

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051996.D
 Acq On : 21 Nov 2022 14:44
 Operator : JC/MD
 Sample : VSTD01056
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 00:39:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	484686	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	468372	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	202460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43362	10.907	ug/L	0.00
7) Chloroethane-d5	1.909	69	33987	10.431	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	62766	9.551	ug/L	0.00
21) 2-Butanone-d5	4.626	46	45993	17.080	ug/L	0.00
24) Chloroform-d	5.060	84	69219	9.740	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	40969	9.365	ug/L	0.00
32) Benzene-d6	5.726	84	135548	10.397	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	44082	10.353	ug/L	0.00
41) Toluene-d8	7.896	98	116060	9.856	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	17582	9.788	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	27566	15.113	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	67356	9.302	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	41974	10.851	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	26517	6.673	ug/L	99
3) Chloromethane	1.526	50	40026	7.687	ug/L	95
5) Vinyl chloride	1.604	62	38420	7.444	ug/L	83
6) Bromomethane	1.848	94	20449	7.636	ug/L	97
8) Chloroethane	1.932	64	26254	8.418	ug/L	98
9) Trichlorofluoromethane	2.137	101	46701	7.817	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	29313	7.936	ug/L	98
12) 1,1-Dichloroethene	2.578	96	28596	8.172	ug/L	93
13) Acetone	2.623	43	45104	15.247	ug/L	99
14) Carbon disulfide	2.793	76	70849	6.452	ug/L	100
15) Methyl Acetate	2.948	43	36737	8.097	ug/L	98
16) Methylene chloride	3.047	84	46823	10.038	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	29372	8.126	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	90180	8.541	ug/L	99
19) 1,1-Dichloroethane	3.867	63	61695	8.580	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	34174	8.509	ug/L	97
22) 2-Butanone	4.703	43	52218	14.984	ug/L	97
23) Bromochloromethane	4.973	128	19163	8.551	ug/L	98
25) Chloroform	5.086	83	62628	8.439	ug/L	99
27) 1,2-Dichloroethane	5.793	62	48398	8.487	ug/L	98
29) Cyclohexane	5.388	56	36762	7.673	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	49823	9.077	ug/L	100
31) Carbon tetrachloride	5.523	117	39465	8.566	ug/L	99
33) Benzene	5.774	78	136517	8.979	ug/L	100
34) Trichloroethene	6.539	95	32538	8.898	ug/L	98
35) Methylcyclohexane	6.761	83	38823	7.524	ug/L	95
37) 1,2-Dichloropropane	6.790	63	39420	9.424	ug/L	# 94
38) Bromodichloromethane	7.105	83	46980	8.824	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	47993	8.659	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	85939	15.551	ug/L	97
42) Toluene	7.967	91	134019	8.593	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	43323	8.112	ug/L	96

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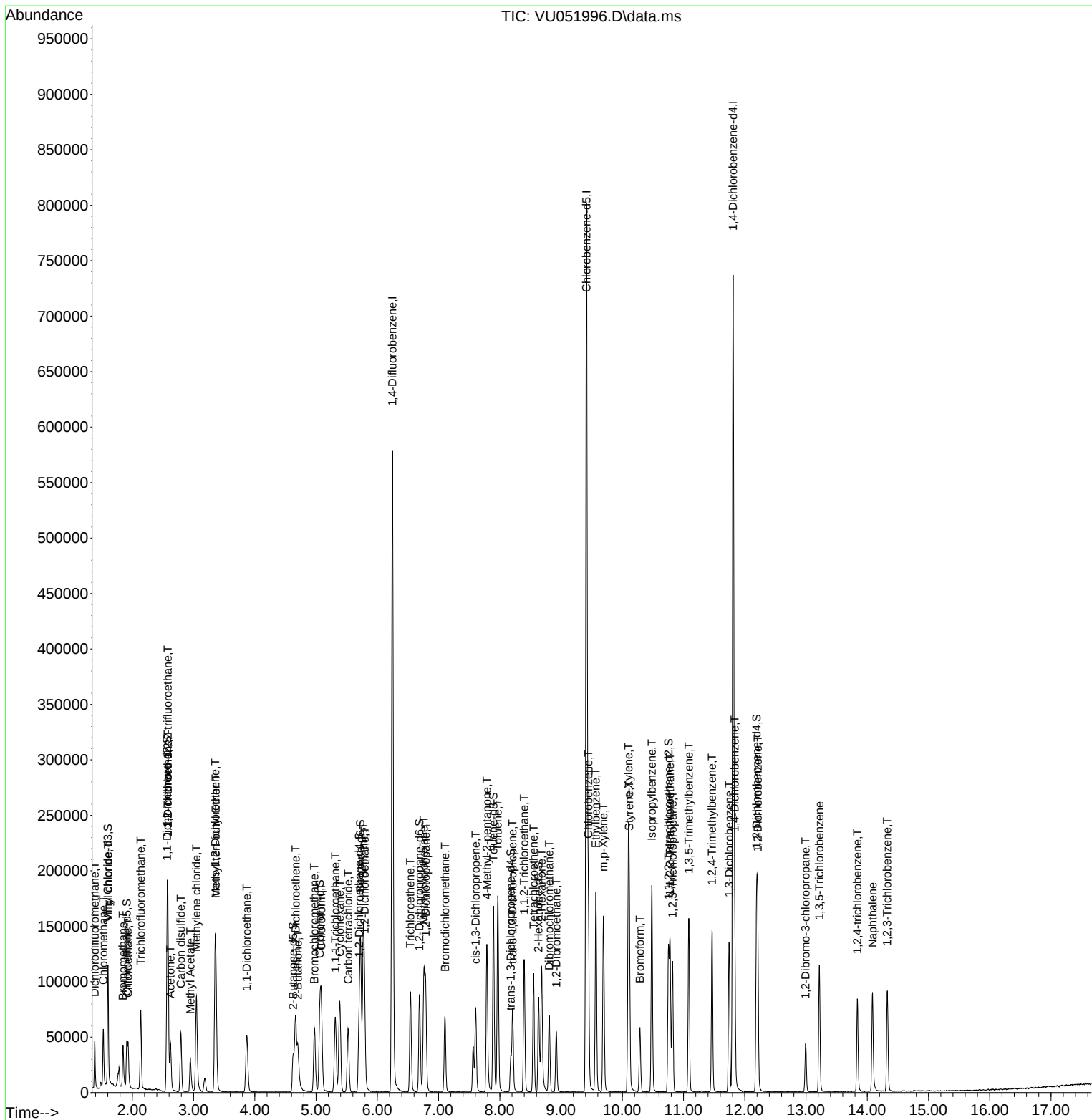
Quant Time: Nov 22 00:39:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
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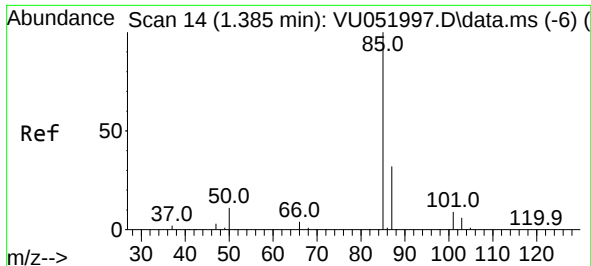
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	37955	9.088	ug/L	96
46) Tetrachloroethene	8.552	164	24434	9.004	ug/L	99
48) 2-Hexanone	8.684	43	69590	14.937	ug/L	96
49) Dibromochloromethane	8.806	129	37412	8.738	ug/L	98
50) 1,2-Dibromoethane	8.922	107	37521	8.768	ug/L	98
51) Chlorobenzene	9.446	112	91737	8.933	ug/L	99
52) Ethylbenzene	9.568	91	128351	8.145	ug/L	99
53) m,p-Xylene	9.693	106	47887	7.909	ug/L	96
54) o-Xylene	10.098	106	48048	7.922	ug/L	98
55) Styrene	10.115	104	77116	7.397	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	64536	8.144	ug/L	100
59) Bromoform	10.288	173	27541	9.715	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	51860	9.929	ug/L	98
61) Isopropylbenzene	10.481	105	117826	9.167	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	85502	7.936	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	80388	7.618	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	58055	8.945	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	59728	8.982	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	62124	9.158	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	11669	8.351	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	37210	8.587	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	27737	8.229	ug/L	98
71) Naphthalene	14.085	128	78857	7.248	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	30006	8.334	ug/L	99

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

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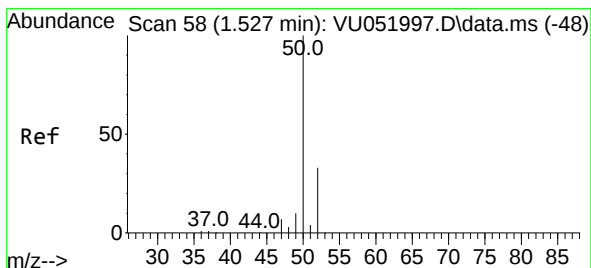
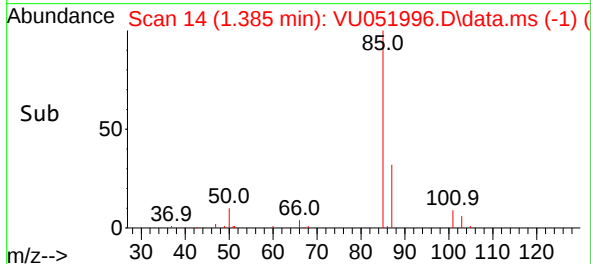
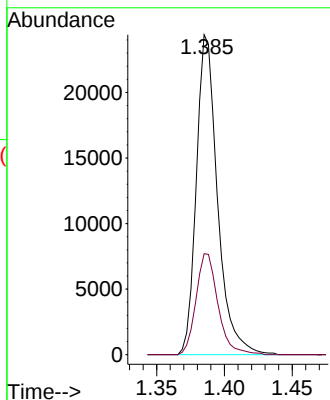
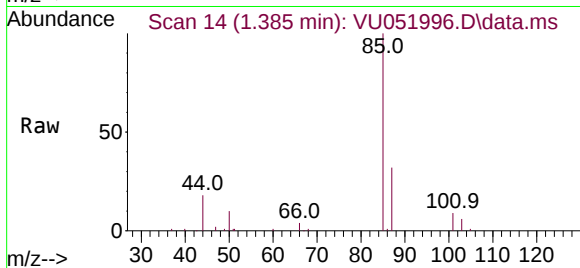




#2
Dichlorodifluoromethane
Concen: 6.673 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

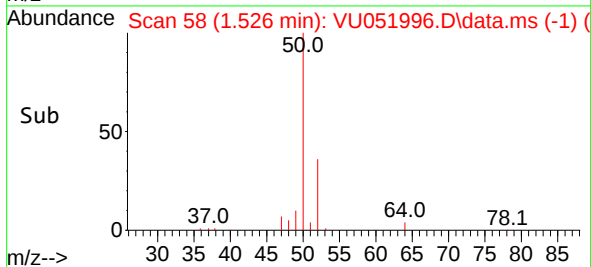
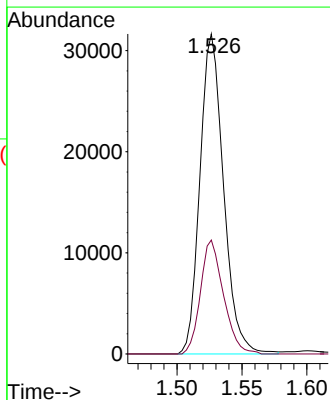
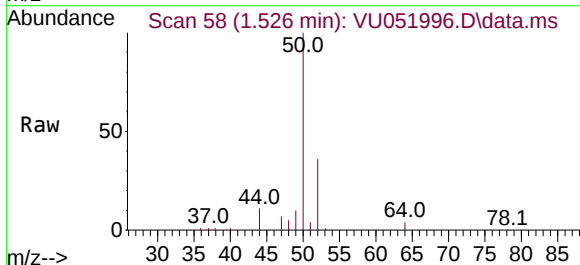
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MSVOA_U
ClientSampleId :

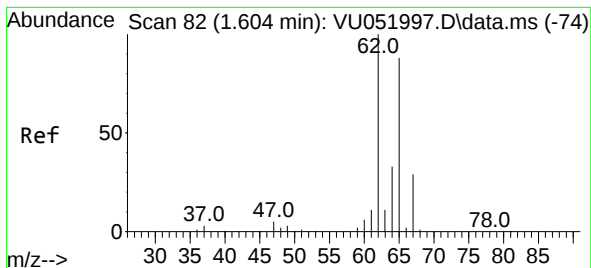
Tgt Ion: 85 Resp: 26517
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 7.687 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion: 50 Resp: 40026
Ion Ratio Lower Upper
50 100
52 35.6 23.1 42.9





#5

Vinyl chloride

Concen: 7.444 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

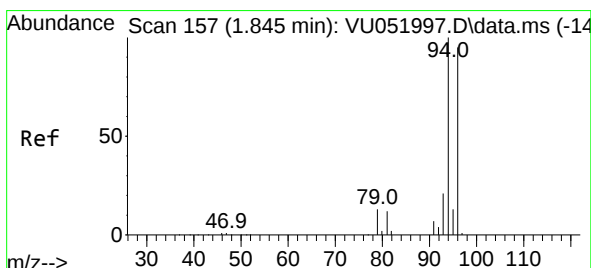
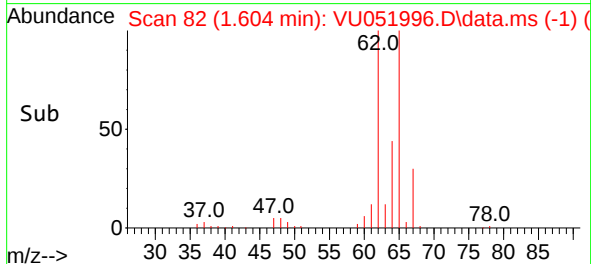
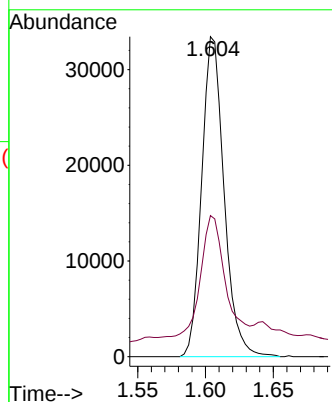
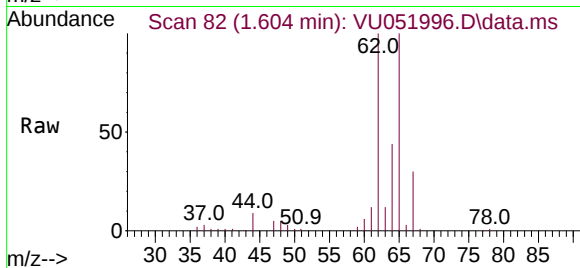
ClientSampleId :

Tgt Ion: 62 Resp: 38420

Ion Ratio Lower Upper

62 100

64 44.1 23.9 44.3



#6

Bromomethane

Concen: 7.636 ug/L

RT: 1.848 min Scan# 158

Delta R.T. 0.003 min

Lab File: VU051996.D

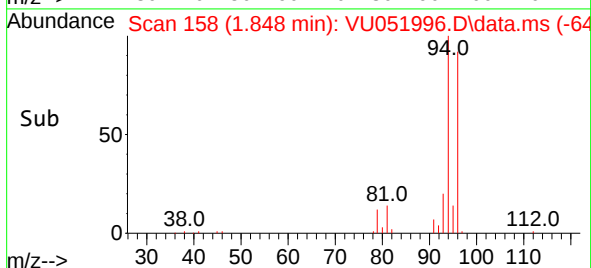
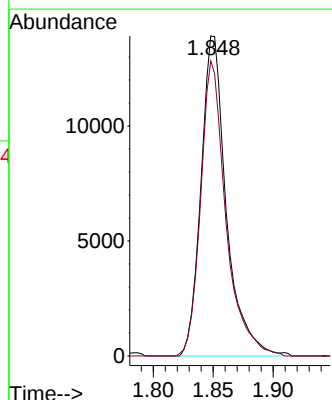
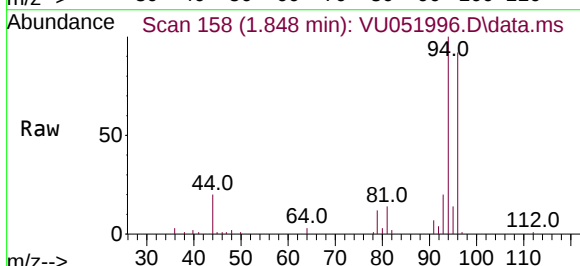
Acq: 21 Nov 2022 14:44

