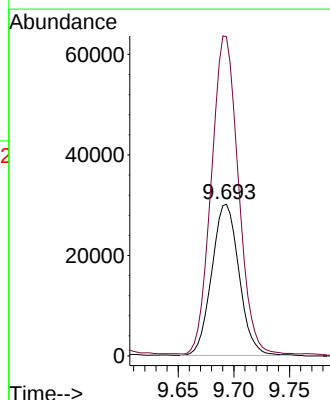
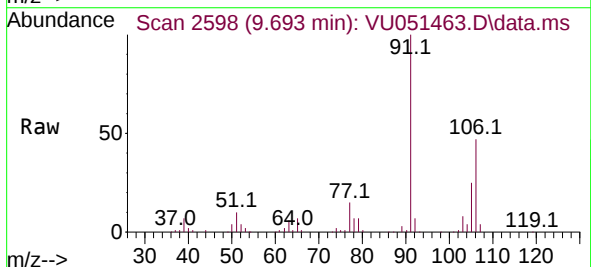
Instrument :
MSVOA_U
ClientSampleId :

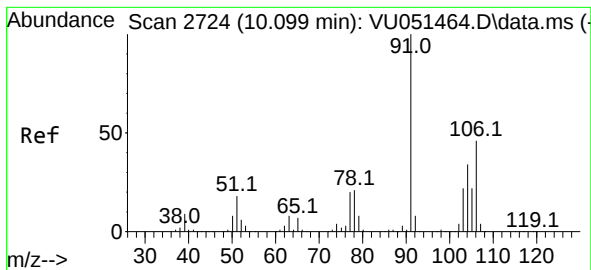
Tgt Ion: 91 Resp: 139581
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.6



#53
m,p-Xylene
Concen: 8.396 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion: 106 Resp: 51258
Ion Ratio Lower Upper
106 100
91 210.6 141.3 262.3





#54

o-Xylene

Concen: 8.452 ug/L

RT: 10.098 min Scan# 2724

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

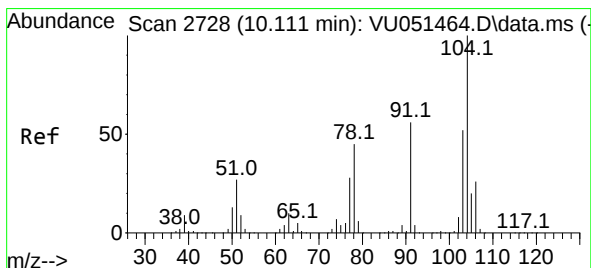
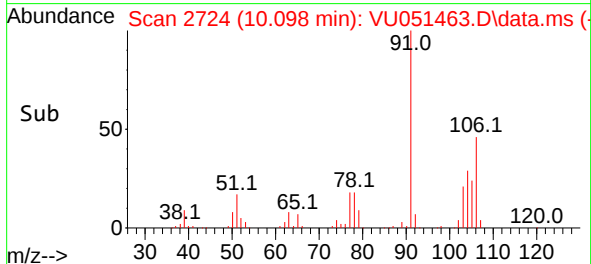
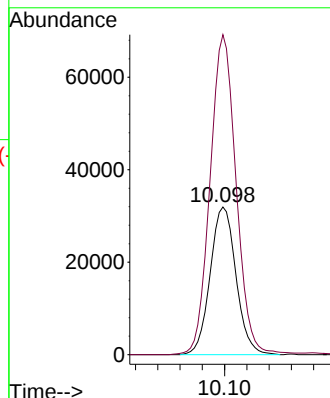
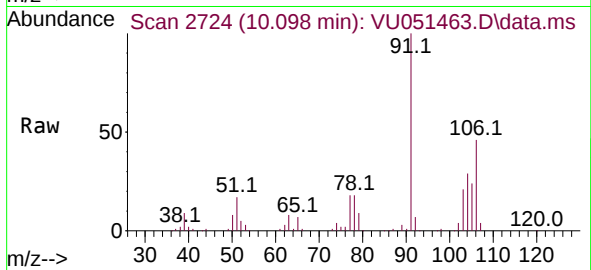
ClientSampleId :

