

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051651.D
 Acq On : 01 Nov 2022 11:10
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 01:43:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	242532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	126014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99853	5.467	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.400%		
7) Chloroethane-d5	1.909	69	84861	4.455	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 89.000%		
11) 1,1-Dichloroethene-d2	2.562	65	40223	6.067	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 121.400%		
20) 2-Butanone-d5	4.623	46	241118	36.449	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 72.900%		
24) Chloroform-d	5.063	84	195659	4.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 91.600%		
26) 1,2-Dichloroethane-d4	5.700	65	95901	4.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.000%		
32) Benzene-d6	5.726	84	400521	5.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.200%		
36) 1,2-Dichloropropane-d6	6.690	67	127113	4.862	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 97.200%		
41) Toluene-d8	7.896	98	370169	6.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 126.000%		
43) trans-1,3-Dichloroprop...	8.179	79	46347	5.798	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 116.000%		
46) 2-Hexanone-d5	8.632	63	221560	46.044	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 92.080%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	105595	4.408	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 88.200%		
66) 1,2-Dichlorobenzene-d4	12.192	152	127360	5.507	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	131279	4.949	ug/L	99
3) Chloromethane	1.527	50	140660	4.207	ug/L	99
5) Vinyl chloride	1.604	62	147513	4.606	ug/L	84
6) Bromomethane	1.851	94	80821	5.322	ug/L	97
8) Chloroethane	1.932	64	89959	4.625	ug/L	100
9) Trichlorofluoromethane	2.137	101	173246	4.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	104481	5.055	ug/L	97
12) 1,1-Dichloroethene	2.578	96	104260	4.945	ug/L	95
13) Acetone	2.629	43	160414	47.792	ug/L	98
14) Carbon disulfide	2.790	76	317376	4.669	ug/L	99
15) Methyl Acetate	2.954	43	42040	4.784	ug/L	94
16) Methylene chloride	3.044	84	139474	4.039	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	260045	5.379	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	111202	4.914	ug/L	98
19) 1,1-Dichloroethane	3.867	63	205611	4.926	ug/L	98
21) 2-Butanone	4.703	43	274088	52.144	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	126844	5.066	ug/L	99
23) Bromochloromethane	4.973	128	56661	4.840	ug/L	93
25) Chloroform	5.086	83	210635	4.865	ug/L	97

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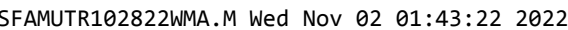
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 ClientSampleId :

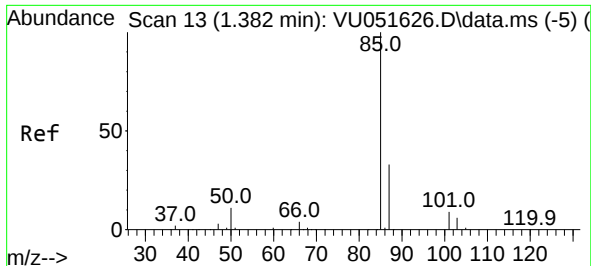
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	128581	4.826	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	168027	5.224	ug/L	98
30) Cyclohexane	5.385	56	165630	5.592	ug/L	99
31) Carbon tetrachloride	5.523	117	140326	5.101	ug/L	98
33) Benzene	5.774	78	487354	5.213	ug/L	100
34) Trichloroethene	6.542	95	118218	5.240	ug/L	99
35) Methylcyclohexane	6.761	83	178078	5.708	ug/L	98
37) 1,2-Dichloropropane	6.790	63	124919	5.195	ug/L	100
38) Bromodichloromethane	7.105	83	151607	5.162	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	171454	5.558	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	670537	55.595	ug/L	99
42) Toluene	7.967	91	541721	5.642	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	140643	5.455	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	92590	5.255	ug/L	99
47) Tetrachloroethene	8.552	164	90147	5.217	ug/L	95
48) 2-Hexanone	8.684	43	488158	54.679	ug/L	98
49) Dibromochloromethane	8.809	129	104376	5.185	ug/L	97
50) 1,2-Dibromoethane	8.922	107	84166	5.294	ug/L	93
51) Chlorobenzene	9.446	112	324389	5.368	ug/L	99
52) Ethylbenzene	9.568	91	516053	5.570	ug/L	100
53) m,p-Xylene	9.693	106	206728	5.745	ug/L	98
54) o-Xylene	10.099	106	202057	5.746	ug/L	99
55) Styrene	10.111	104	333664	5.675	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	114300	5.231	ug/L	98
59) Bromoform	10.288	173	58586	5.032	ug/L	99
60) Isopropylbenzene	10.481	105	503155	5.469	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	78900	4.842	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	138974	5.611	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	395813	5.543	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	237829	5.193	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	236755	5.156	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	229904	5.154	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	17058	5.084	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	170063	5.210	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	132601	5.291	ug/L	99
71) Naphthalene	14.086	128	258180	5.519	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	132667	5.242	ug/L	99

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

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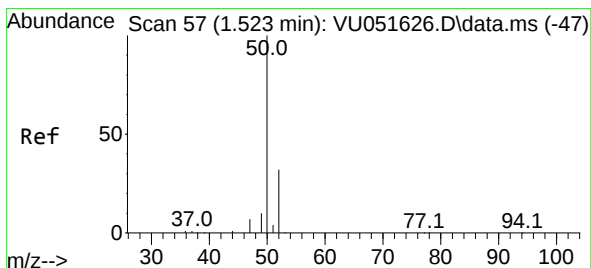
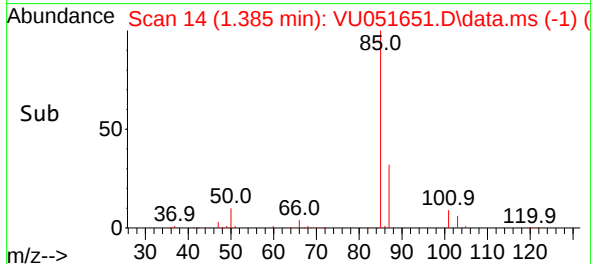
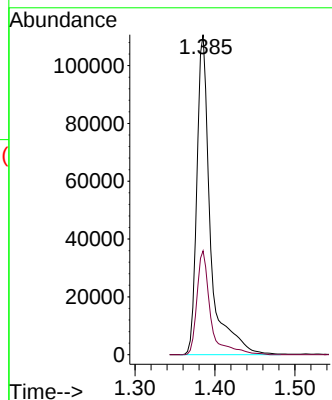
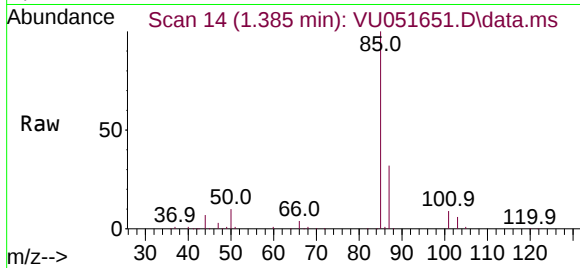