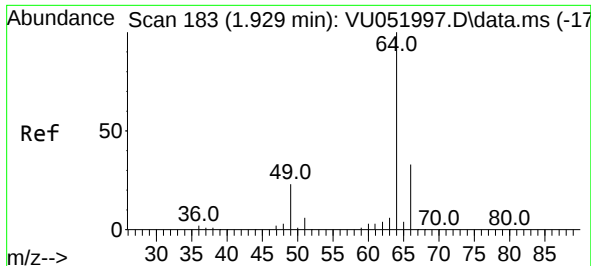
Tgt Ion: 94 Resp: 20449

Ion Ratio Lower Upper

94 100

96 92.2 66.8 124.0

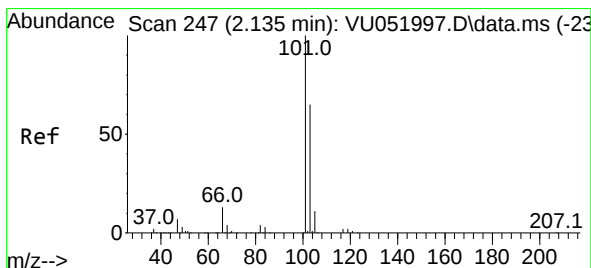
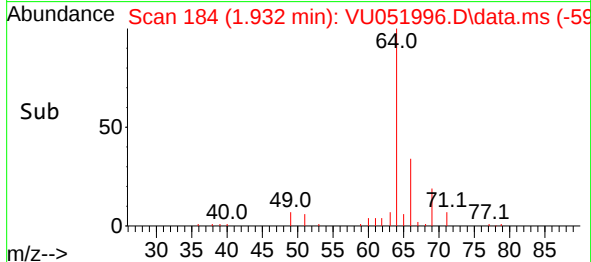
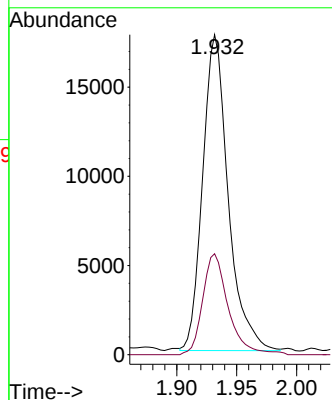
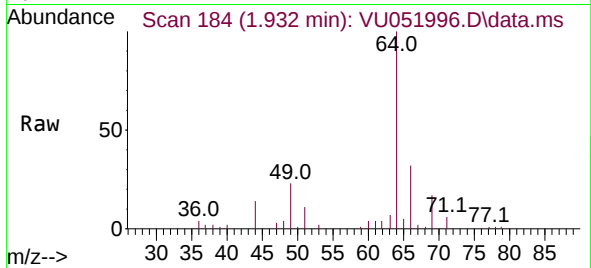




#8
Chloroethane
Concen: 8.418 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

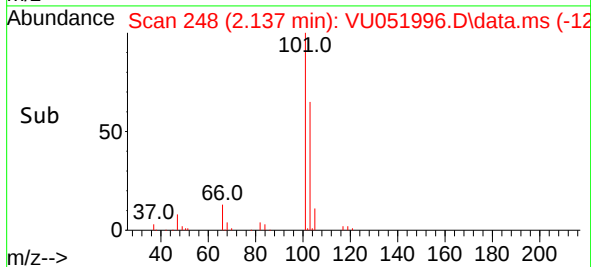
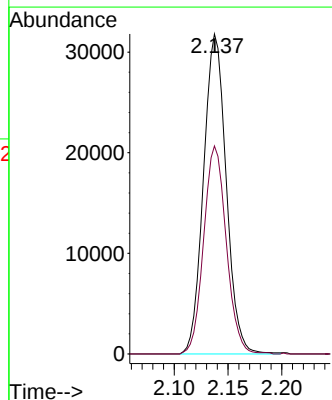
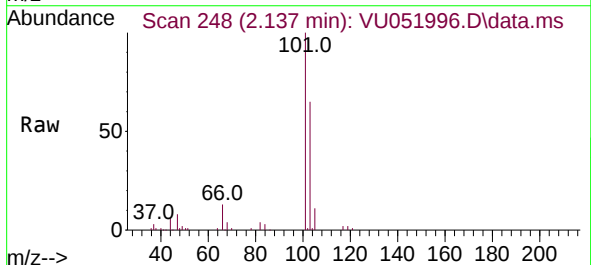
Instrument :
MSVOA_U
ClientSampleId :

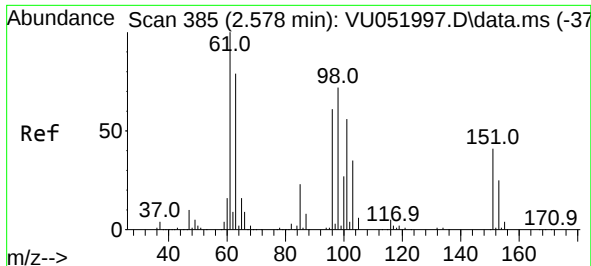
Tgt Ion: 64 Resp: 26254
Ion Ratio Lower Upper
64 100
66 31.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 7.817 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion: 101 Resp: 46701
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

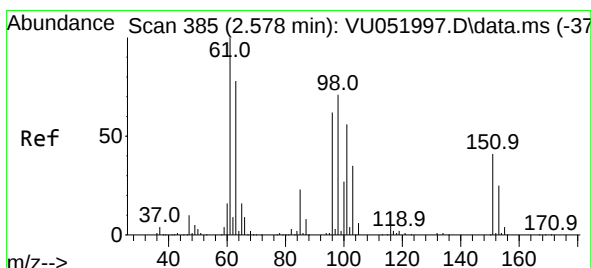
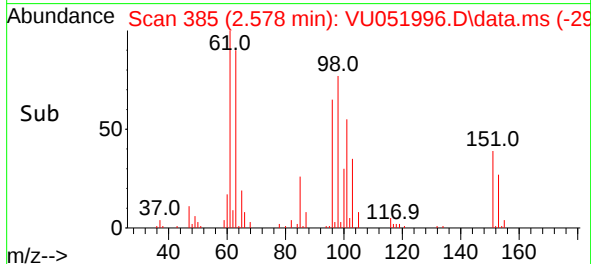
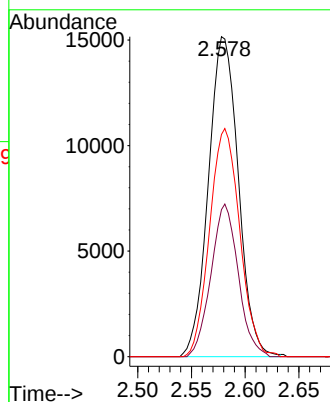
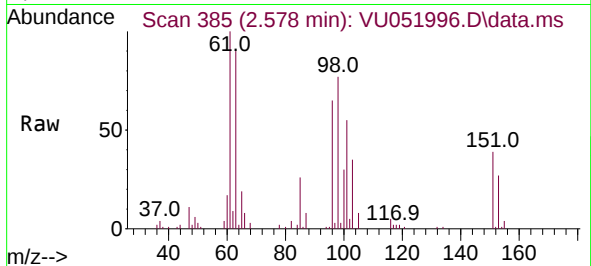




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.936 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051996.D
 Acq: 21 Nov 2022 14:44

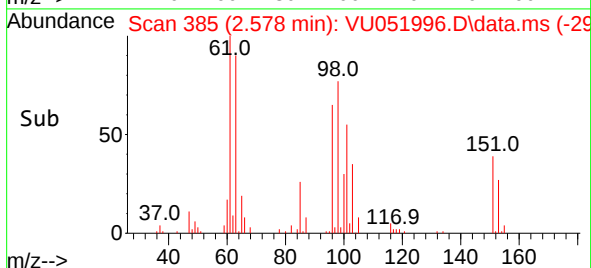
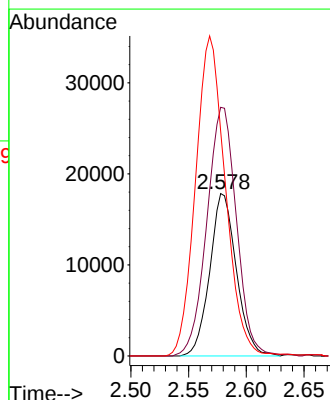
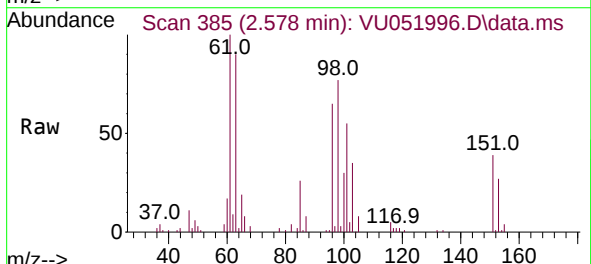
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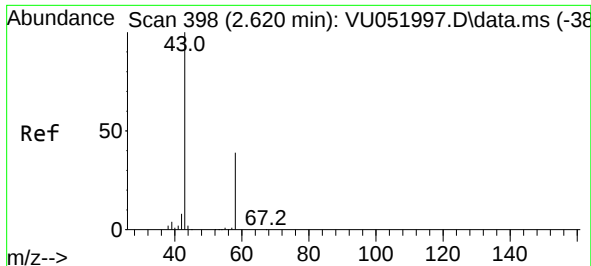
Tgt Ion:101 Resp: 29313
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.6 50.4
 151 71.7 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 8.172 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051996.D
 Acq: 21 Nov 2022 14:44

Tgt Ion: 96 Resp: 28596
 Ion Ratio Lower Upper
 96 100
 61 153.2 114.2 212.0
 63 138.4 90.9 168.7





#13

Acetone

Concen: 15.247 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

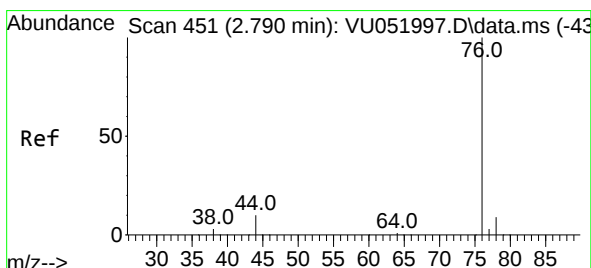
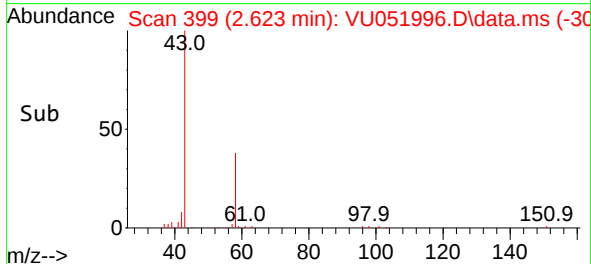
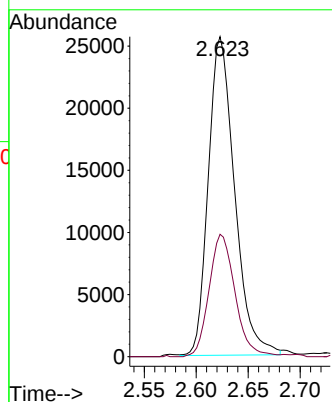
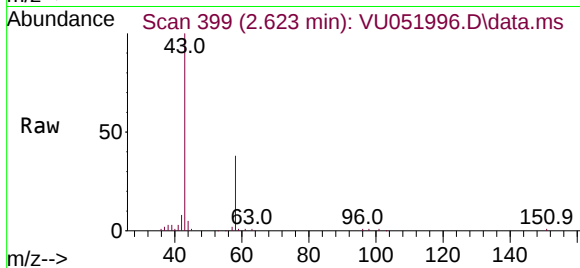
ClientSampleId :

Tgt Ion: 43 Resp: 45104

Ion Ratio Lower Upper

43 100

58 37.9 0.0 76.6



#14

Carbon disulfide

Concen: 6.452 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051996.D

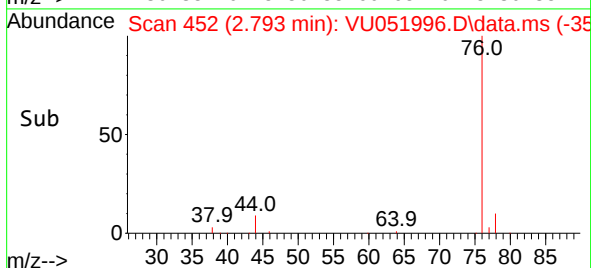
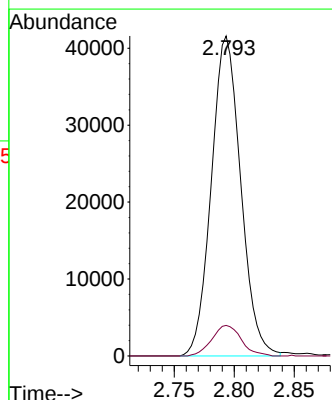
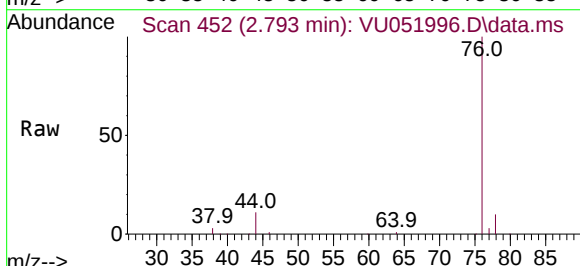
Acq: 21 Nov 2022 14:44

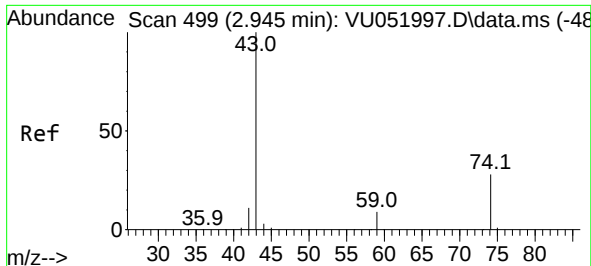
Tgt Ion: 76 Resp: 70849

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

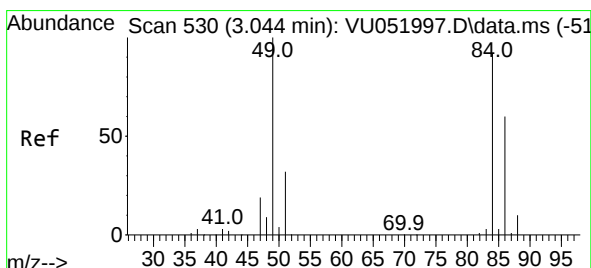
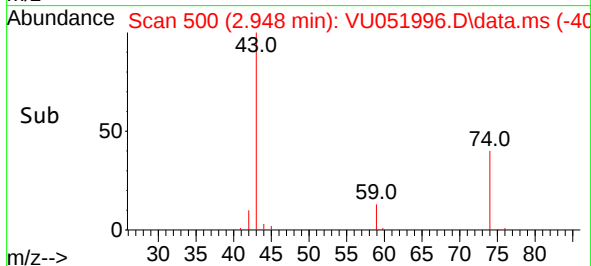
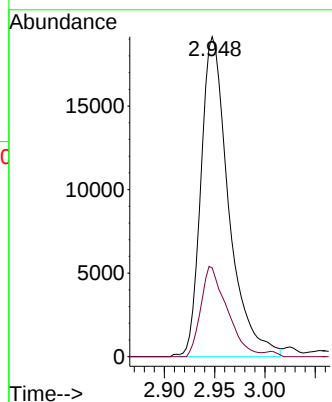
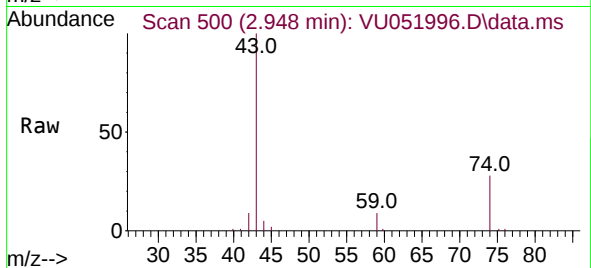




#15
Methyl Acetate
Concen: 8.097 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