Tgt Ion:106 Resp: 51448

Ion Ratio Lower Upper

106 100

91 216.6 153.2 284.4



#55

Styrene

Concen: 8.194 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU051463.D

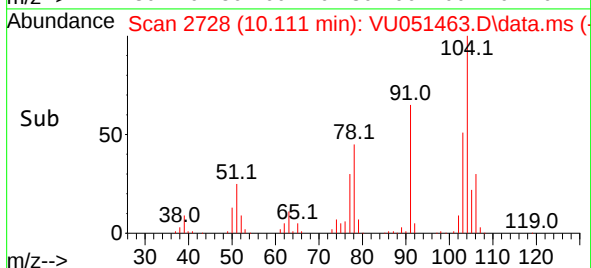
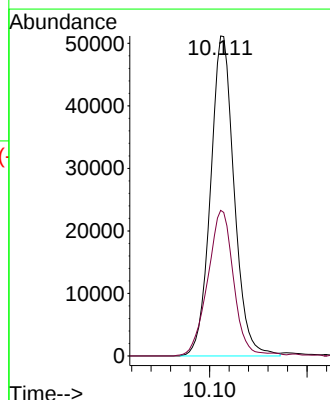
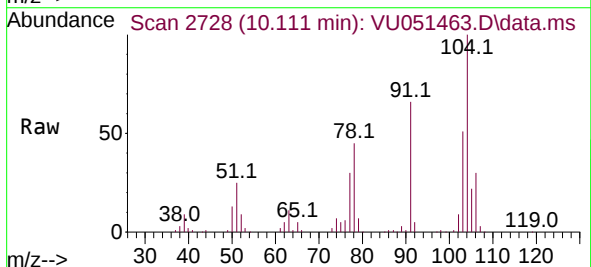
Acq: 20 Oct 2022 10:22

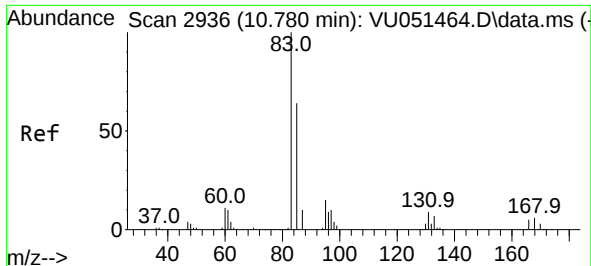
Tgt Ion:104 Resp: 86301

Ion Ratio Lower Upper

104 100

78 45.5 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 10.659 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051463.D

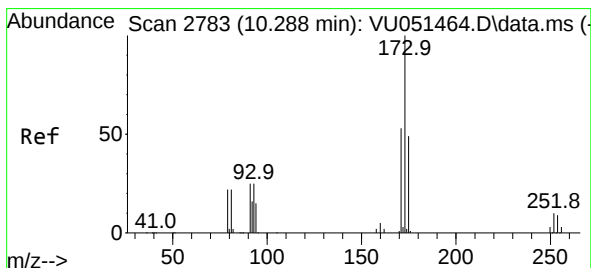
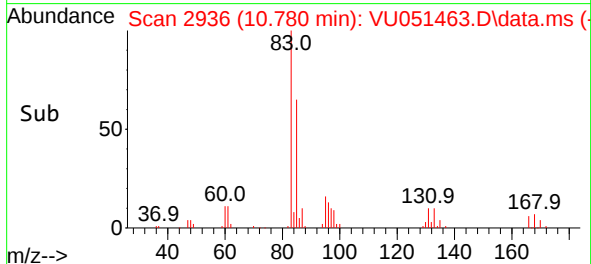
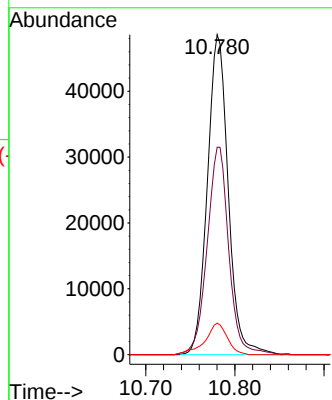
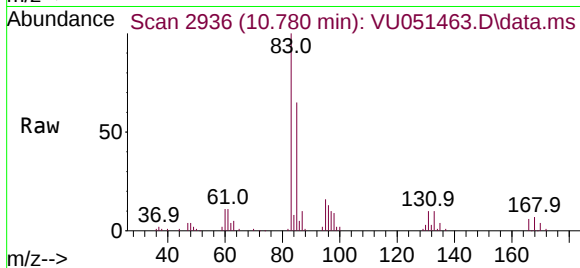
Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	78827
Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.9	83.5
131	9.9	7.4	11.2