#2
Dichlorodifluoromethane
Concen: 4.949 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

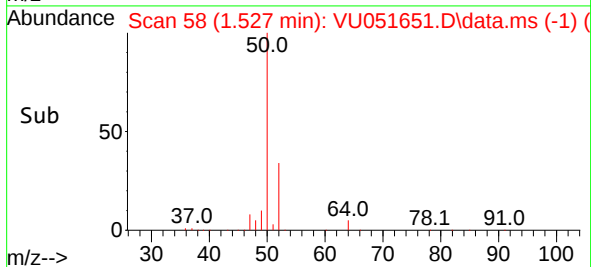
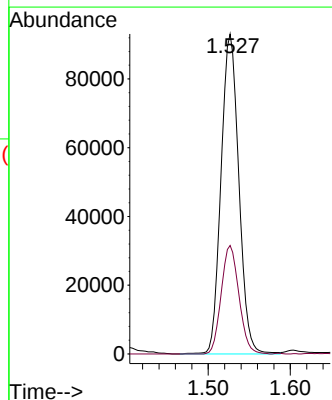
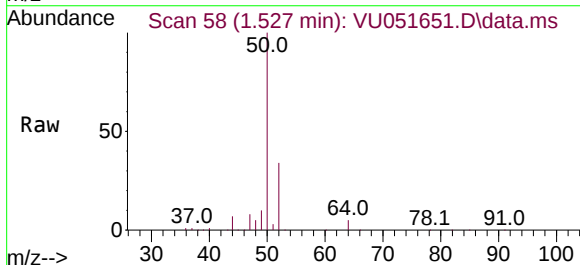
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MSVOA_U
ClientSampleId :

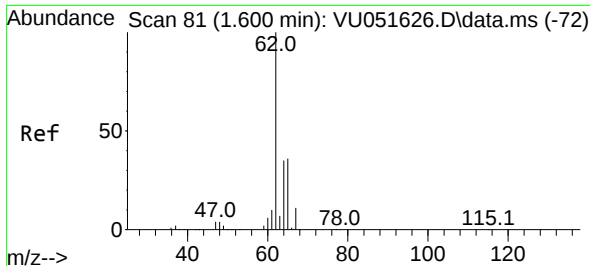
Tgt Ion: 85 Resp: 131279
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5



#3
Chloromethane
Concen: 4.207 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 50 Resp: 140660
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2

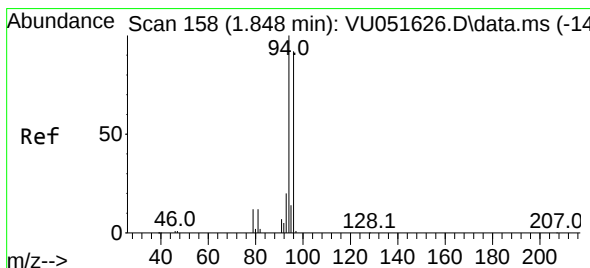
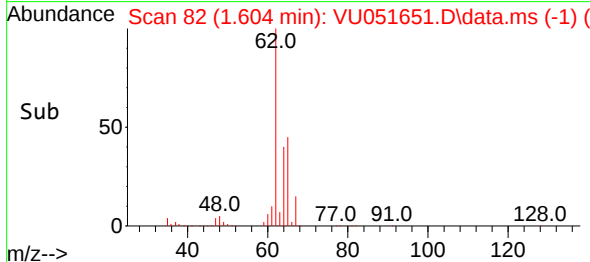
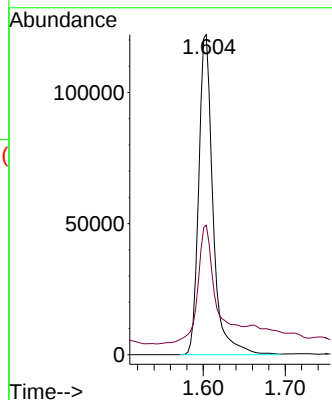
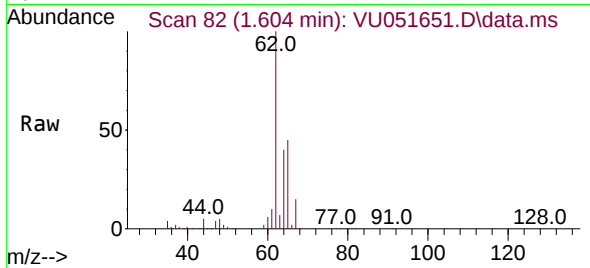




#5
 Vinyl chloride
 Concen: 4.606 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

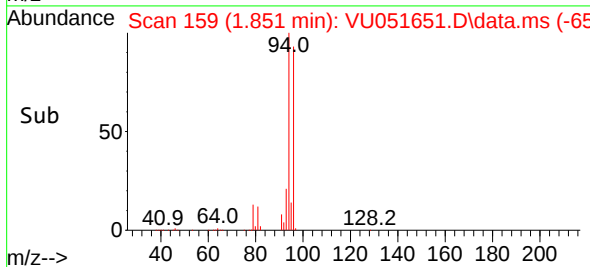
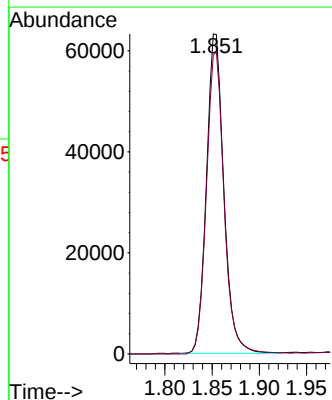
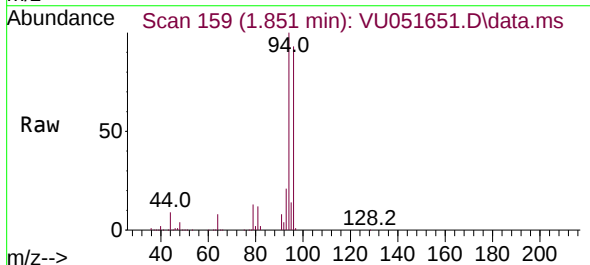
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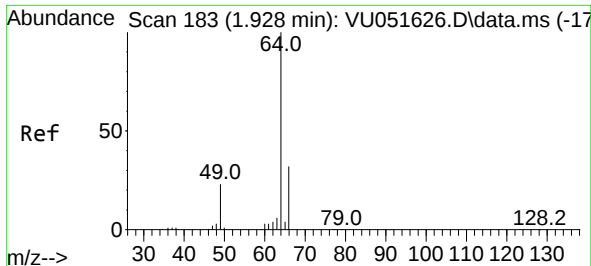
Tgt Ion: 62 Resp: 147513
 Ion Ratio Lower Upper
 62 100
 64 40.5 22.1 41.1