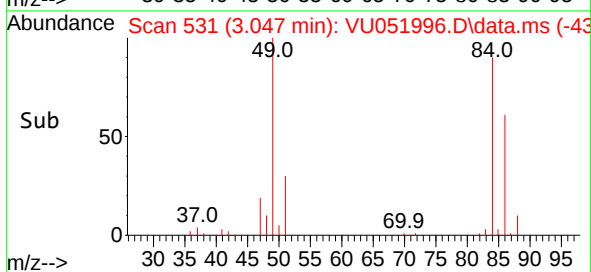
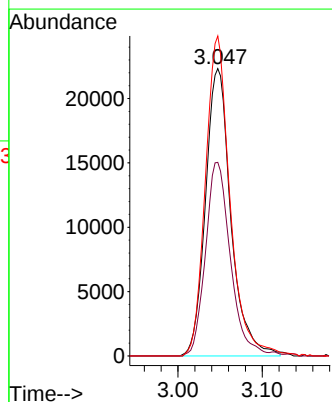
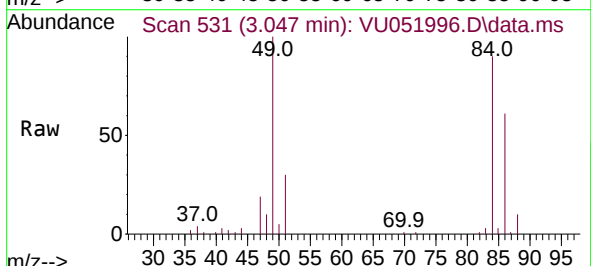
Instrument :
MSVOA_U
ClientSampleId :

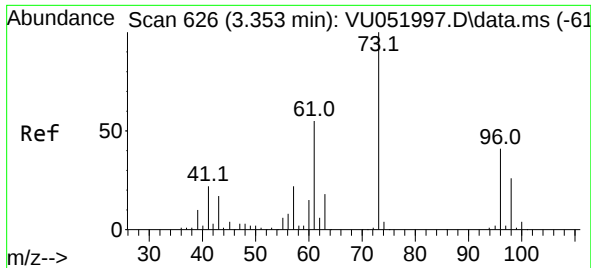
Tgt Ion: 43 Resp: 36737
Ion Ratio Lower Upper
43 100
74 26.6 22.2 33.4



#16
Methylene chloride
Concen: 10.038 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion: 84 Resp: 46823
Ion Ratio Lower Upper
84 100
86 67.4 45.2 84.0
49 111.4 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 8.126 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

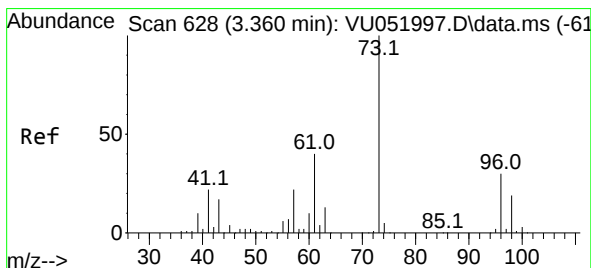
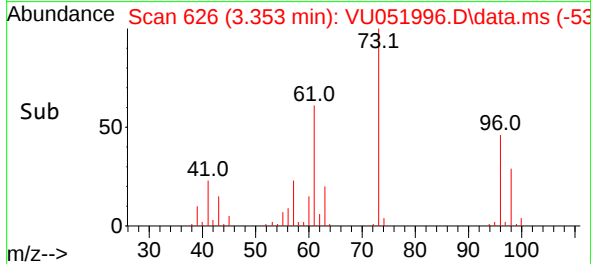
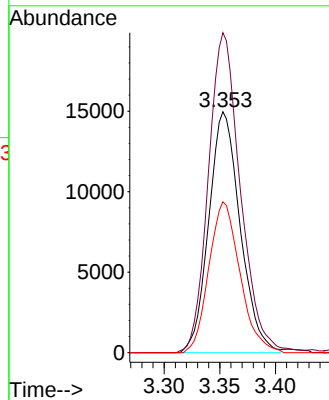
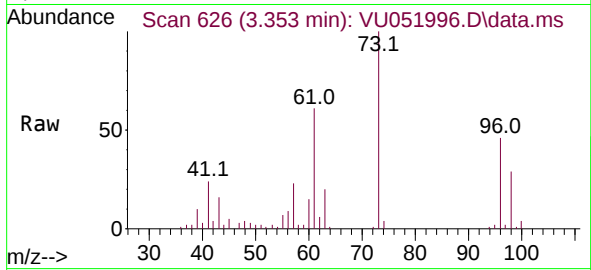
Tgt Ion: 96 Resp: 29372

Ion Ratio Lower Upper

96 100

61 132.8 93.9 174.3

98 62.6 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 8.541 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

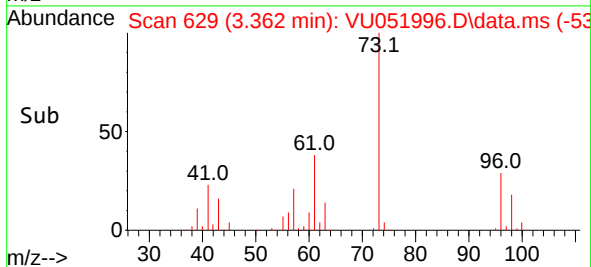
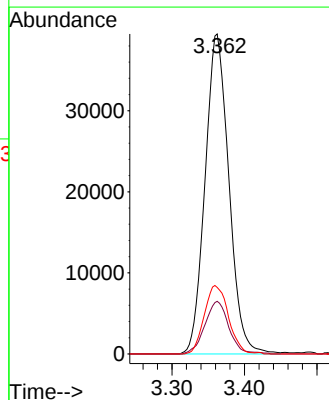
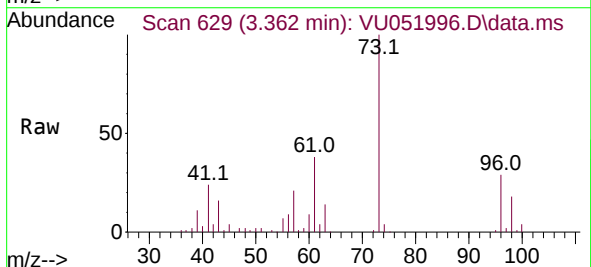
Tgt Ion: 73 Resp: 90180

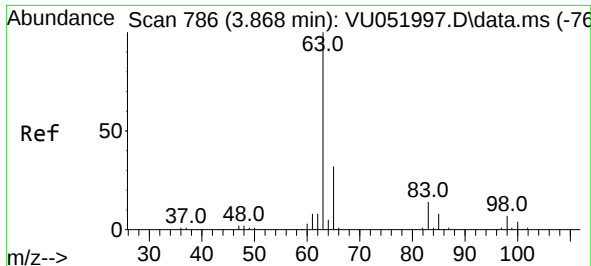
Ion Ratio Lower Upper

73 100

43 16.6 13.1 19.7

57 21.6 17.8 26.6





#19

1,1-Dichloroethane

Concen: 8.580 ug/L

RT: 3.867 min Scan# 7

Delta R.T. -0.000 min

Lab File: VU051996.D

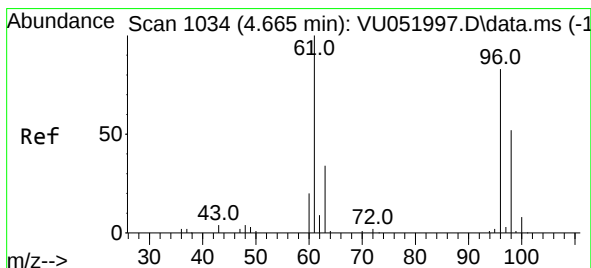
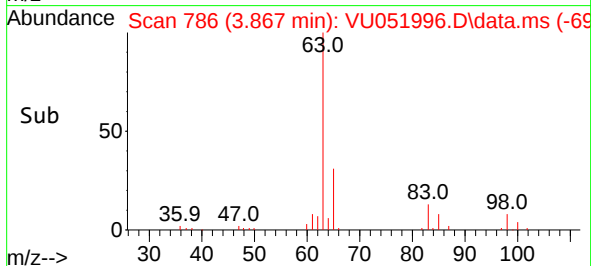
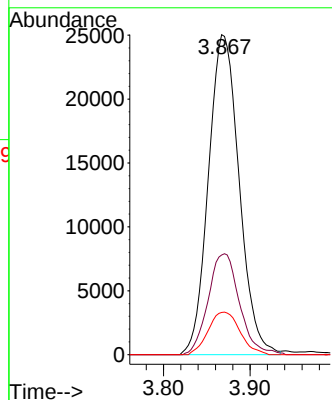
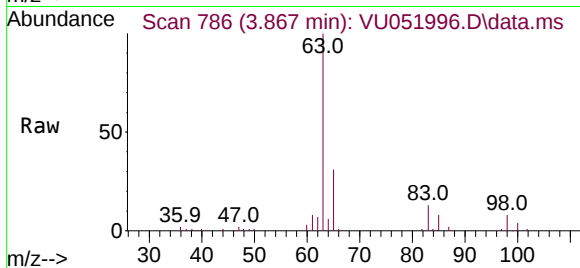
Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 61695
Ion Ratio	Lower Upper
63 100	
65 31.2	22.3 41.3
83 13.2	9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 8.509 ug/L

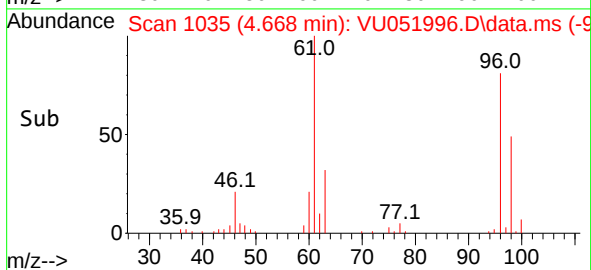
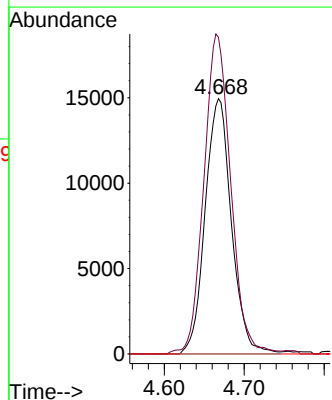
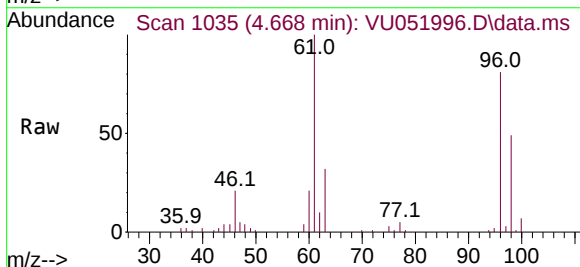
RT: 4.668 min Scan# 1035

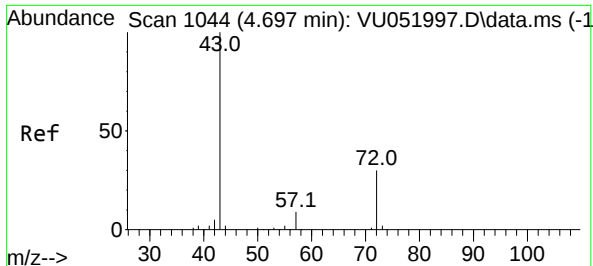
Delta R.T. 0.003 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Tgt Ion: 96	Resp: 34174
Ion Ratio	Lower Upper
96 100	
61 124.0	84.5 156.9
68 0.0	0.0 0.0

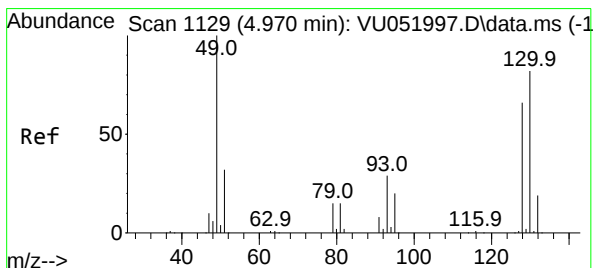
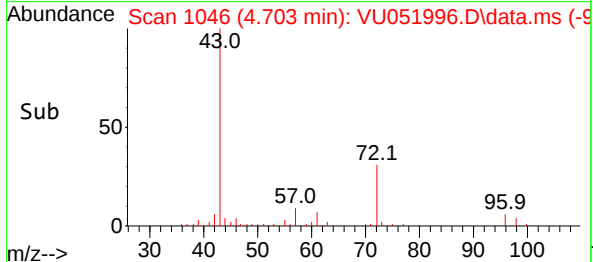
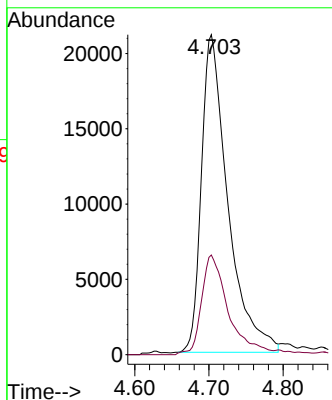
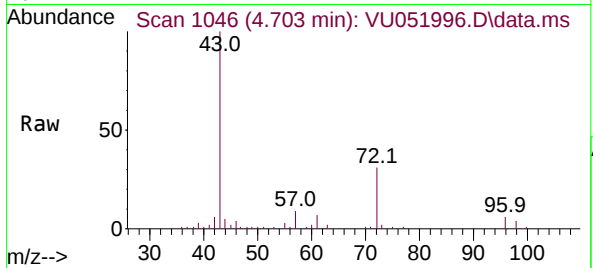




#22
2-Butanone
Concen: 14.984 ug/L
RT: 4.703 min Scan# 110
Delta R.T. 0.006 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

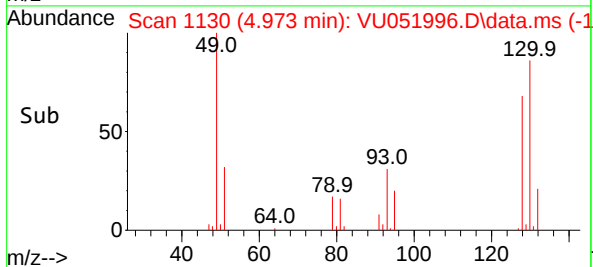
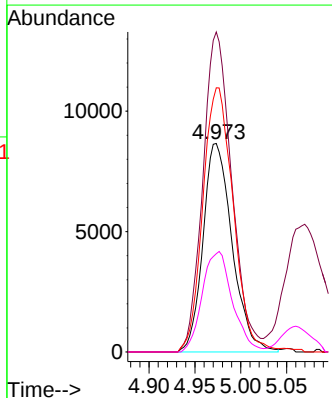
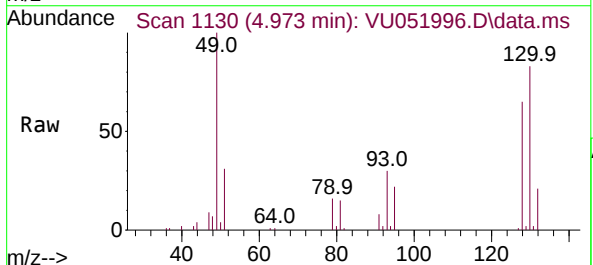
Instrument :
MSVOA_U
ClientSampleId :

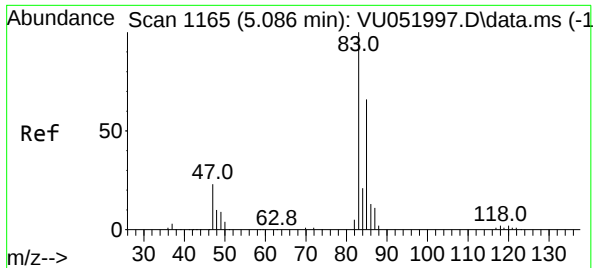
Tgt Ion: 43 Resp: 52218
Ion Ratio Lower Upper
43 100
72 30.0 15.9 47.7



#23
Bromochloromethane
Concen: 8.551 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion:128 Resp: 19163
Ion Ratio Lower Upper
128 100
49 153.5 106.3 197.3
130 126.8 87.4 162.2
51 47.1 38.6 57.8