#59

Bromoform

Concen: 9.882 ug/L

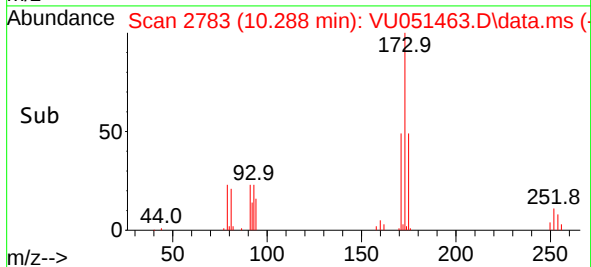
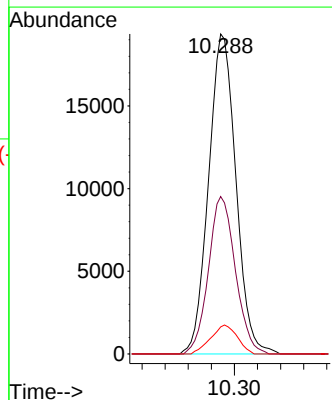
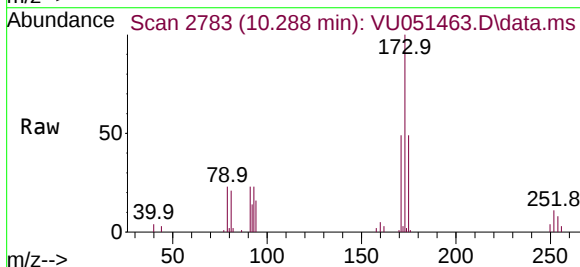
RT: 10.288 min Scan# 2783

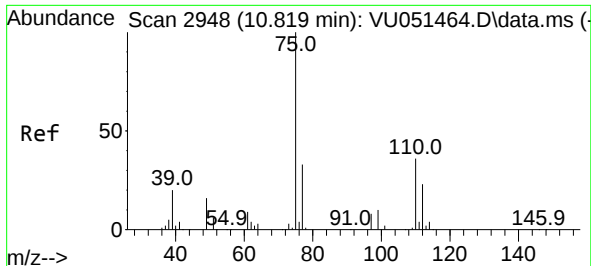
Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Tgt Ion:	173	Resp:	31771
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.4	57.6
254	8.8	7.8	11.6

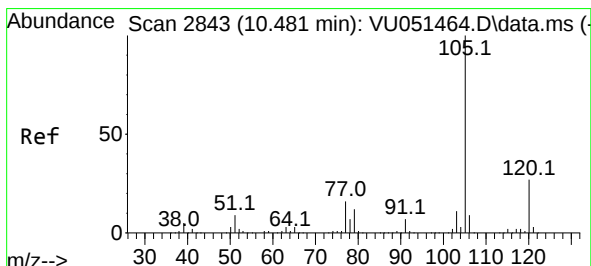
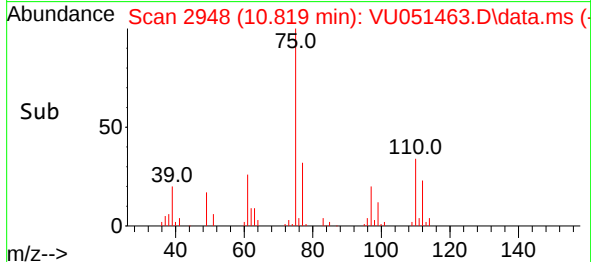
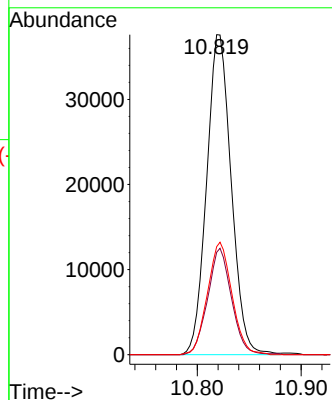
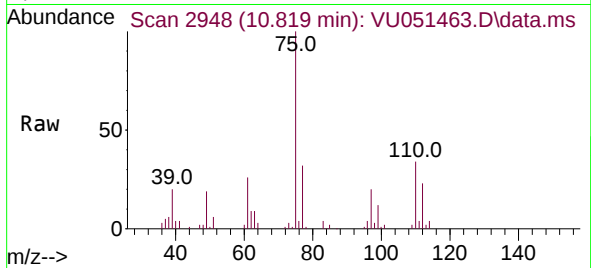




#60
 1,2,3-Trichloropropane
 Concen: 10.683 ug/L
 RT: 10.819 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