#6
 Bromomethane
 Concen: 5.322 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

Tgt Ion: 94 Resp: 80821
 Ion Ratio Lower Upper
 94 100
 96 93.4 63.2 117.4

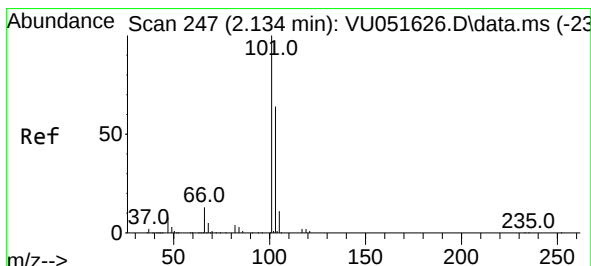
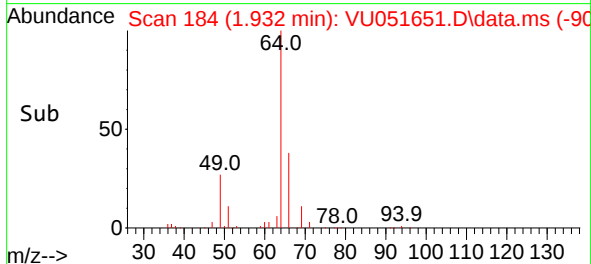
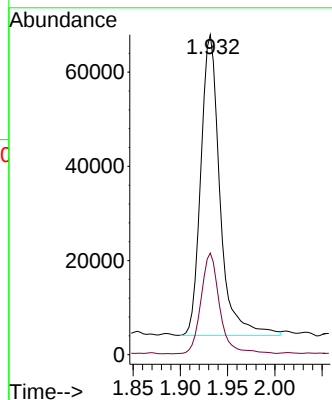
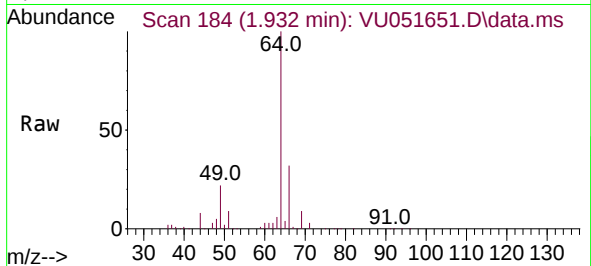




#8
Chloroethane
Concen: 4.625 ug/L
RT: 1.932 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

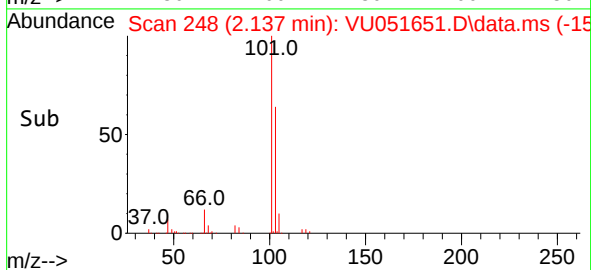
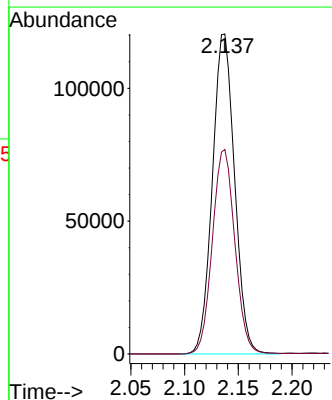
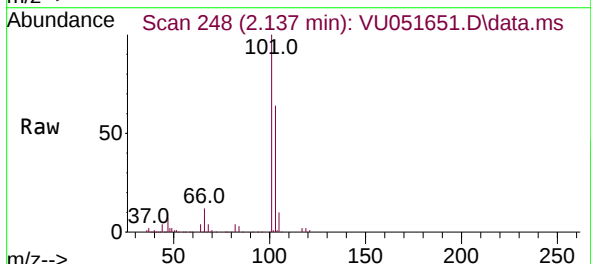
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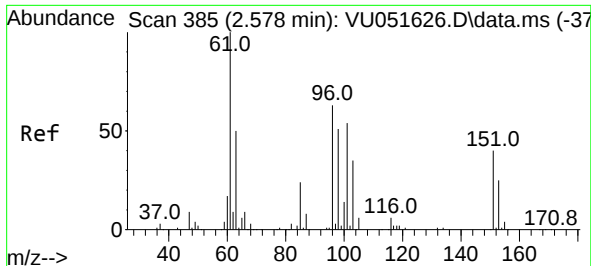
Tgt Ion: 64 Resp: 89959
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.928 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 101 Resp: 173246
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

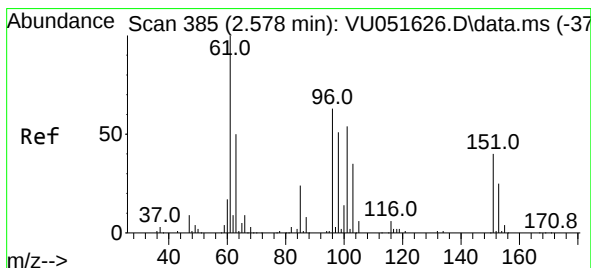
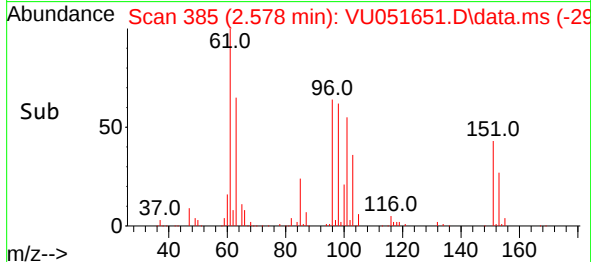
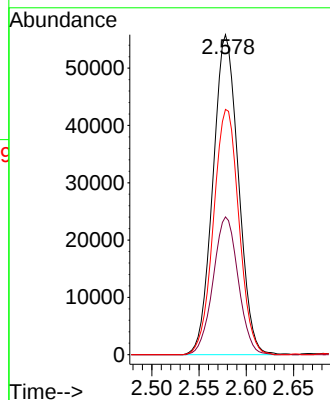
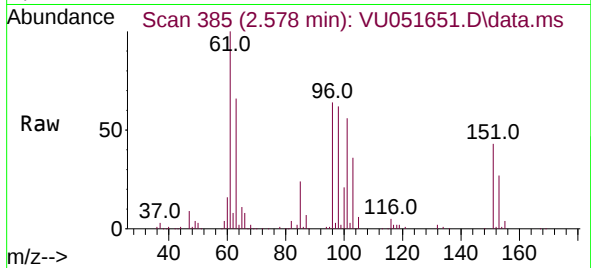