#25

Chloroform

Concen: 8.439 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

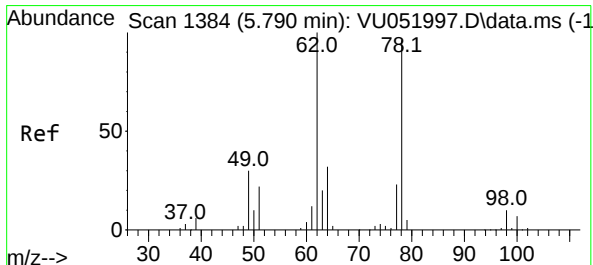
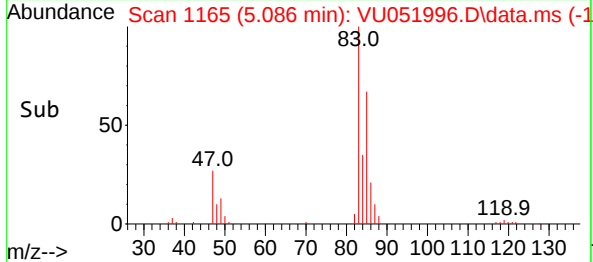
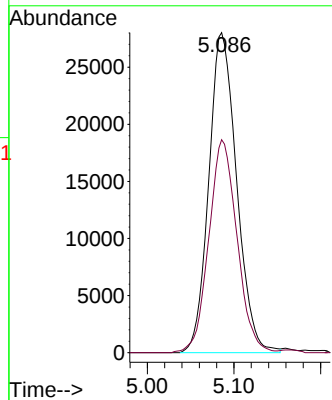
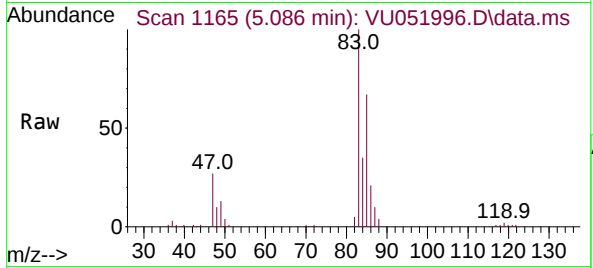
ClientSampleId :

Tgt Ion: 83 Resp: 62628

Ion Ratio Lower Upper

83 100

85 66.5 46.3 85.9



#27

1,2-Dichloroethane

Concen: 8.487 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU051996.D

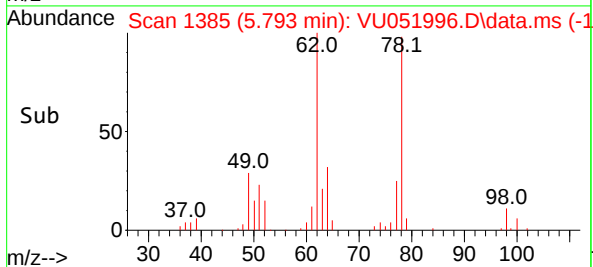
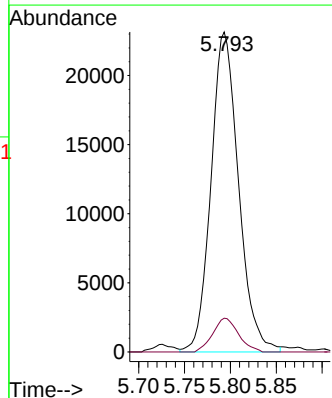
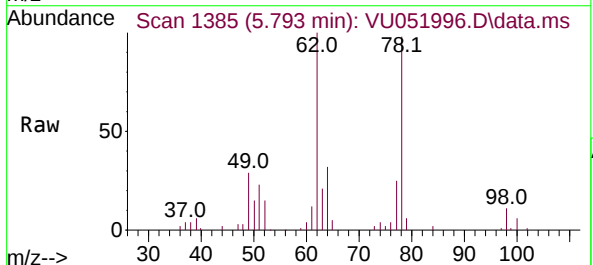
Acq: 21 Nov 2022 14:44

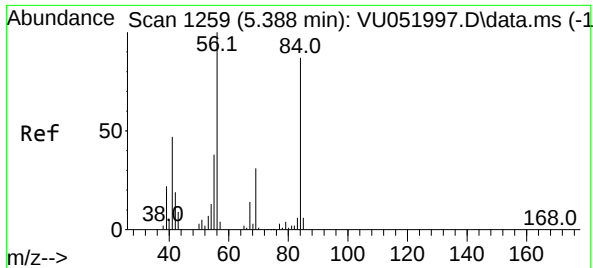
Tgt Ion: 62 Resp: 48398

Ion Ratio Lower Upper

62 100

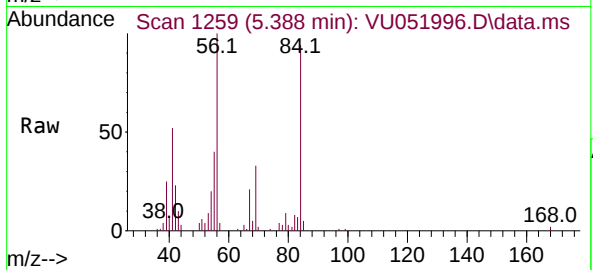
98 10.6 7.9 11.9



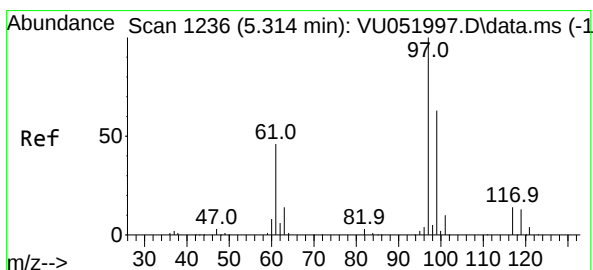
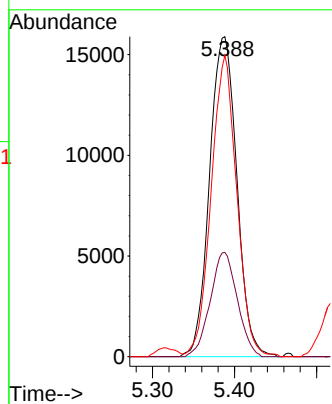
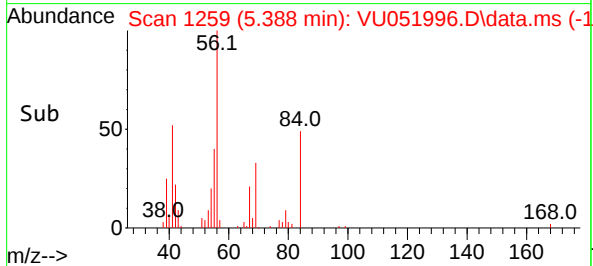


#29
Cyclohexane
Concen: 7.673 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Instrument :
MSVOA_U
ClientSampleId :

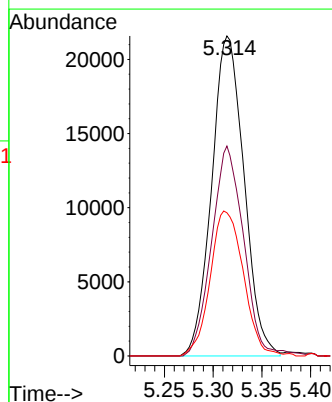
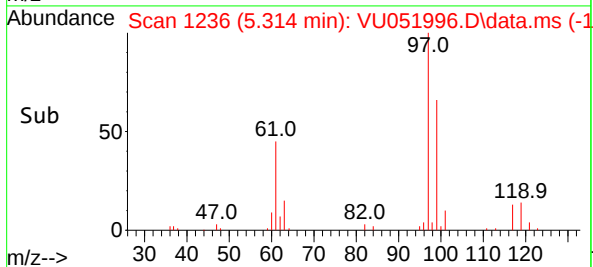
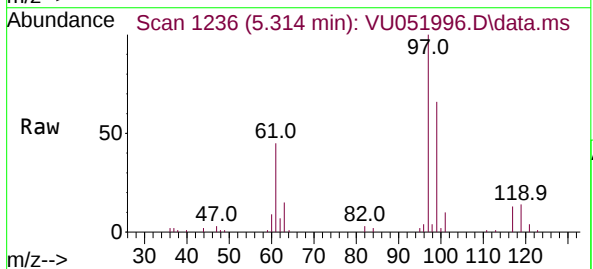


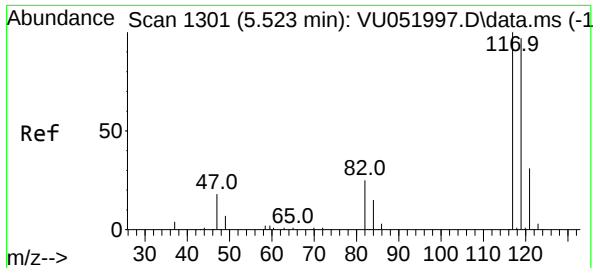
Tgt Ion: 56 Resp: 36762
Ion Ratio Lower Upper
56 100
69 32.3 25.7 38.5
84 88.4 70.2 105.2



#30
1,1,1-Trichloroethane
Concen: 9.077 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion: 97 Resp: 49823
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 46.5 37.2 55.8

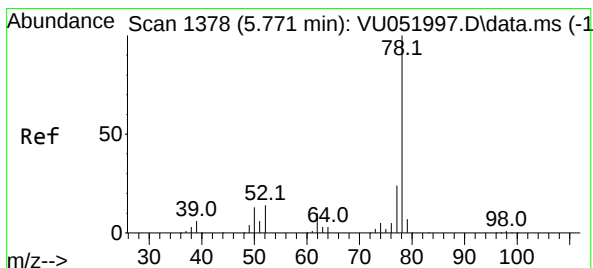
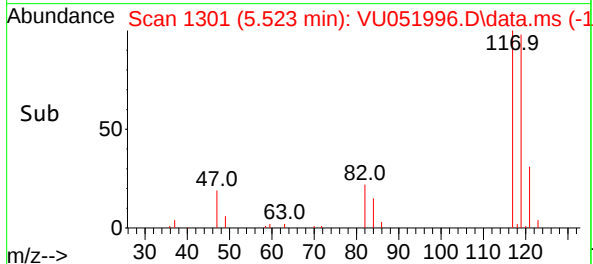
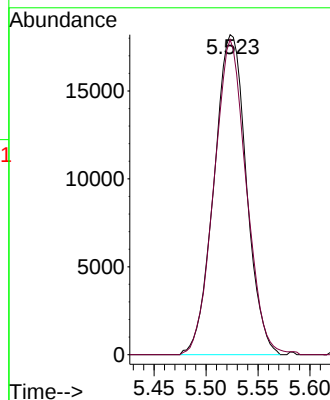
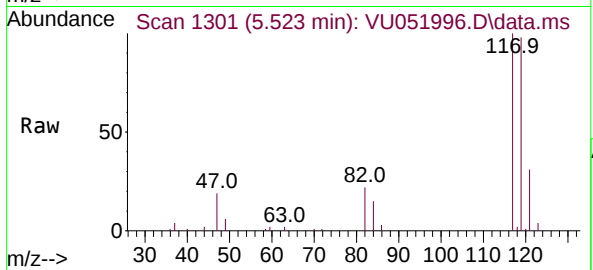




#31
Carbon tetrachloride
Concen: 8.566 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

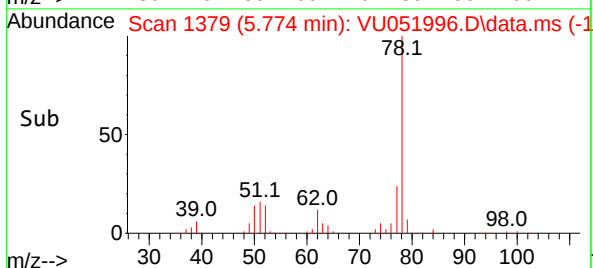
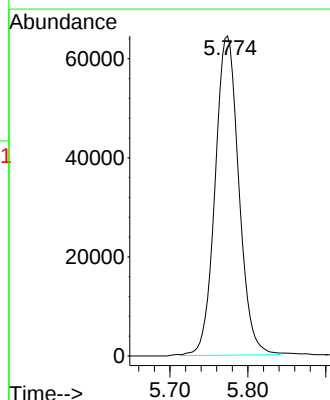
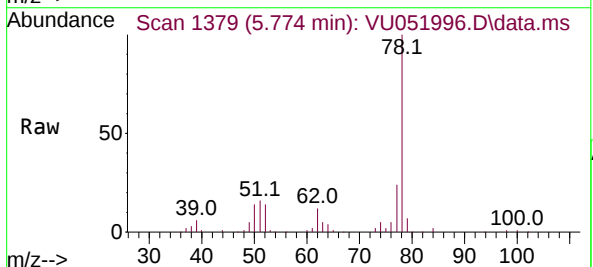
Instrument :
MSVOA_U
ClientSampleId :

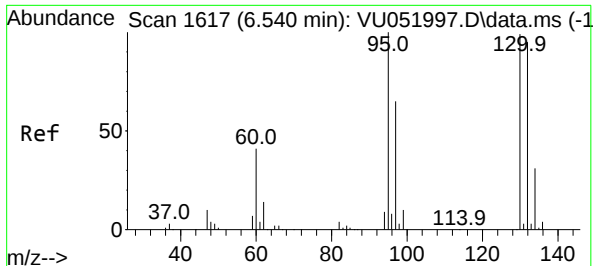
Tgt Ion:117 Resp: 39465
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.2



#33
Benzene
Concen: 8.979 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion: 78 Resp: 136517

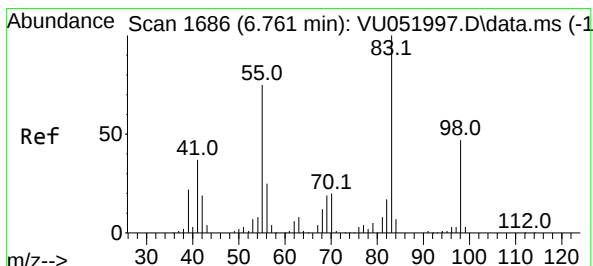
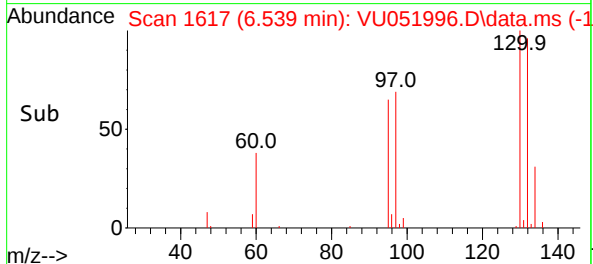
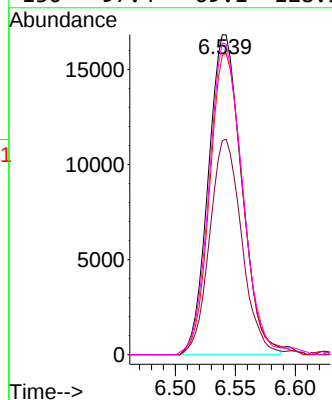
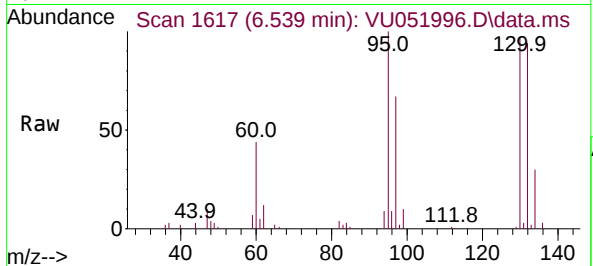




#34
Trichloroethene
Concen: 8.898 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

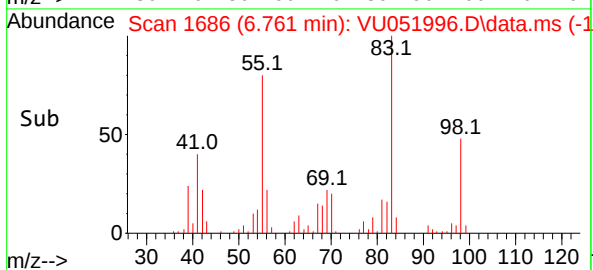
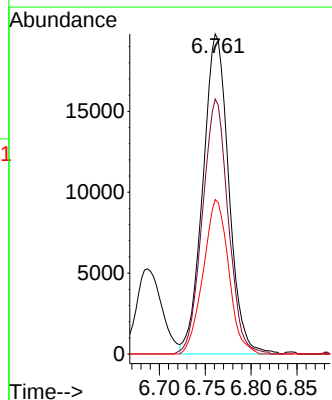
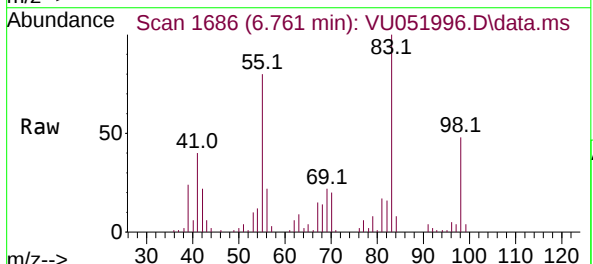
Instrument :
MSVOA_U
ClientSampleId :