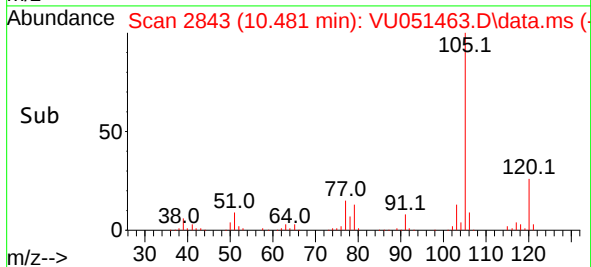
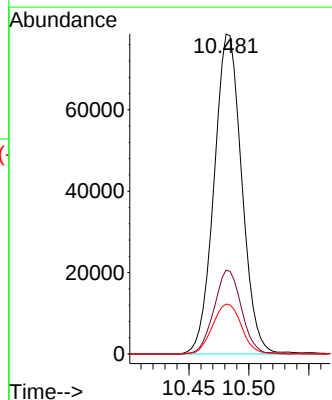
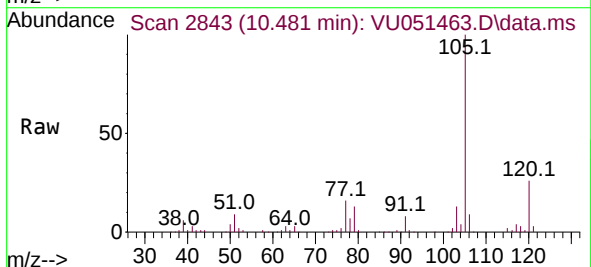
Instrument :
 MSVOA_U
 ClientSampleId :

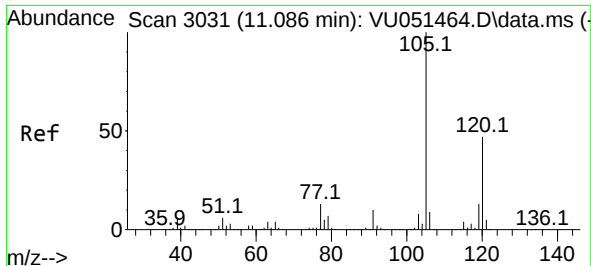
Tgt Ion: 75 Resp: 61798
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 110 35.0 28.7 43.1



#61
 Isopropylbenzene
 Concen: 8.812 ug/L
 RT: 10.481 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

Tgt Ion: 105 Resp: 125809
 Ion Ratio Lower Upper
 105 100
 120 25.9 21.1 31.7
 77 16.3 12.6 19.0

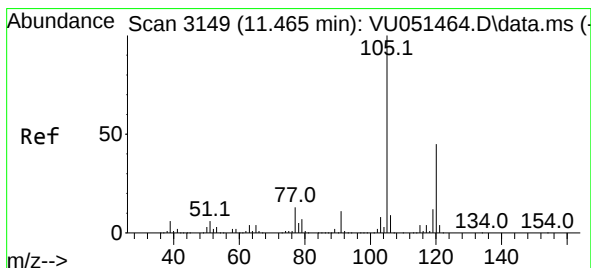
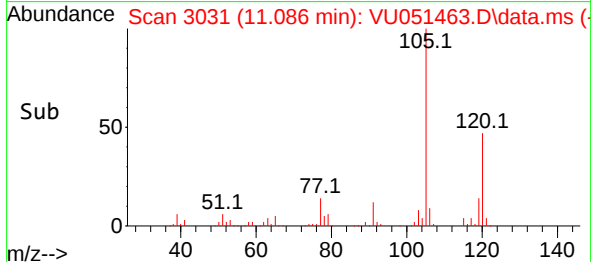
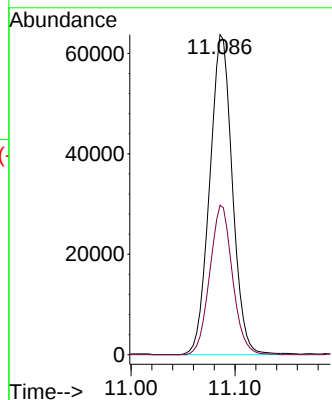
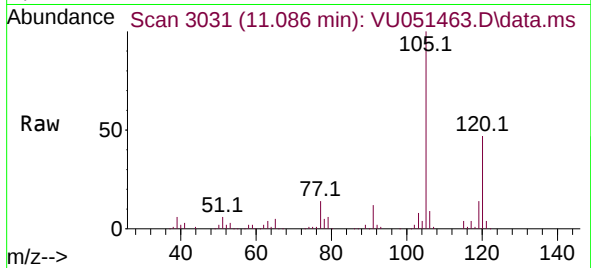




#62
 1,3,5-Trimethylbenzene
 Concen: 8.304 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