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.055 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

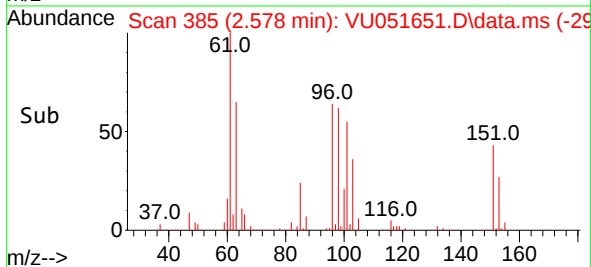
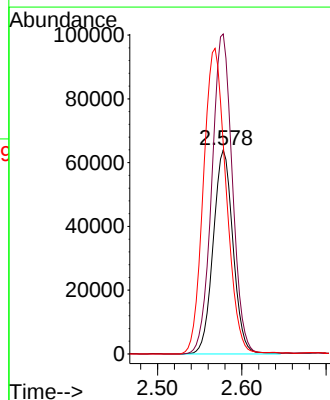
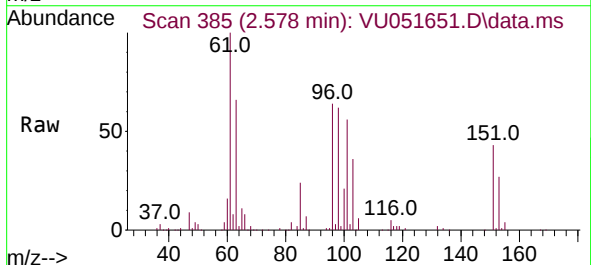
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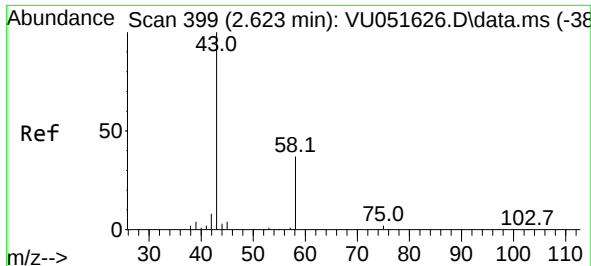
Tgt Ion:101 Resp: 104481
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.6 53.4
 151 76.7 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.945 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

Tgt Ion: 96 Resp: 104260
 Ion Ratio Lower Upper
 96 100
 61 156.9 108.8 202.0
 63 103.0 64.9 120.5





#13

Acetone

Concen: 47.792 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Instrument :

MSVOA_U

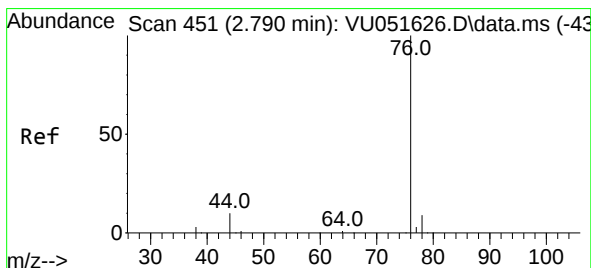
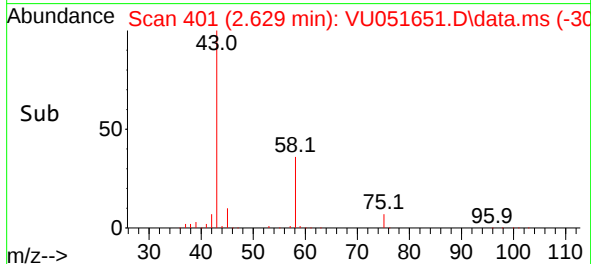
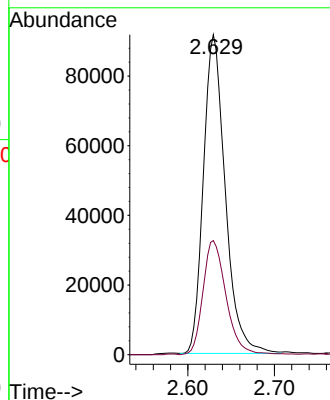
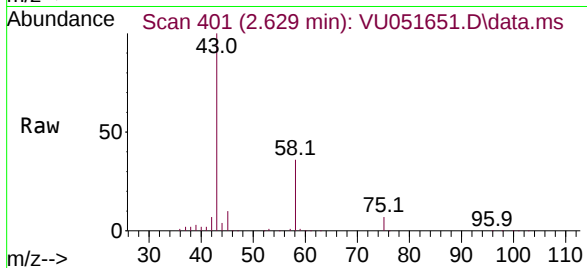
ClientSampleId :

Tgt Ion: 43 Resp: 160414

Ion Ratio Lower Upper

43 100

58 38.0 0.0 73.8



#14

Carbon disulfide

Concen: 4.669 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051651.D

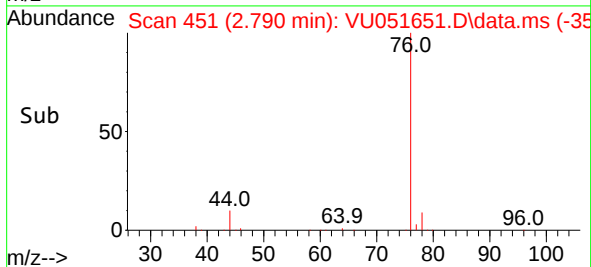
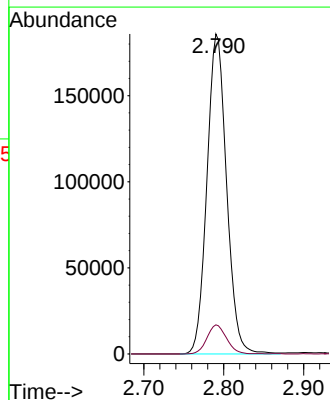
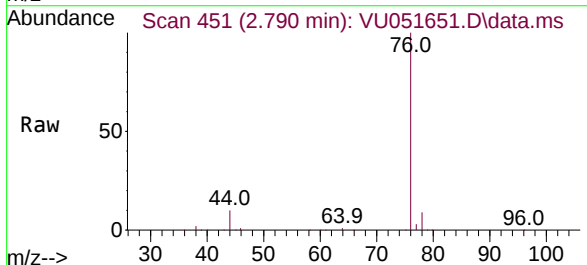
Acq: 01 Nov 2022 11:10