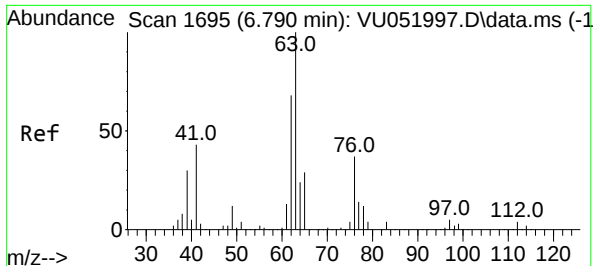
Tgt Ion: 95 Resp: 32538
Ion Ratio Lower Upper
95 100
97 66.9 45.3 84.1
132 93.5 66.8 124.2
130 97.4 69.1 128.3



#35
Methylcyclohexane
Concen: 7.524 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion: 83 Resp: 38823
Ion Ratio Lower Upper
83 100
55 79.2 59.0 88.6
98 47.3 36.0 54.0





#37

1,2-Dichloropropane

Concen: 9.424 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

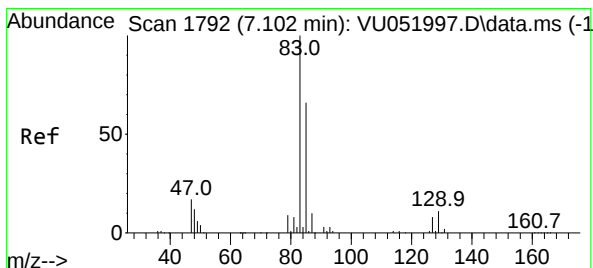
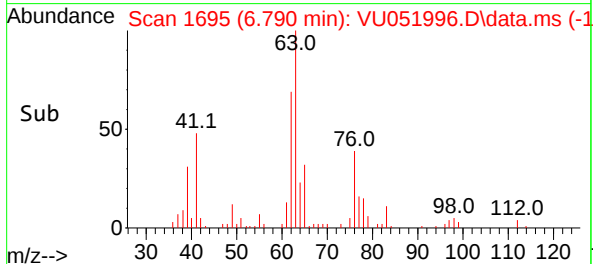
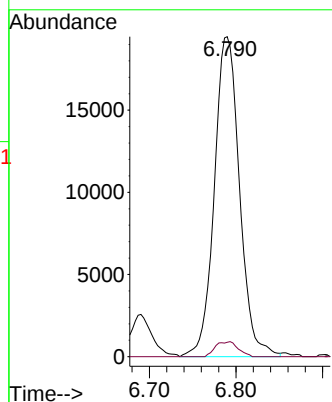
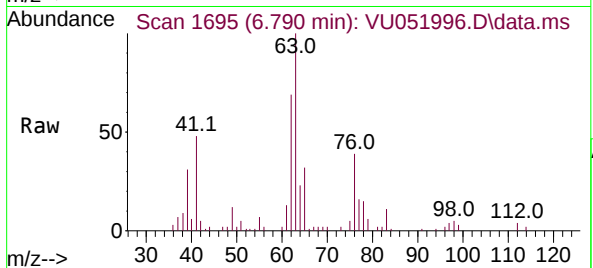
ClientSampleId :

Tgt Ion: 63 Resp: 39420

Ion Ratio Lower Upper

63 100

112 2.0 3.0 4.6#



#38

Bromodichloromethane

Concen: 8.824 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

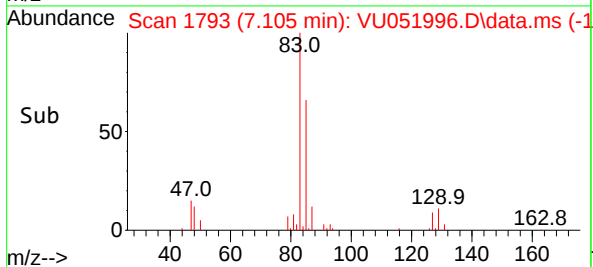
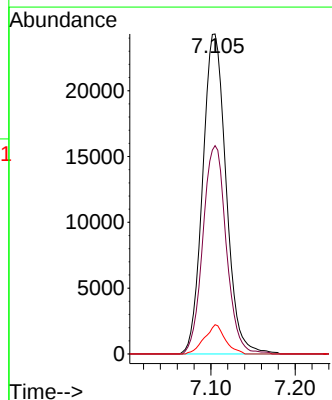
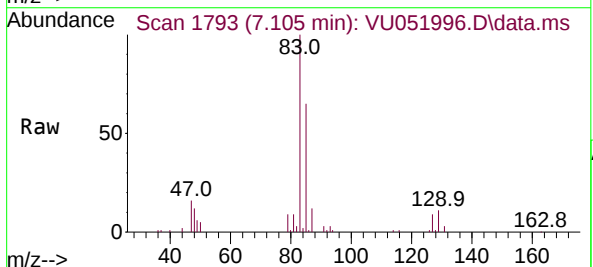
Tgt Ion: 83 Resp: 46980

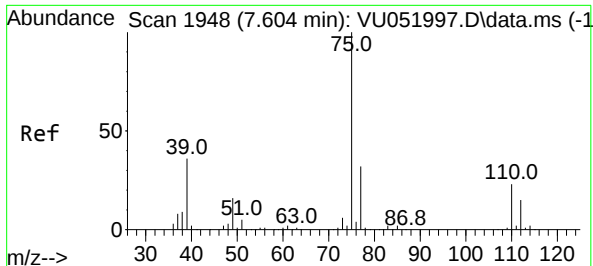
Ion Ratio Lower Upper

83 100

85 65.1 45.9 85.3

127 9.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 8.659 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

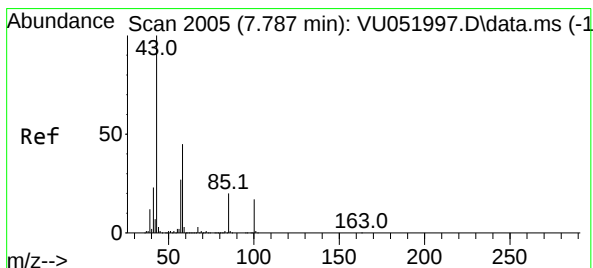
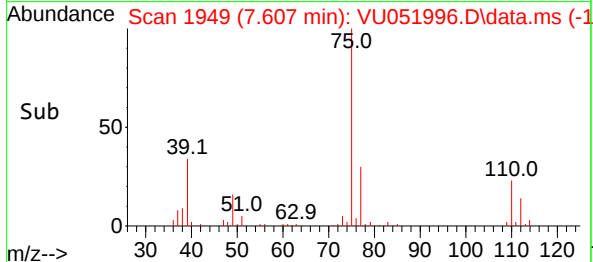
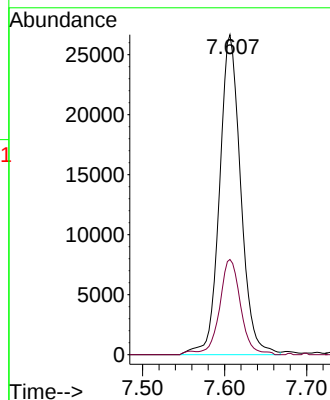
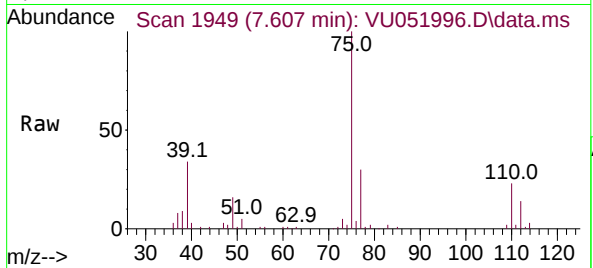
ClientSampleId :

Tgt Ion: 75 Resp: 47993

Ion Ratio Lower Upper

75 100

77 29.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 15.551 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

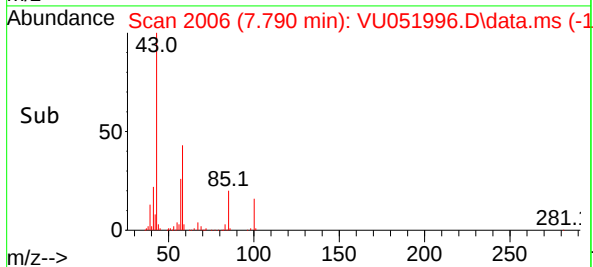
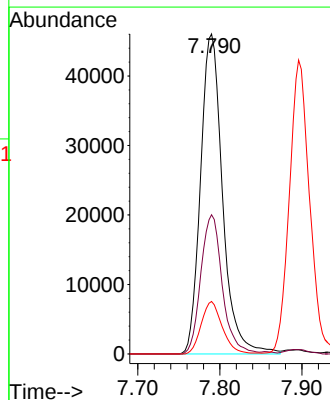
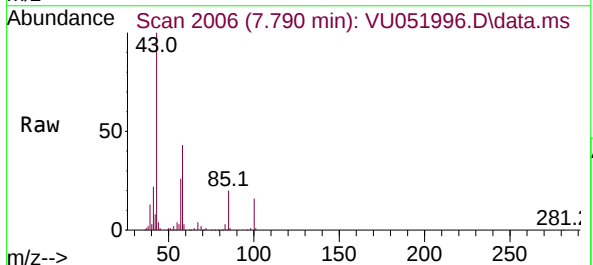
Tgt Ion: 43 Resp: 85939

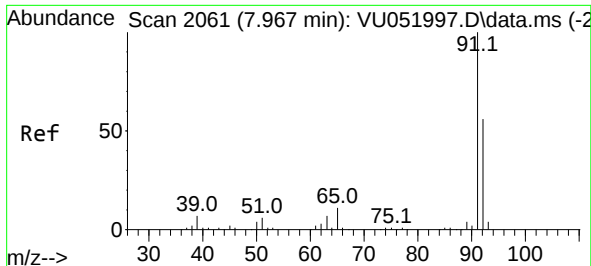
Ion Ratio Lower Upper

43 100

58 42.3 35.8 53.6

100 15.7 13.5 20.3





#42

Toluene

Concen: 8.593 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

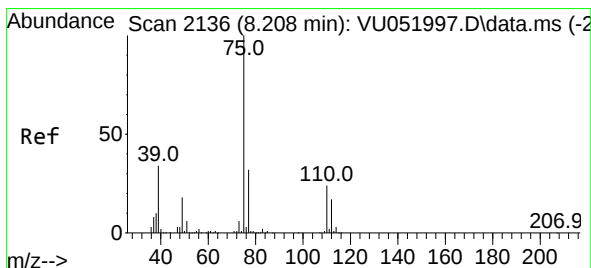
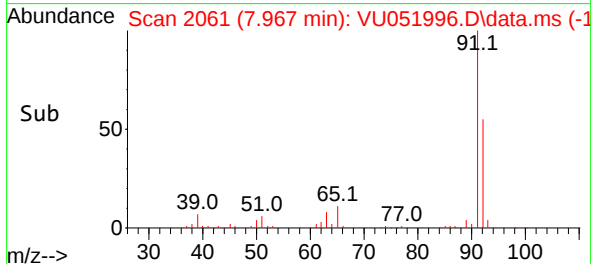
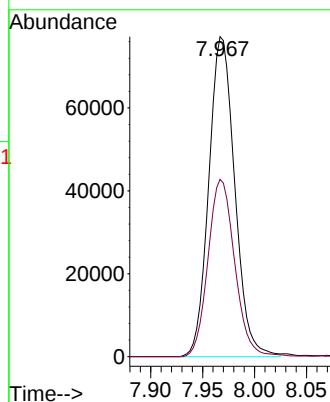
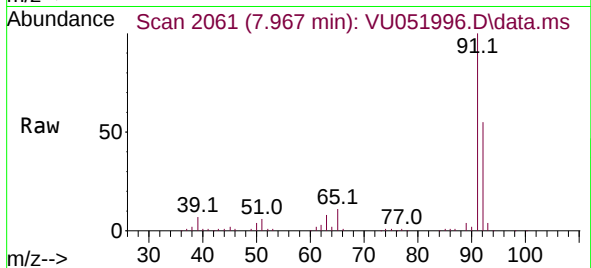
ClientSampleId :

Tgt Ion: 91 Resp: 134019

Ion Ratio Lower Upper

91 100

92 55.4 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 8.112 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051996.D

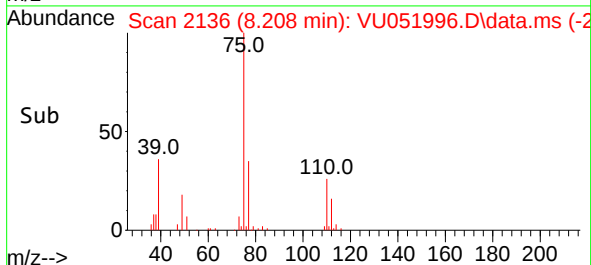
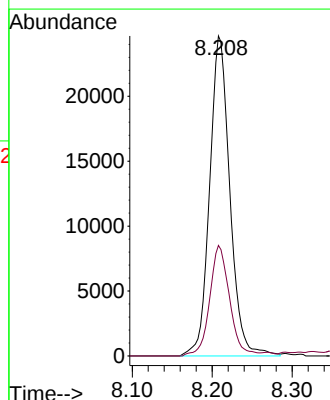
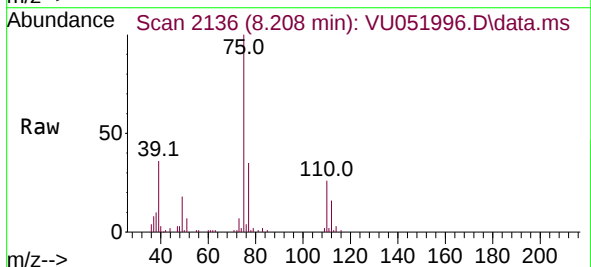
Acq: 21 Nov 2022 14:44

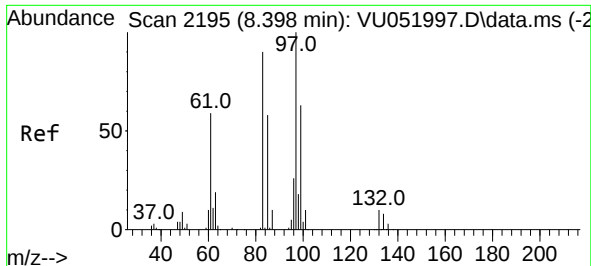
Tgt Ion: 75 Resp: 43323

Ion Ratio Lower Upper

75 100

77 34.5 22.7 42.1

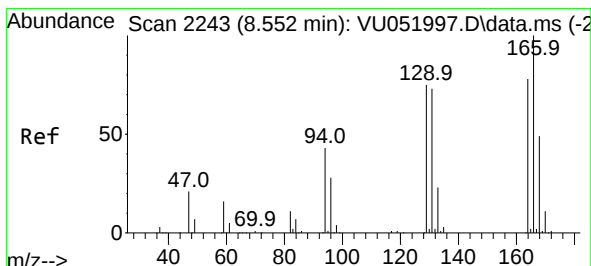
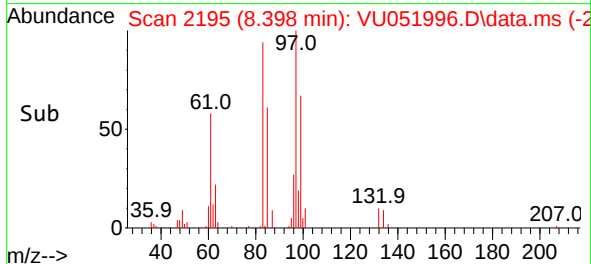
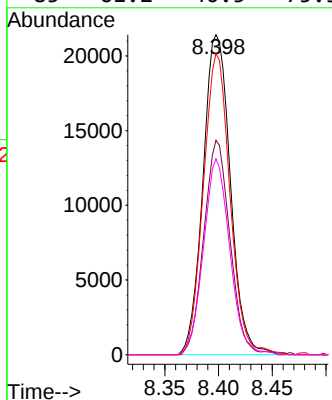
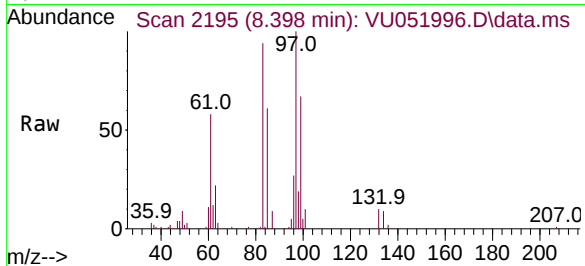




#45
1,1,2-Trichloroethane
Concen: 9.088 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