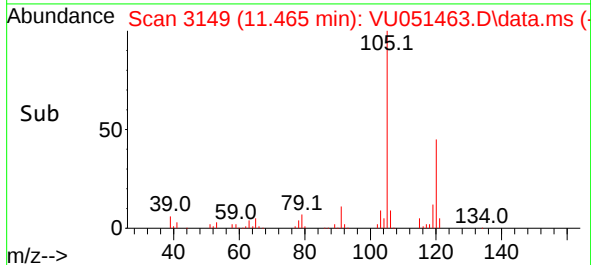
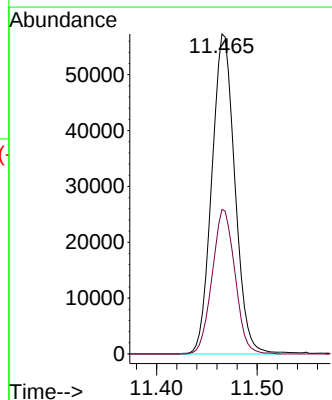
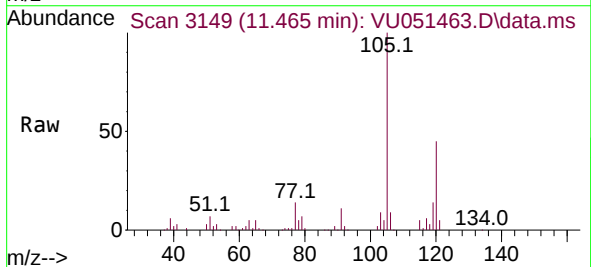
Instrument :
 MSVOA_U
 ClientSampleId :

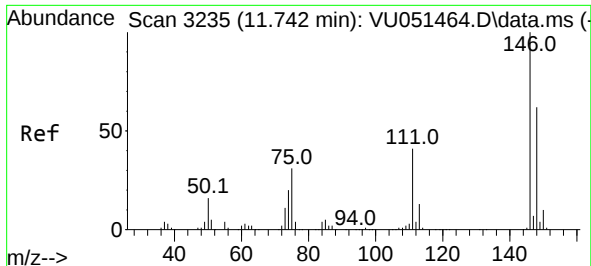
Tgt Ion:105 Resp: 96464
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 7.734 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

Tgt Ion:105 Resp: 91275
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.4 53.0

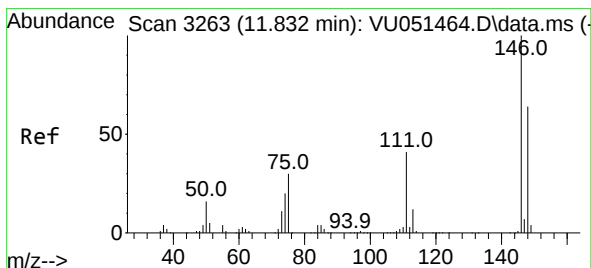
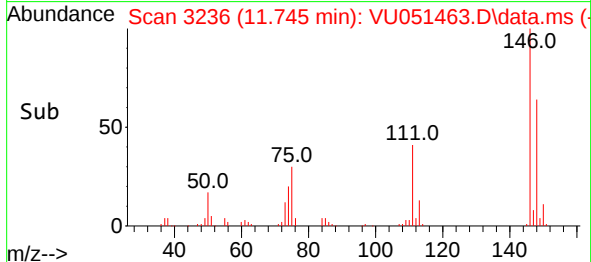
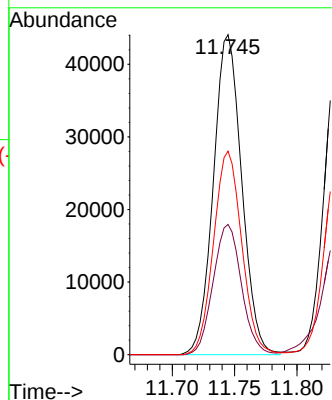
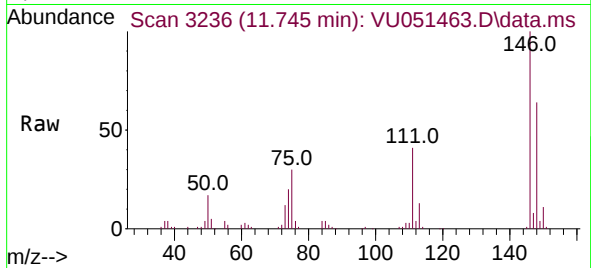




#64
1,3-Dichlorobenzene
Concen: 9.426 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