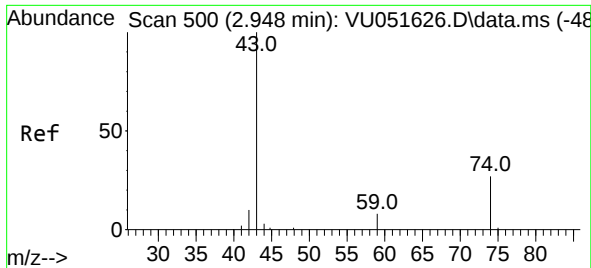
Tgt Ion: 76 Resp: 317376

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

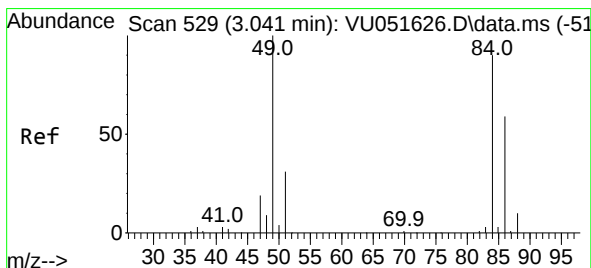
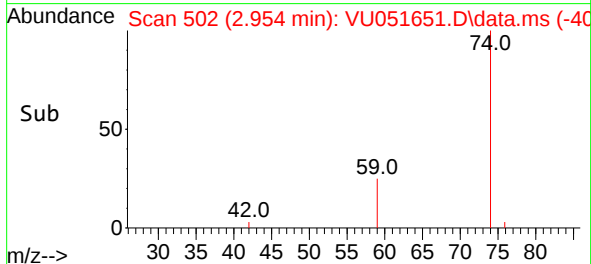
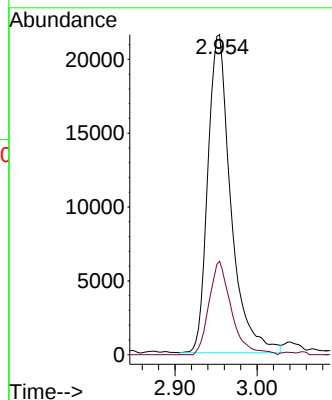
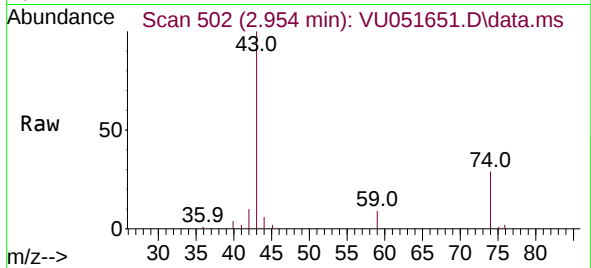




#15
Methyl Acetate
Concen: 4.784 ug/L
RT: 2.954 min Scan# 50
Delta R.T. 0.006 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

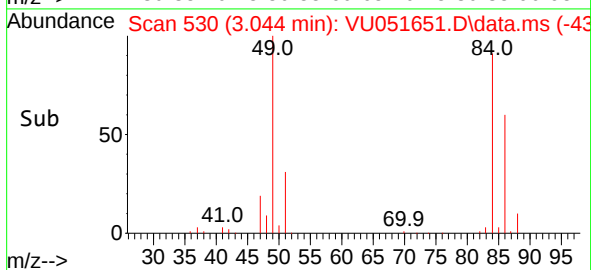
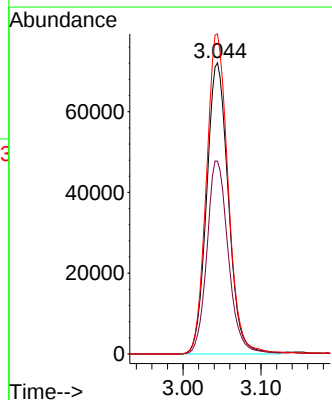
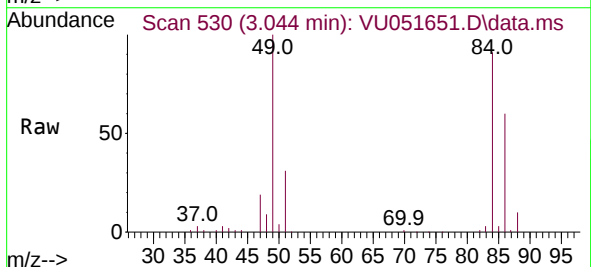
Instrument :
MSVOA_U
ClientSampleId :

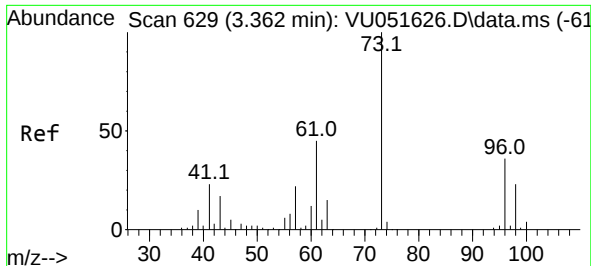
Tgt Ion: 43 Resp: 42040
Ion Ratio Lower Upper
43 100
74 28.4 20.2 30.4



#16
Methylene chloride
Concen: 4.039 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 84 Resp: 139474
Ion Ratio Lower Upper
84 100
86 66.2 46.3 85.9
49 109.9 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.379 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

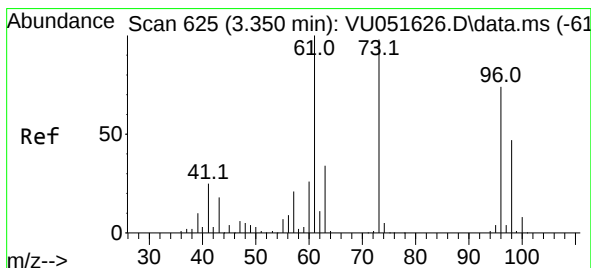
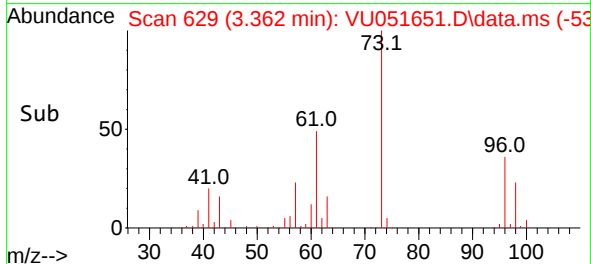
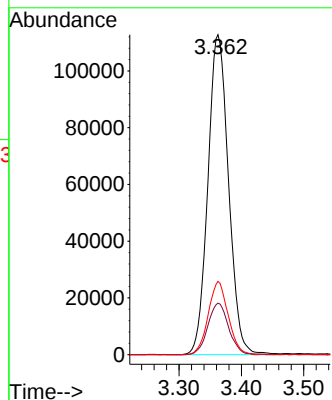
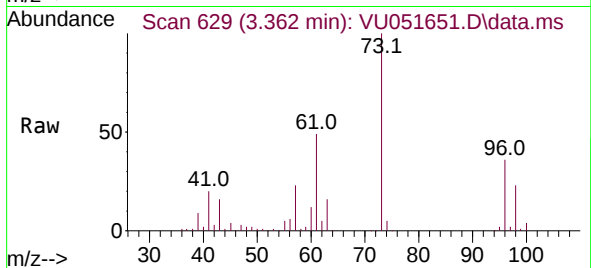
Tgt Ion: 73 Resp: 260045