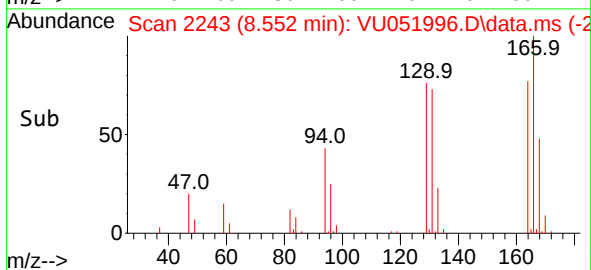
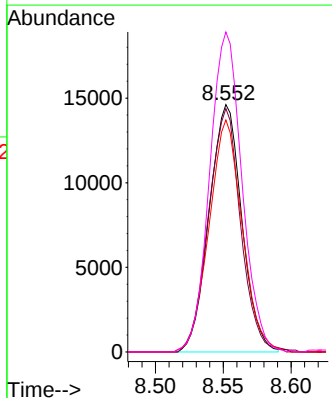
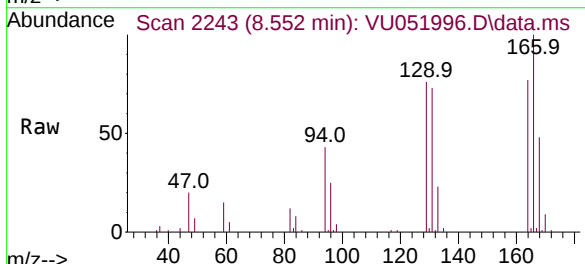
Instrument :
MSVOA_U
ClientSampleId :

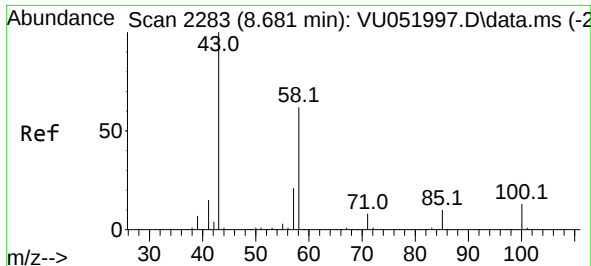
Tgt Ion:	97	Resp:	37955
Ion	Ratio	Lower	Upper
97	100		
99	67.0	44.4	82.4
83	94.1	63.2	117.4
85	61.2	40.5	75.3



#46
Tetrachloroethene
Concen: 9.004 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion:	164	Resp:	24434
Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.3	124.9
131	93.8	65.2	121.2
166	129.3	89.9	166.9

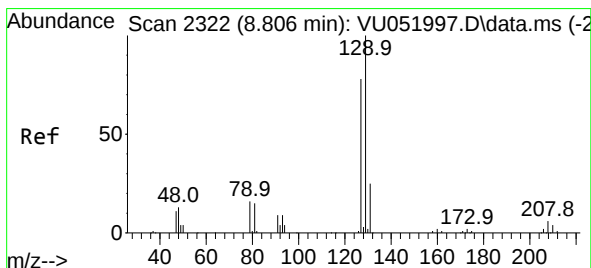
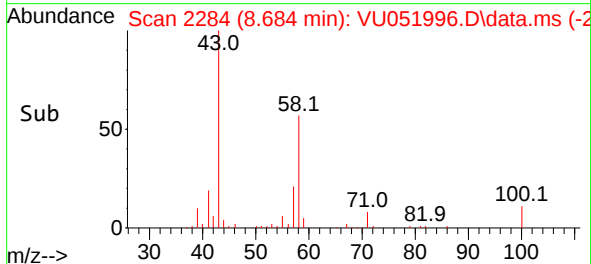
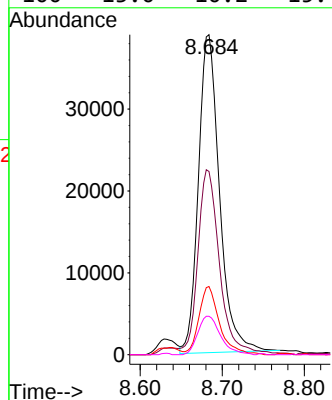
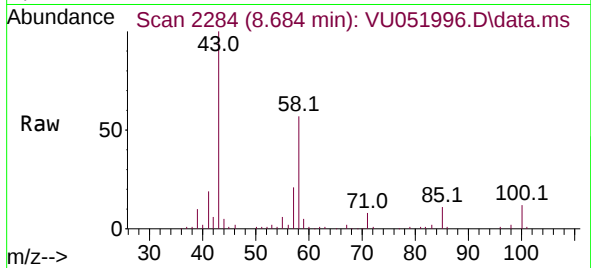




#48
2-Hexanone
Concen: 14.937 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

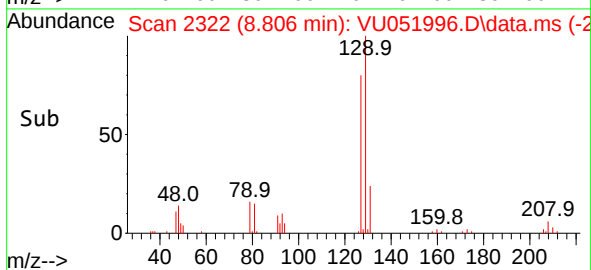
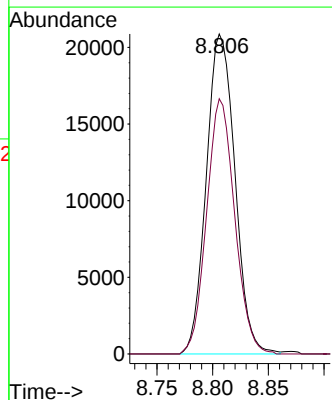
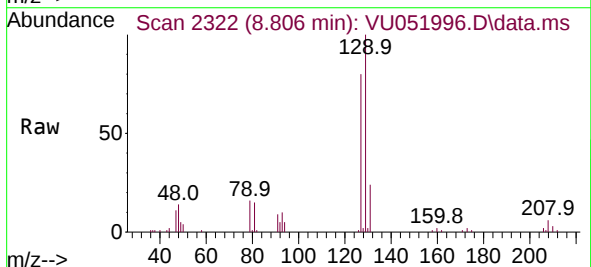
Instrument :
MSVOA_U
ClientSampleId :

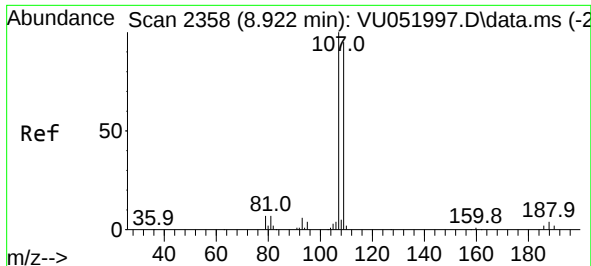
Tgt Ion:	43	Resp:	69590
Ion	Ratio	Lower	Upper
43	100		
58	58.3	49.6	74.4
57	19.1	16.8	25.2
100	13.0	10.2	15.4



#49
Dibromochloromethane
Concen: 8.738 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion:	129	Resp:	37412
Ion	Ratio	Lower	Upper
129	100		
127	79.7	54.5	101.1





#50

1,2-Dibromoethane

Concen: 8.768 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

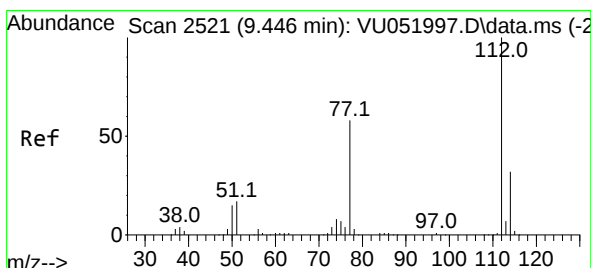
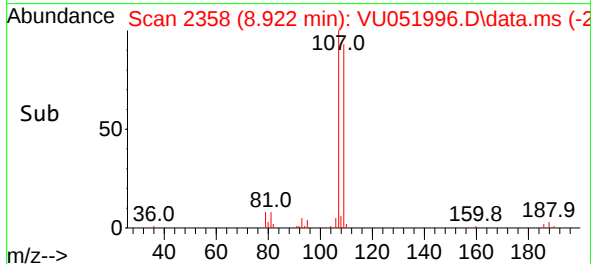
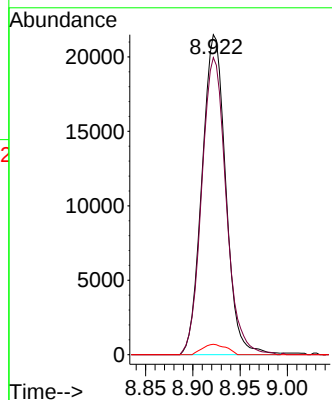
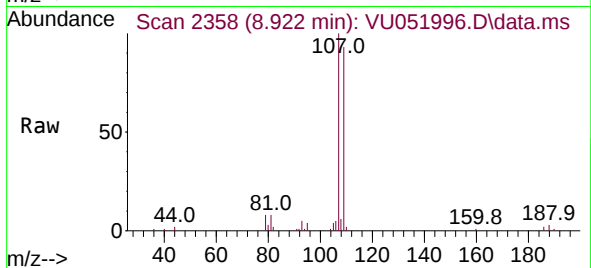
Tgt Ion:107 Resp: 37521

Ion Ratio Lower Upper

107 100

109 92.9 66.6 123.8

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 8.933 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

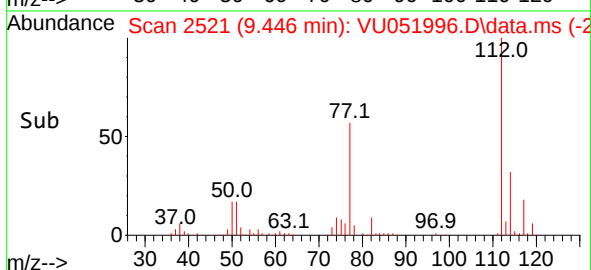
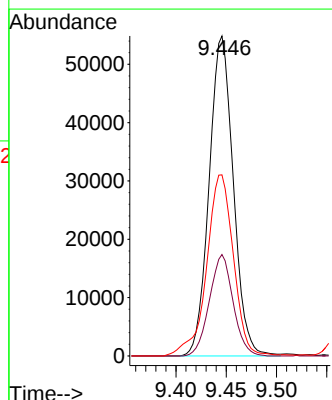
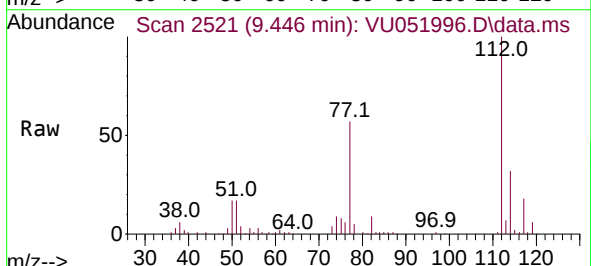
Tgt Ion:112 Resp: 91737

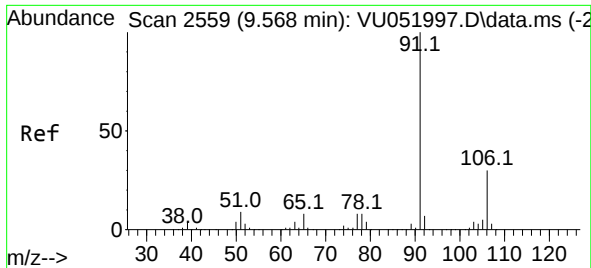
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 56.6 46.5 69.7

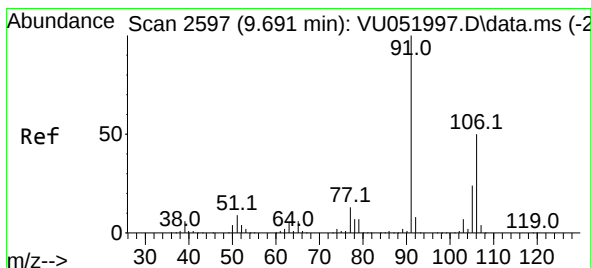
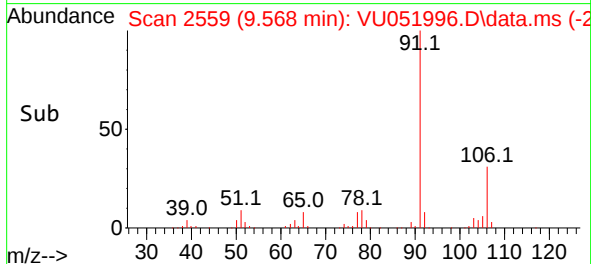
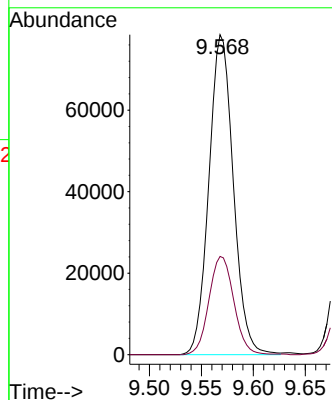
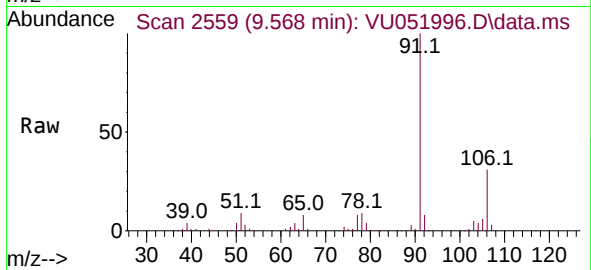




#52
Ethylbenzene
Concen: 8.145 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

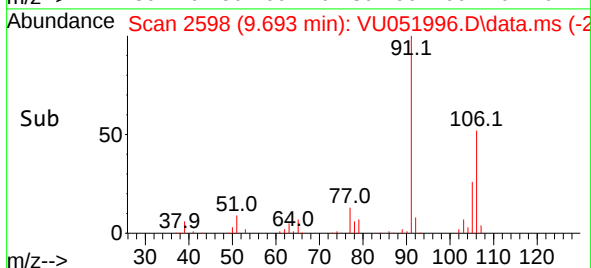
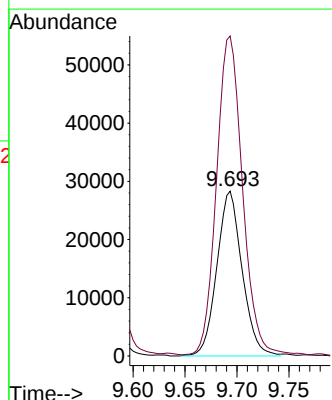
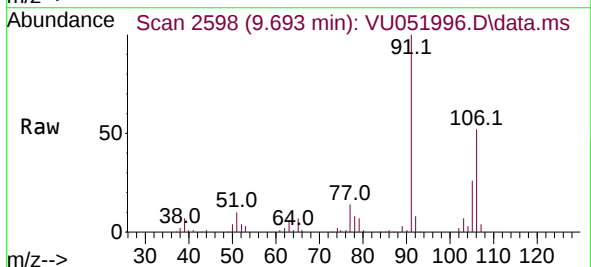
Instrument :
MSVOA_U
ClientSampleId :

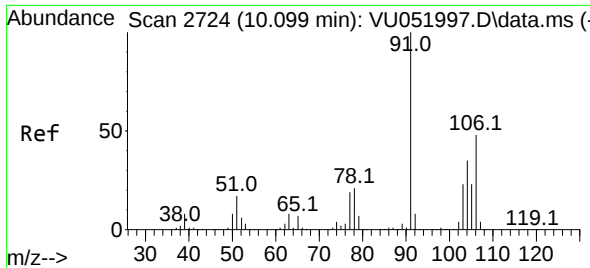
Tgt Ion: 91 Resp: 128351
Ion Ratio Lower Upper
91 100
106 30.7 21.2 39.4



#53
m,p-Xylene
Concen: 7.909 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion:106 Resp: 47887
Ion Ratio Lower Upper
106 100
91 194.2 140.3 260.6