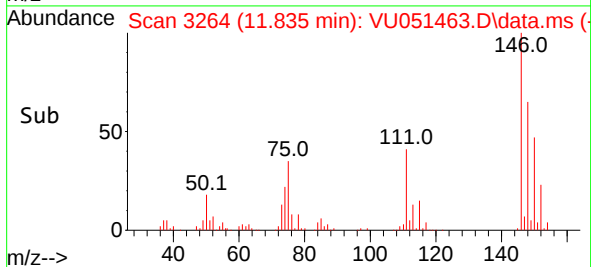
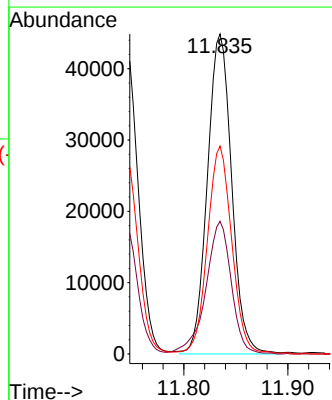
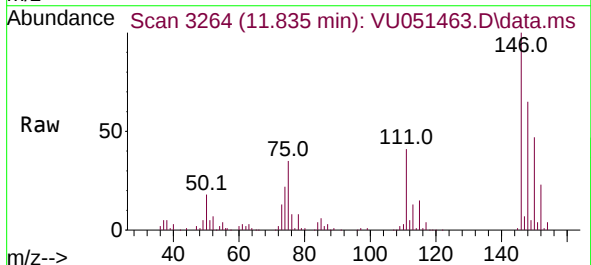
Instrument :
MSVOA_U
ClientSampleId :

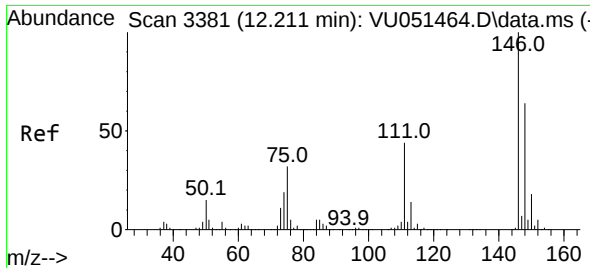
Tgt Ion:146 Resp: 69852
Ion Ratio Lower Upper
146 100
111 40.7 28.7 53.3
148 63.6 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 9.862 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051463.D
Acq: 20 Oct 2022 10:22

Tgt Ion:146 Resp: 72724
Ion Ratio Lower Upper
146 100
111 41.4 28.9 53.7
148 64.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 9.932 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

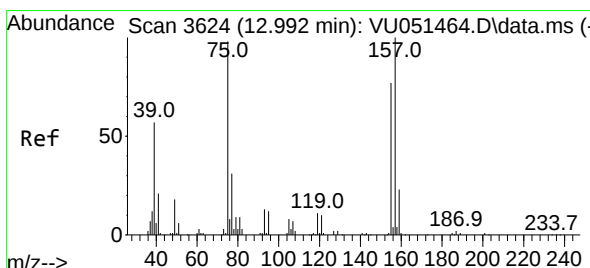
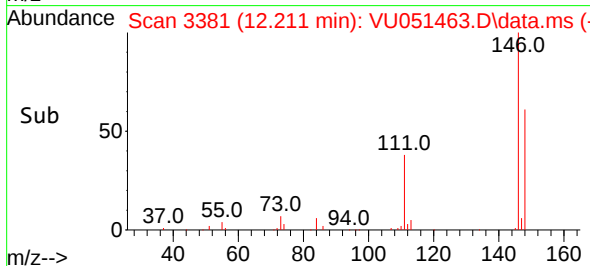
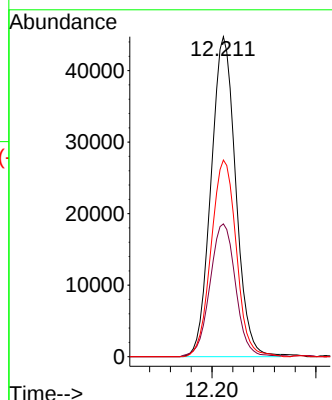
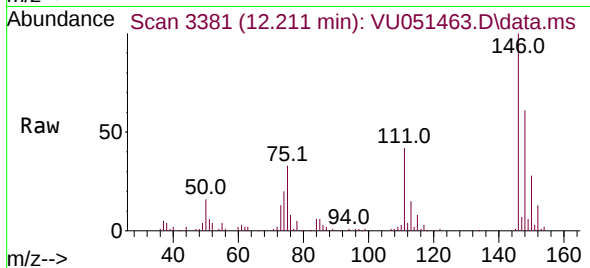
Tgt Ion:146 Resp: 73947

Ion Ratio Lower Upper

146 100

111 41.5 35.3 52.9

148 61.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 9.393 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