Ion Ratio Lower Upper

73 100

43 16.3 13.6 20.4

57 22.1 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.914 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

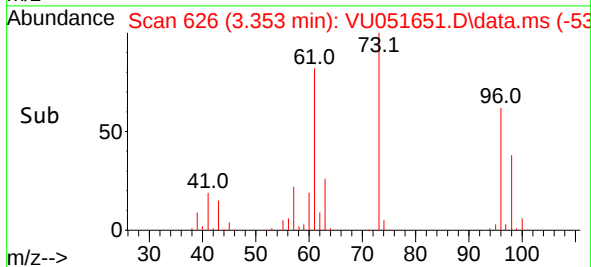
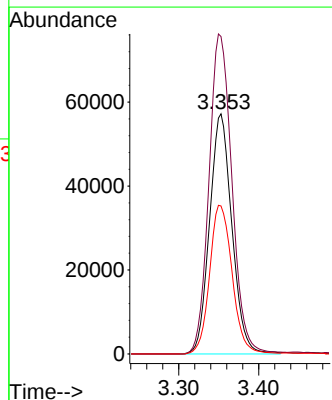
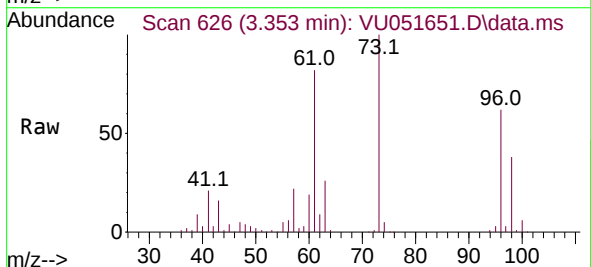
Tgt Ion: 96 Resp: 111202

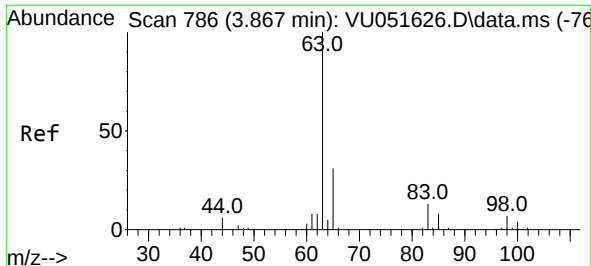
Ion Ratio Lower Upper

96 100

61 132.2 94.7 175.9

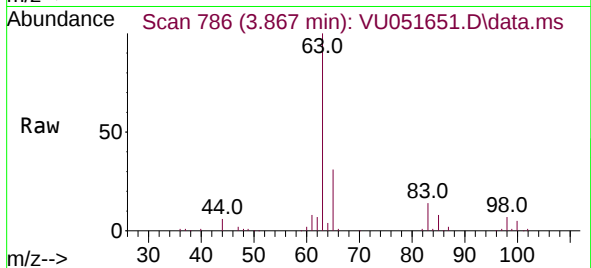
98 61.6 44.2 82.0



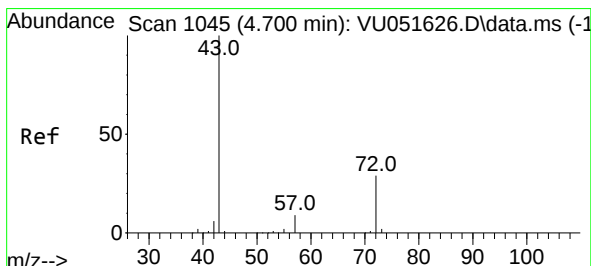
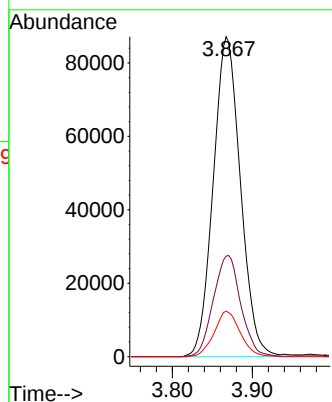
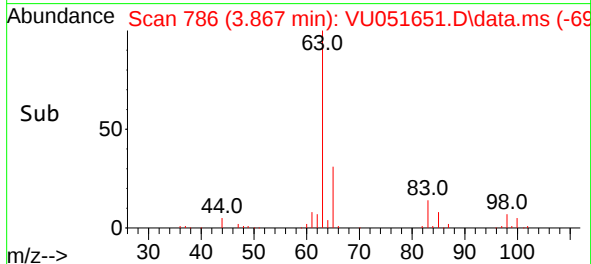


#19
1,1-Dichloroethane
Concen: 4.926 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Instrument :
MSVOA_U
ClientSampleId :

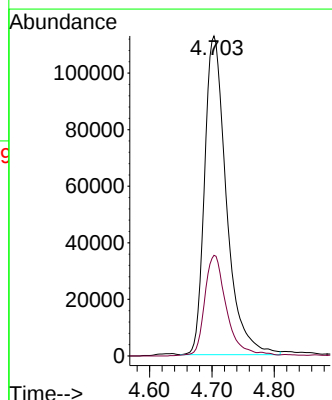
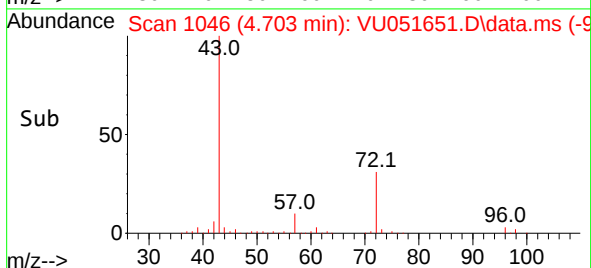
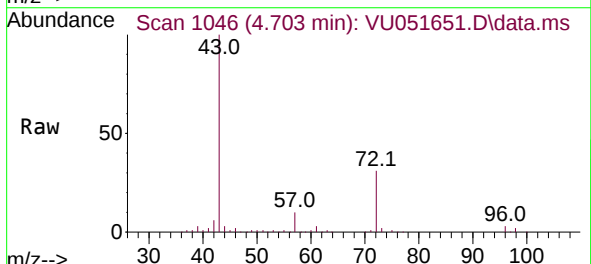