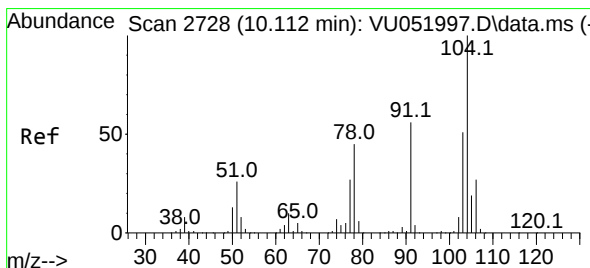
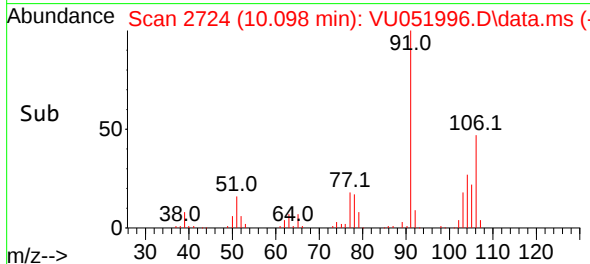
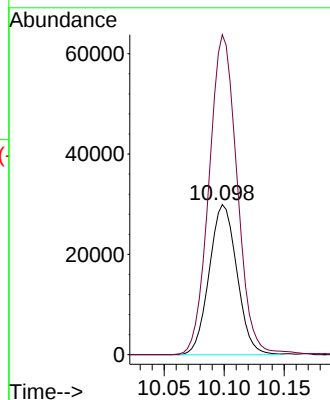
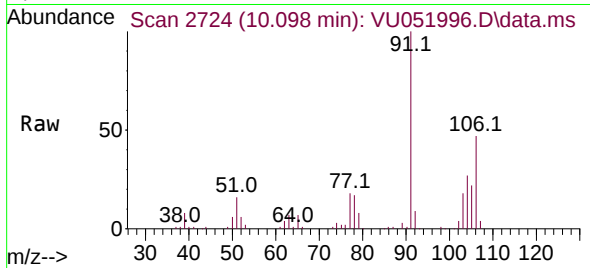




#54
o-Xylene
Concen: 7.922 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

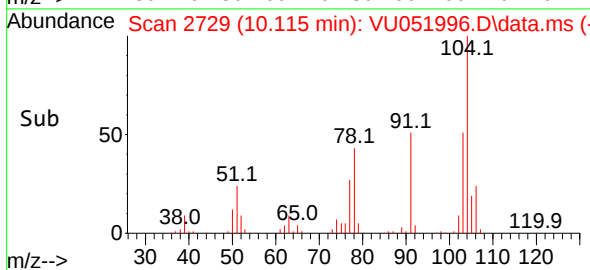
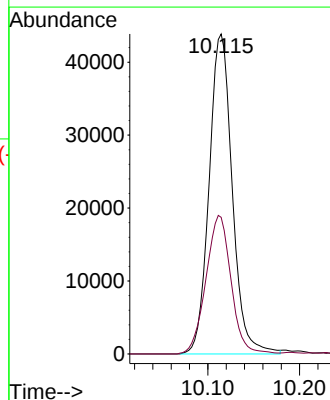
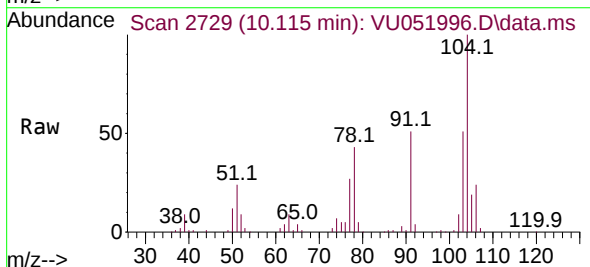
Instrument :
MSVOA_U
ClientSampleId :

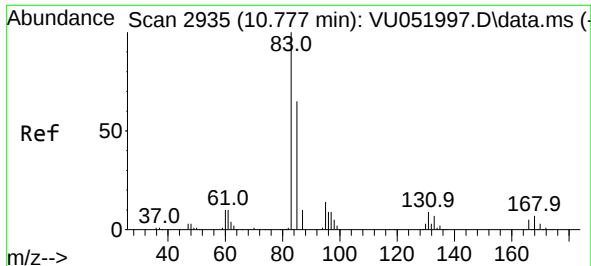
Tgt Ion:106 Resp: 48048
Ion Ratio Lower Upper
106 100
91 213.1 146.7 272.4



#55
Styrene
Concen: 7.397 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion:104 Resp: 77116
Ion Ratio Lower Upper
104 100
78 42.7 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 8.144 ug/L

RT: 10.780 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VU051996.D

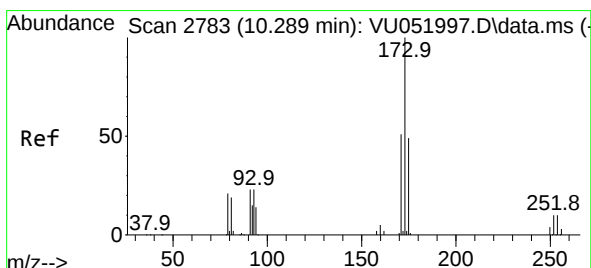
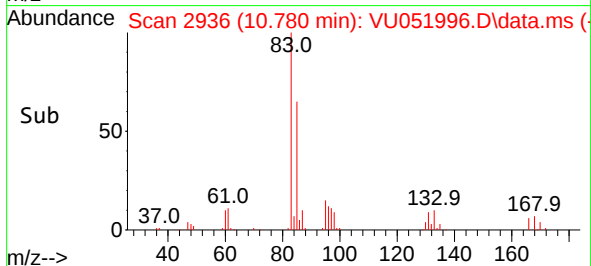
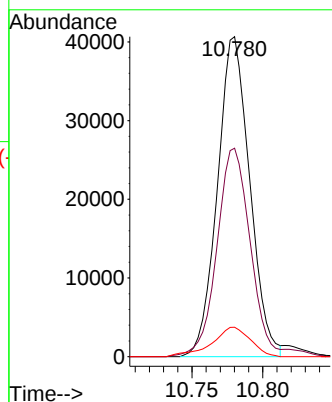
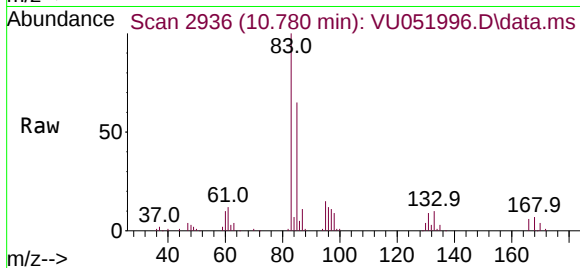
Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 64536
Ion Ratio	Lower Upper
83 100	
85 65.1	45.4 84.2
131 9.2	7.3 10.9



#59

Bromoform

Concen: 9.715 ug/L

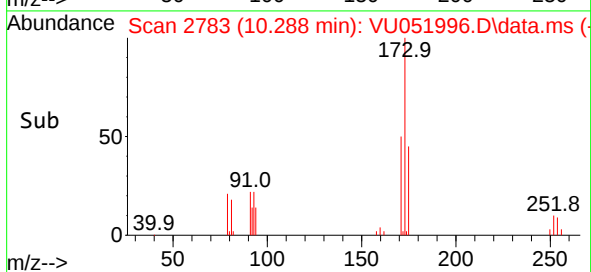
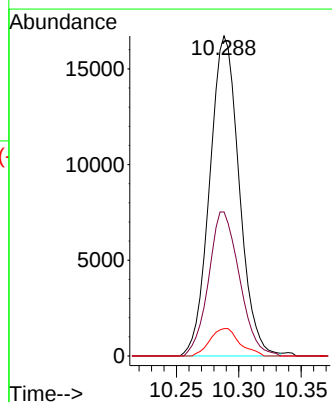
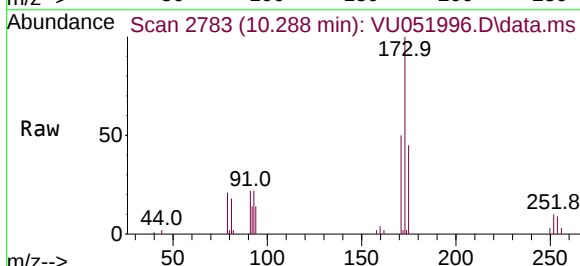
RT: 10.288 min Scan# 2783

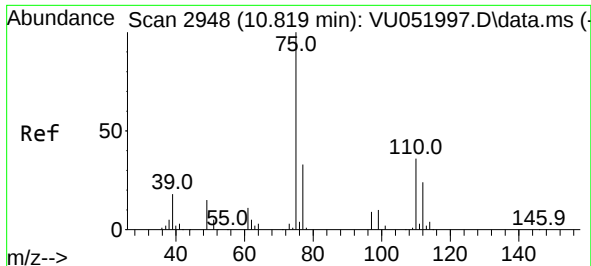
Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Tgt Ion: 173	Resp: 27541
Ion Ratio	Lower Upper
173 100	
175 47.1	39.8 59.6
254 8.6	7.5 11.3

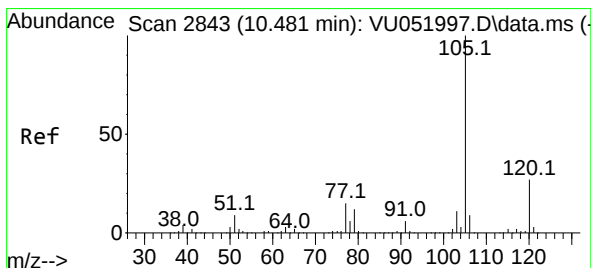
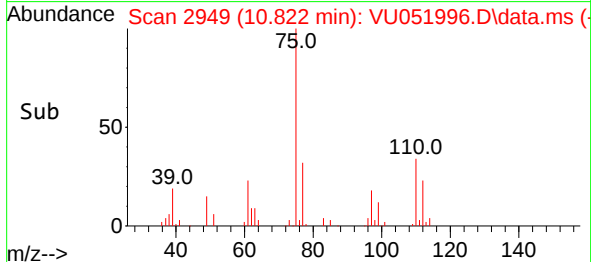
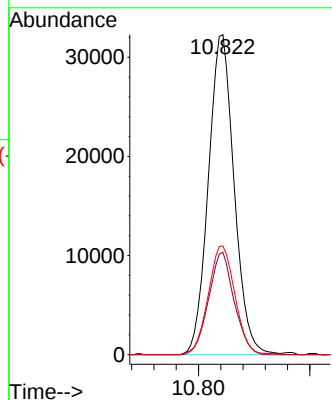
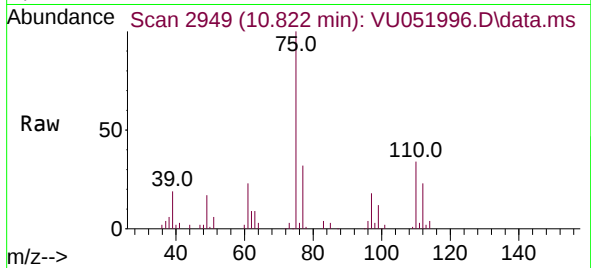




#60
1,2,3-Trichloropropane
Concen: 9.929 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

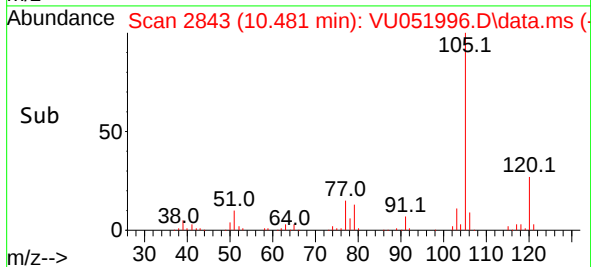
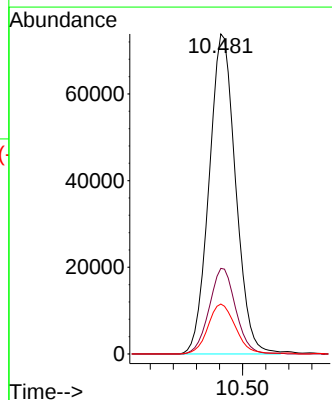
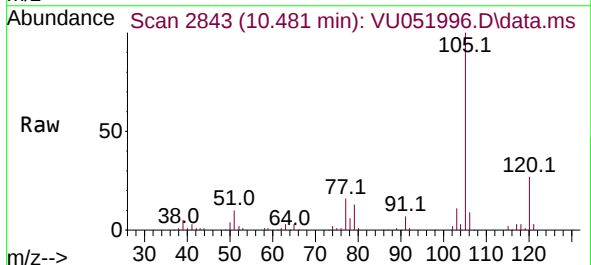
Instrument :
MSVOA_U
ClientSampleId :

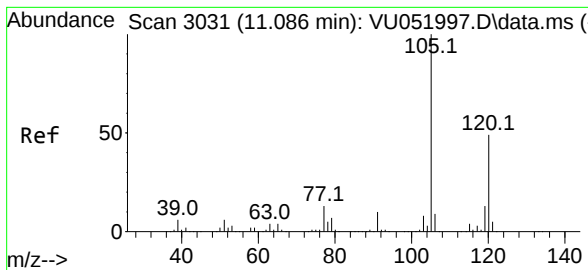
Tgt Ion: 75 Resp: 51860
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 34.9 29.0 43.4



#61
Isopropylbenzene
Concen: 9.167 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion: 105 Resp: 117826
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 16.2 12.4 18.6

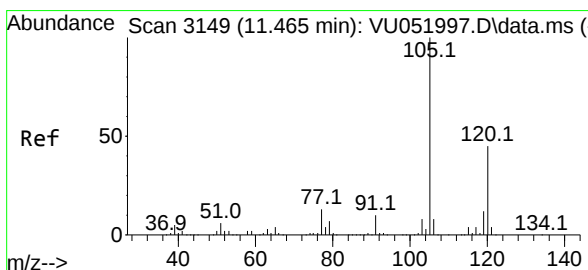
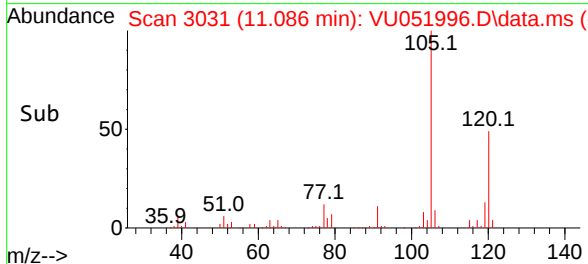
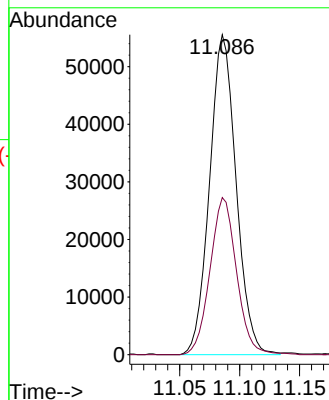
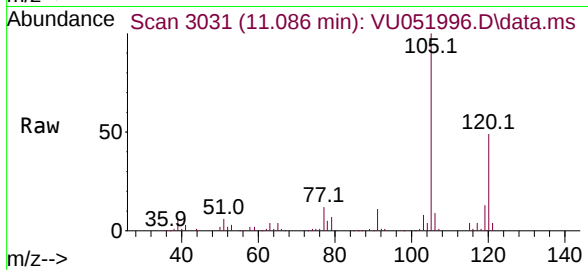




#62
 1,3,5-Trimethylbenzene
 Concen: 7.936 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051996.D
 Acq: 21 Nov 2022 14:44

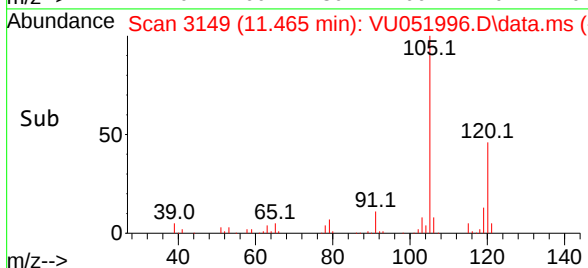
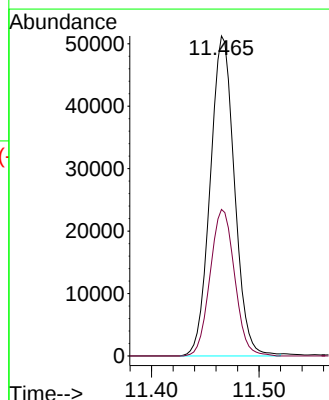
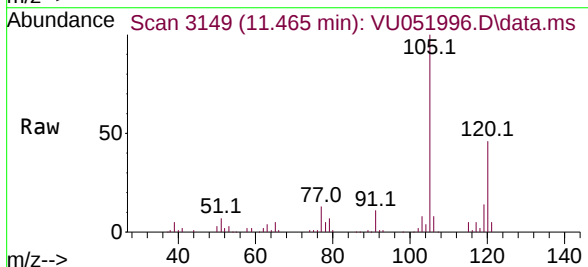
Instrument :
 MSVOA_U
 ClientSampleId :