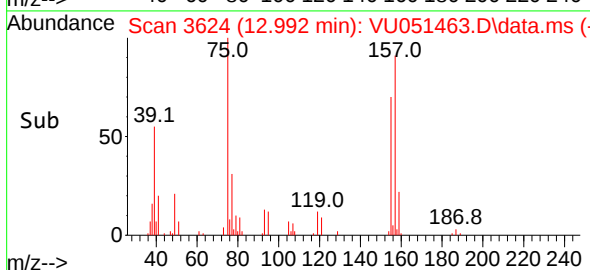
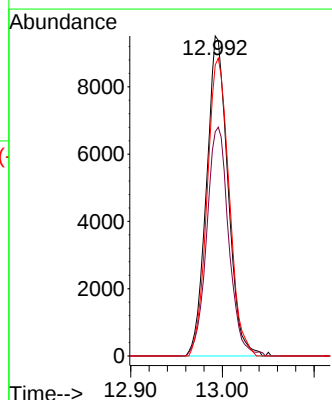
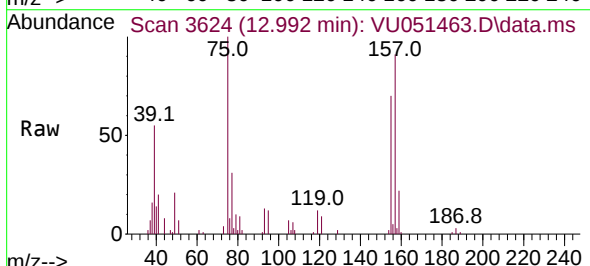
Tgt Ion: 75 Resp: 15437

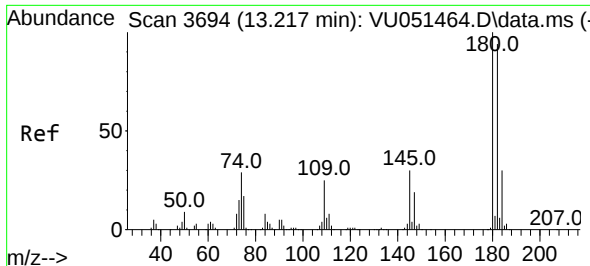
Ion Ratio Lower Upper

75 100

155 70.1 62.5 93.7

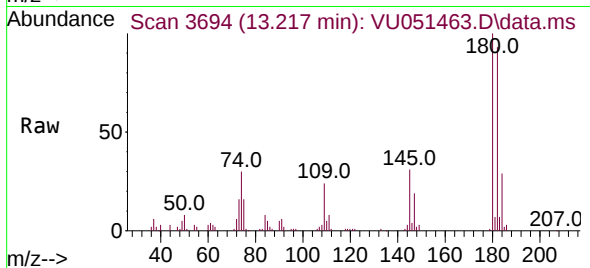
157 90.9 81.6 122.4



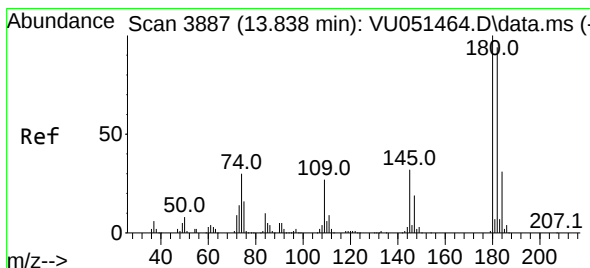
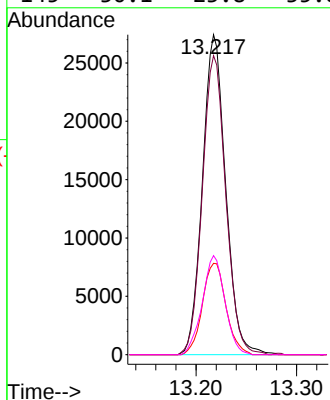
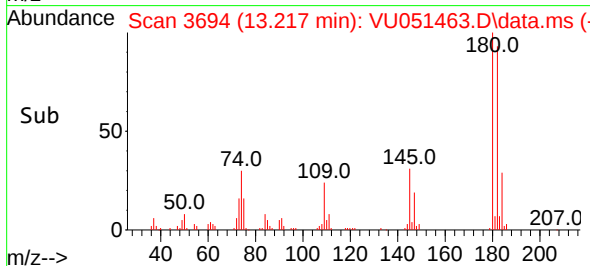


#69
 1,3,5-Trichlorobenzene
 Concen: 8.875 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22

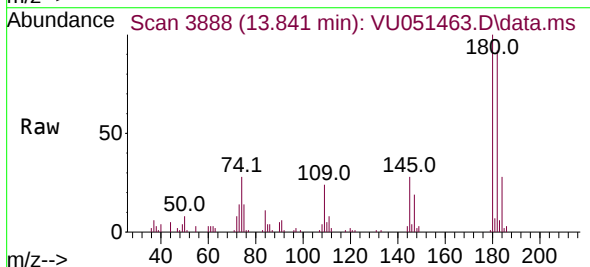
Instrument :
 MSVOA_U
 ClientSampleId :