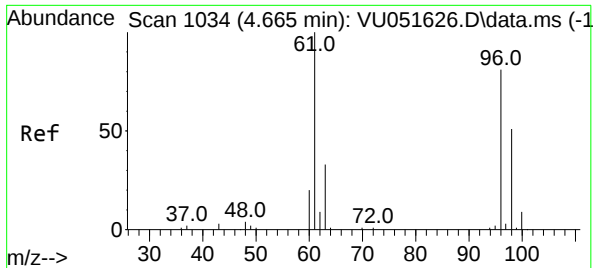
Tgt Ion: 63 Resp: 205611
Ion Ratio Lower Upper
63 100
65 31.5 22.7 42.1
83 14.2 9.2 17.0



#21
2-Butanone
Concen: 52.144 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 43 Resp: 274088
Ion Ratio Lower Upper
43 100
72 31.2 16.2 48.5

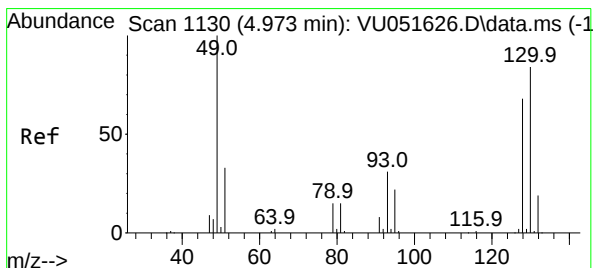
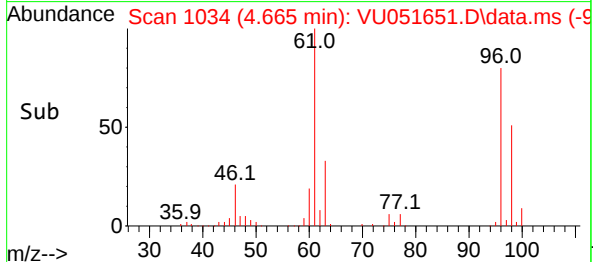
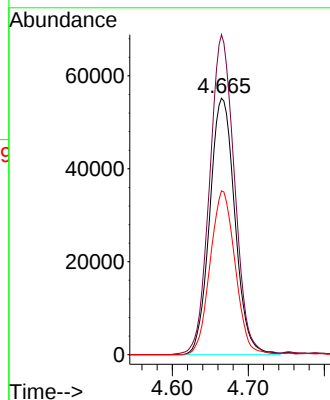
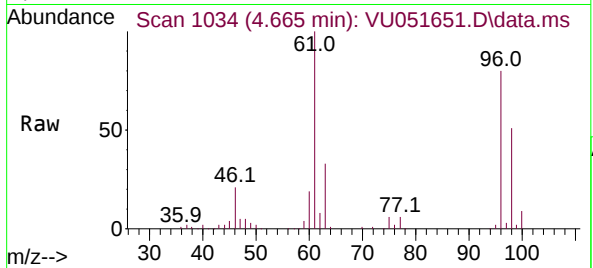




#22
 cis-1,2-Dichloroethene
 Concen: 5.066 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

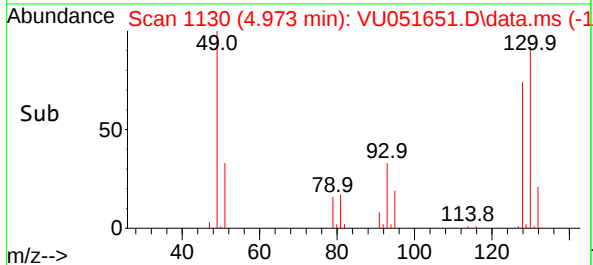
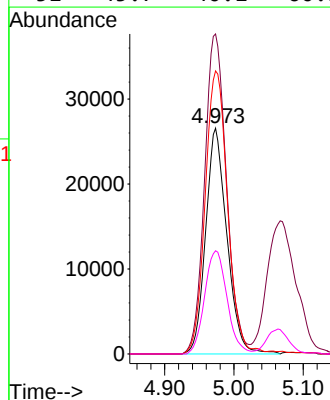
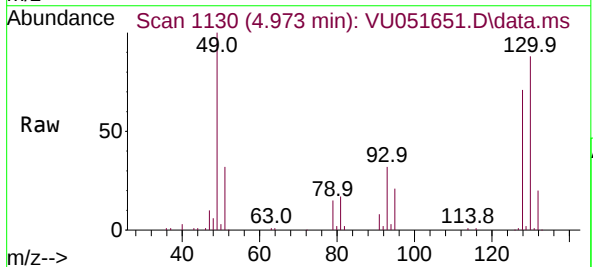
Instrument :
 MSVOA_U
 ClientSampleId :

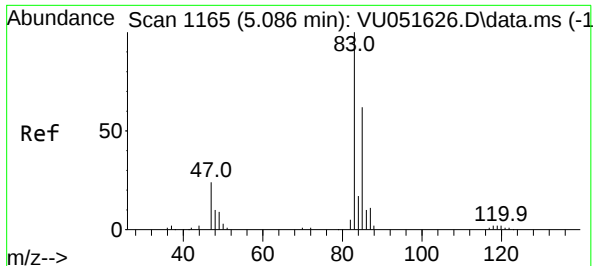
Tgt Ion: 96 Resp: 126844
 Ion Ratio Lower Upper
 96 100
 61 124.8 86.4 160.4
 98 63.9 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.840 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

Tgt Ion: 128 Resp: 56661
 Ion Ratio Lower Upper
 128 100
 49 141.8 105.5 195.9
 130 125.4 93.5 173.7
 51 45.7 40.1 60.1





#25

Chloroform

Concen: 4.865 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Instrument :

MSVOA_U

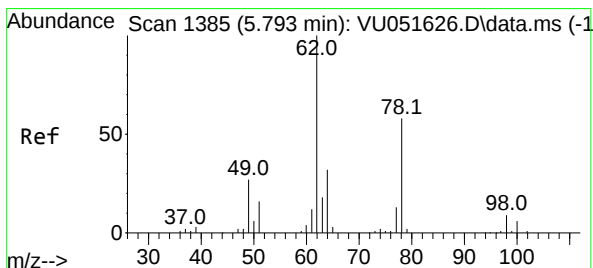
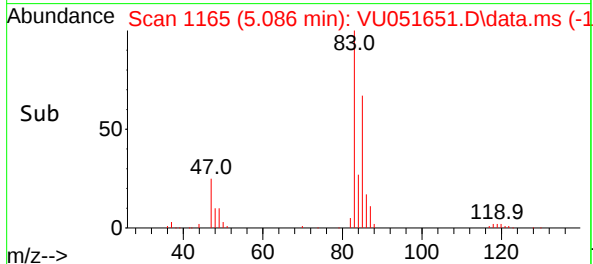
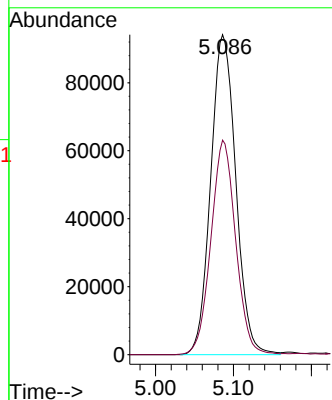
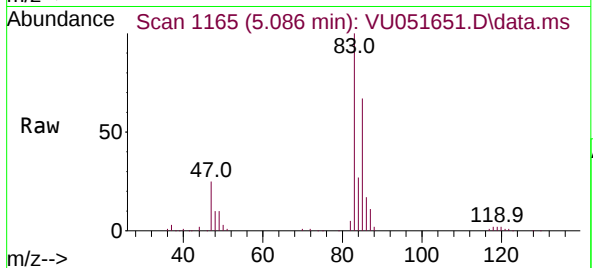
ClientSampleId :