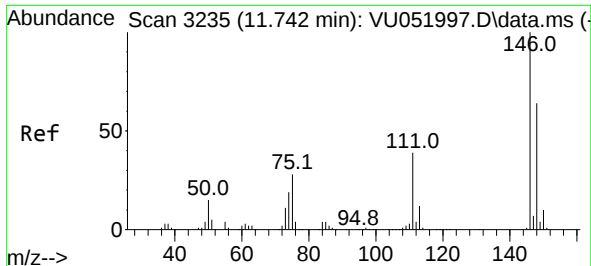
Tgt Ion:105 Resp: 85502
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 7.618 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051996.D
 Acq: 21 Nov 2022 14:44

Tgt Ion:105 Resp: 80388
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.1 54.1

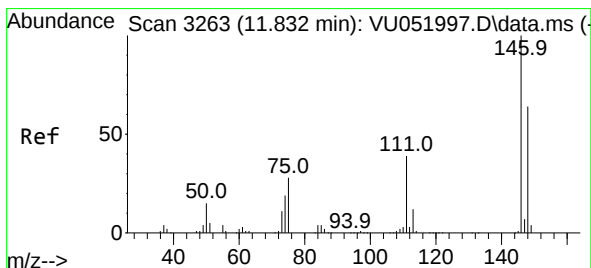
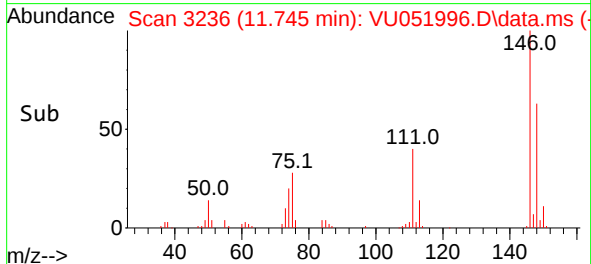
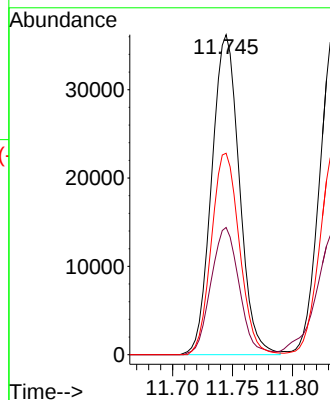
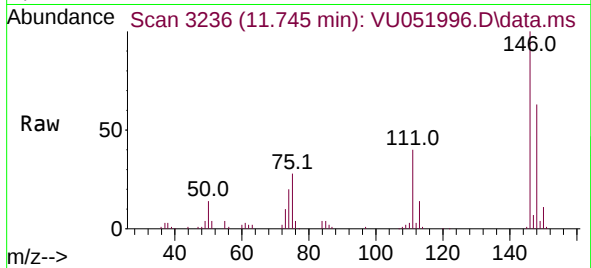




#64
1,3-Dichlorobenzene
Concen: 8.945 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

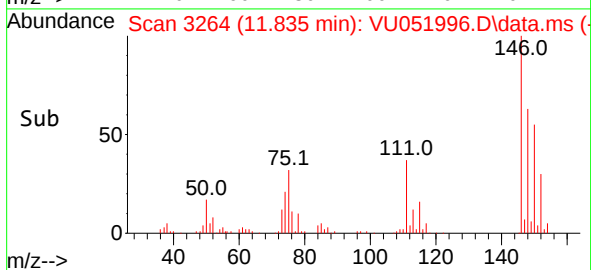
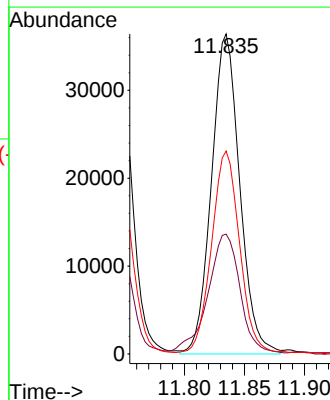
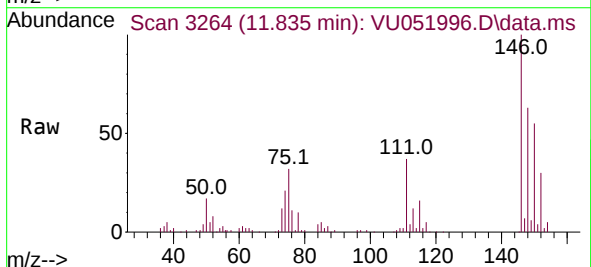
Instrument :
MSVOA_U
ClientSampleId :

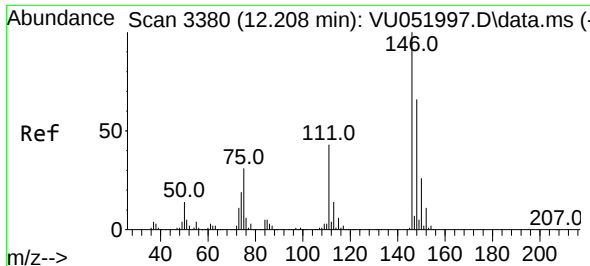
Tgt Ion:146 Resp: 58055
Ion Ratio Lower Upper
146 100
111 39.8 27.5 51.1
148 63.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 8.982 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion:146 Resp: 59728
Ion Ratio Lower Upper
146 100
111 37.4 27.6 51.2
148 63.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 9.158 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

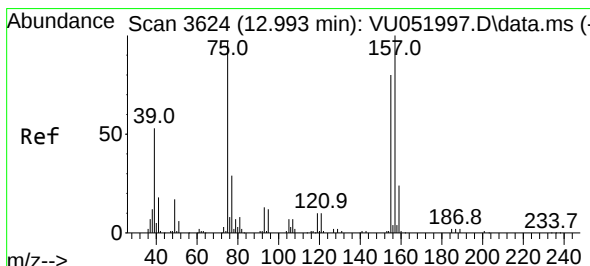
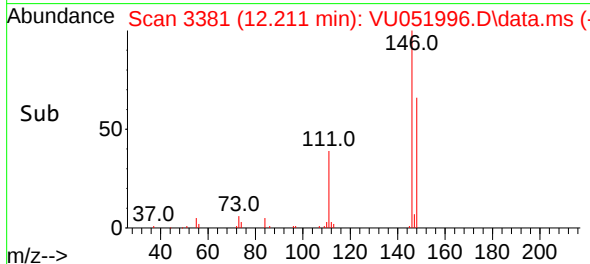
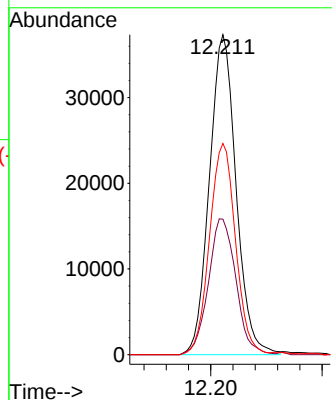
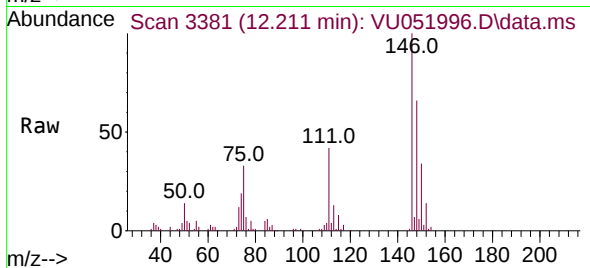
Tgt Ion:146 Resp: 62124

Ion Ratio Lower Upper

146 100

111 42.4 34.2 51.4

148 66.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 8.351 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

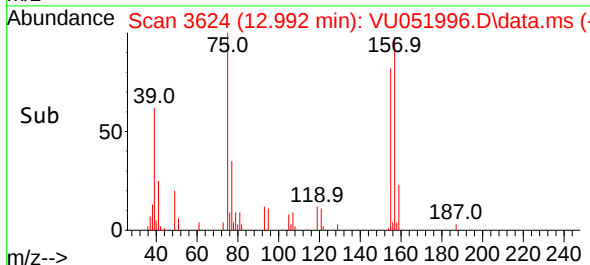
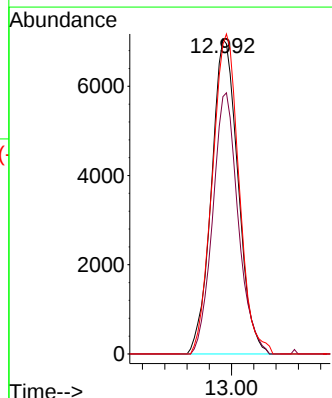
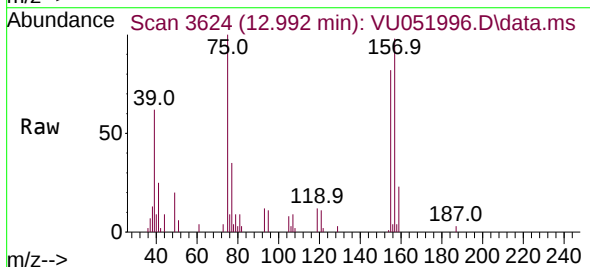
Tgt Ion: 75 Resp: 11669

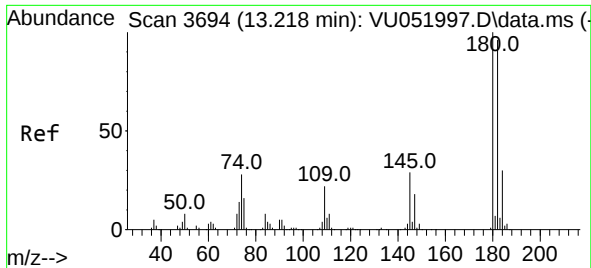
Ion Ratio Lower Upper

75 100

155 81.8 66.3 99.5

157 98.3 82.8 124.2





#69

1,3,5-Trichlorobenzene

Concen: 8.587 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 37210

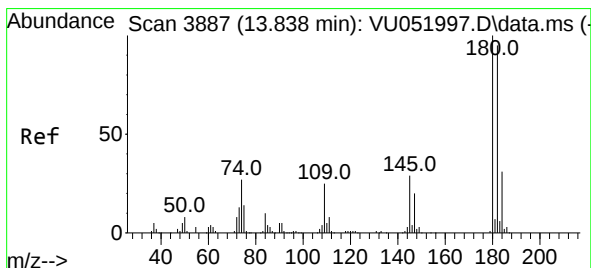
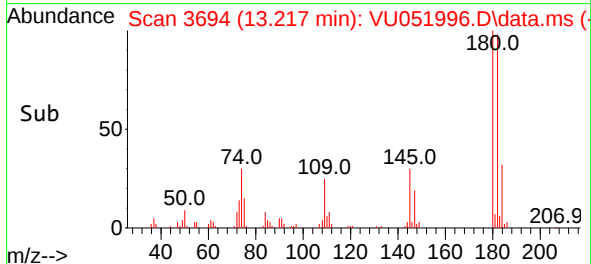
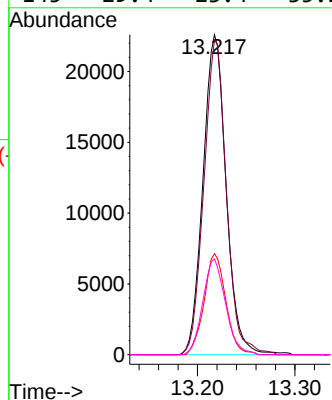
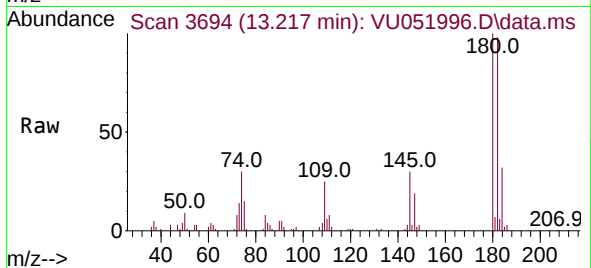
Ion Ratio Lower Upper

180 100

182 96.0 77.2 115.8

184 29.6 24.6 36.8

145 29.4 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 8.229 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051996.D

Acq: 21 Nov 2022 14:44

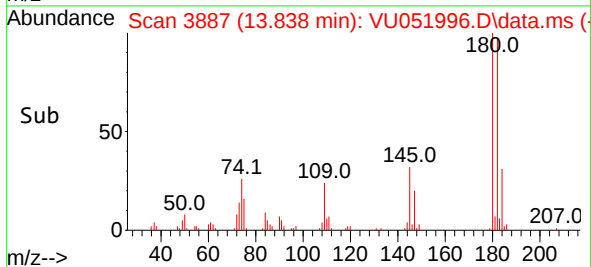
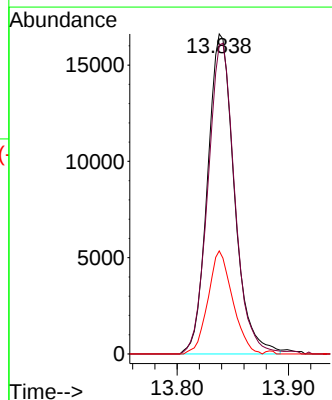
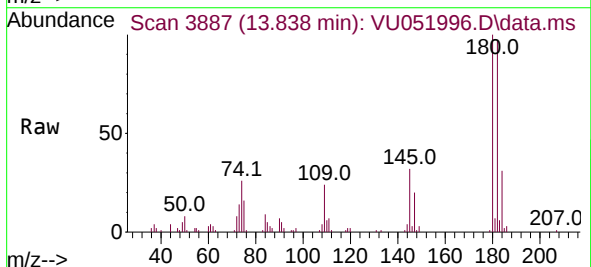
Tgt Ion:180 Resp: 27737

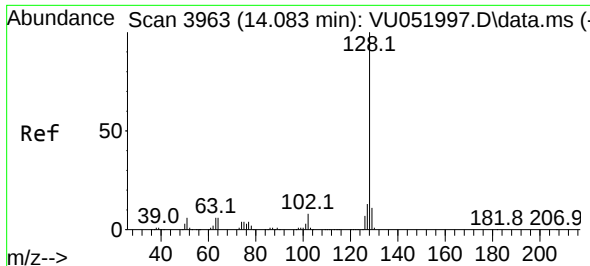
Ion Ratio Lower Upper

180 100

182 97.0 75.4 113.2

145 29.6 23.4 35.0

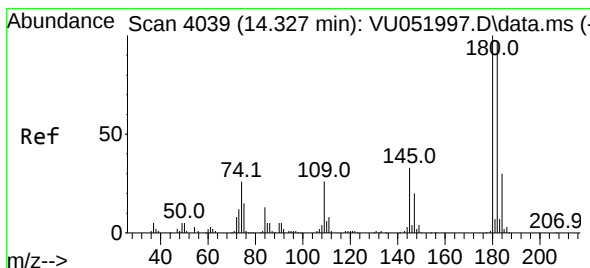
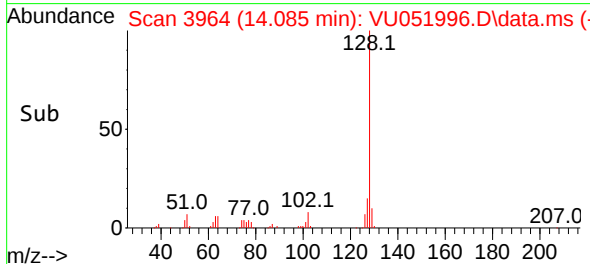
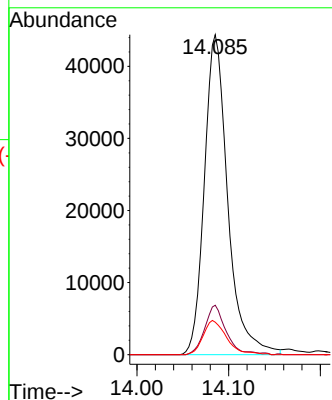
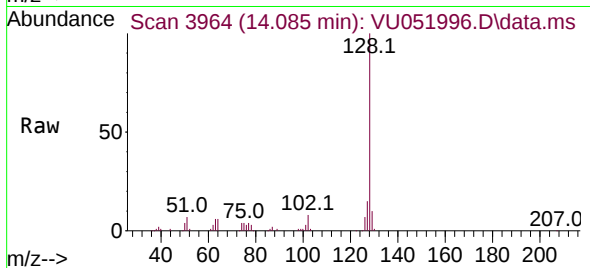




#71
Naphthalene
Concen: 7.248 ug/L
RT: 14.085 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	78857
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.3 15.5
129	10.7	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 8.334 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051996.D
Acq: 21 Nov 2022 14:44

Tgt Ion:180	Resp:	30006
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.1 114.1
145	33.2	25.8 38.6