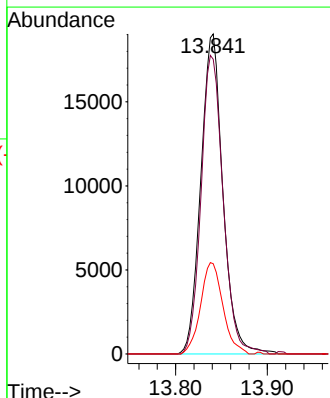
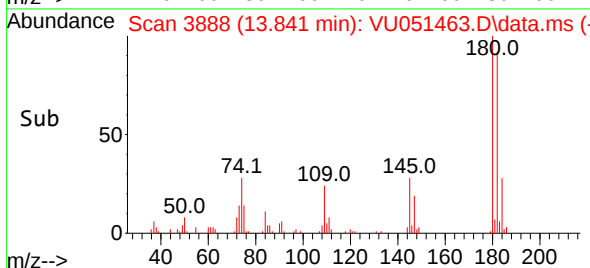
Tgt Ion:180 Resp: 43947
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.6 113.4
 184 29.1 23.9 35.9
 145 30.1 23.8 35.8

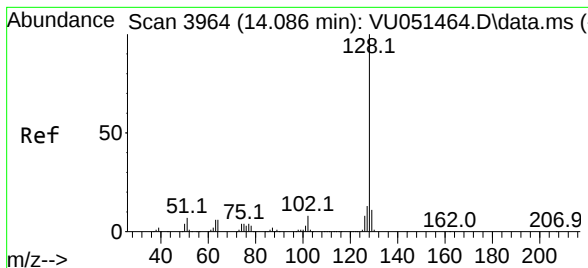


#70
 1,2,4-trichlorobenzene
 Concen: 7.947 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051463.D
 Acq: 20 Oct 2022 10:22



Tgt Ion:180 Resp: 31895
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.2 114.4
 145 28.8 25.0 37.6





#71

Naphthalene

Concen: 6.088 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU051463.D

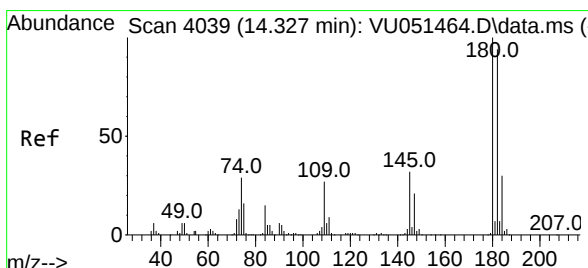
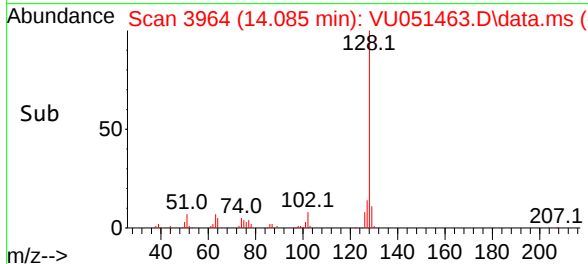
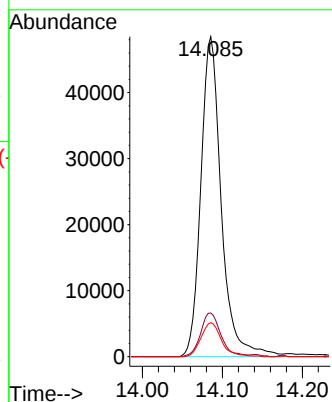
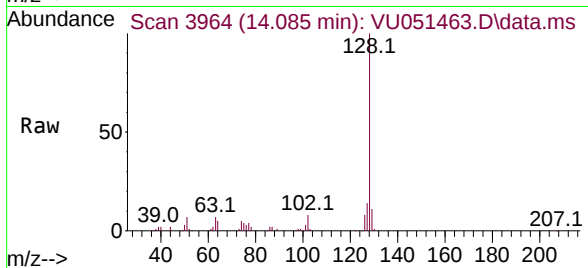
Acq: 20 Oct 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	86201
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.5 15.7
129	10.6	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 7.538 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051463.D

Acq: 20 Oct 2022 10:22

Tgt Ion:180	Resp:	33825
Ion Ratio	Lower	Upper
180	100	
182	97.9	75.4 113.2
145	33.5	25.3 37.9