Tgt Ion: 83 Resp: 210635

Ion Ratio Lower Upper

83 100

85 67.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.826 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051651.D

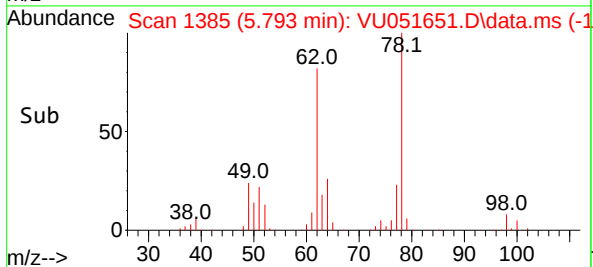
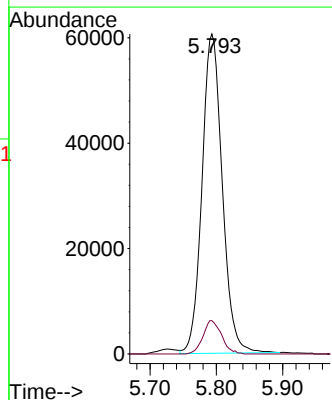
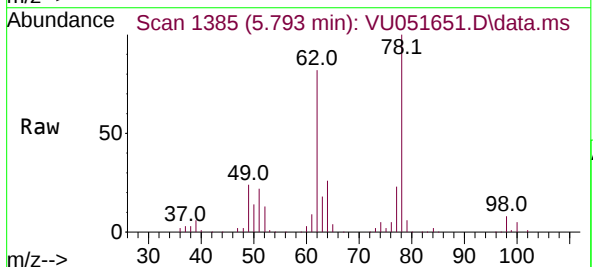
Acq: 01 Nov 2022 11:10

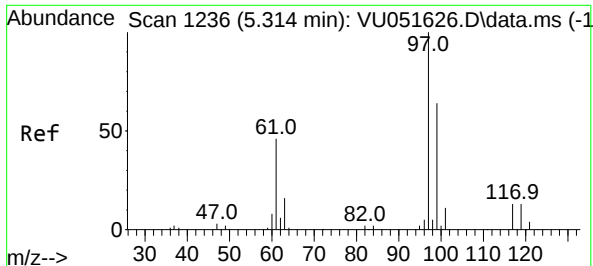
Tgt Ion: 62 Resp: 128581

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.0

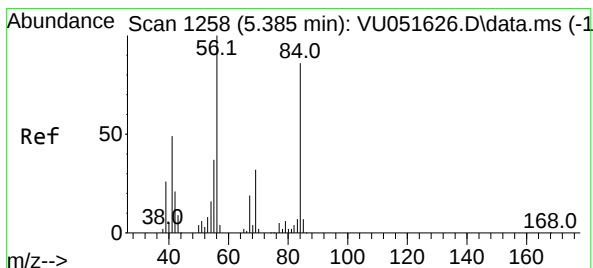
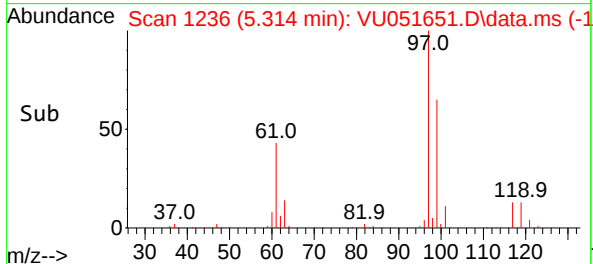
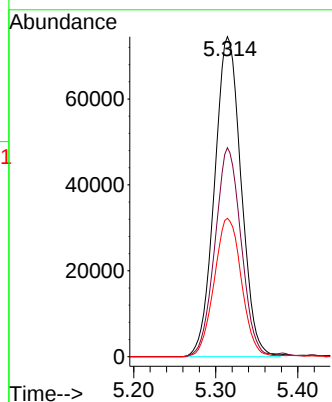
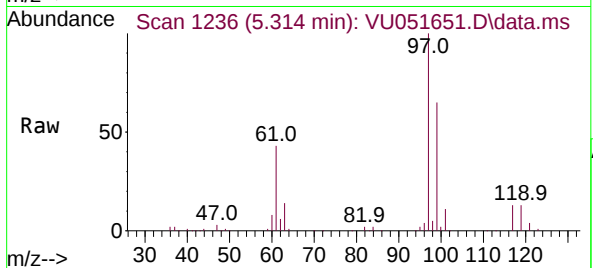




#29
1,1,1-Trichloroethane
Concen: 5.224 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

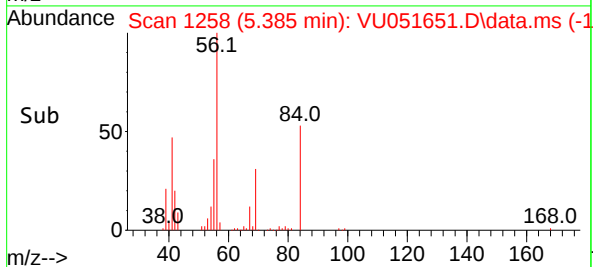
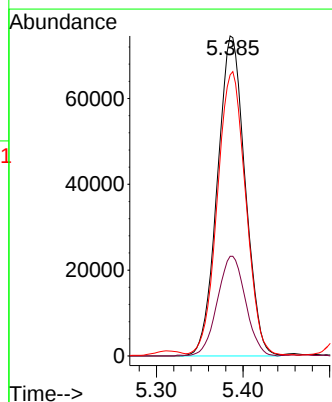
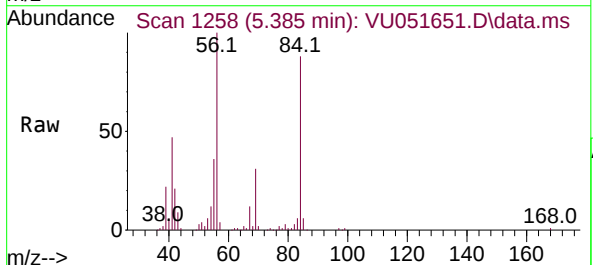
Instrument :
MSVOA_U
ClientSampleId :

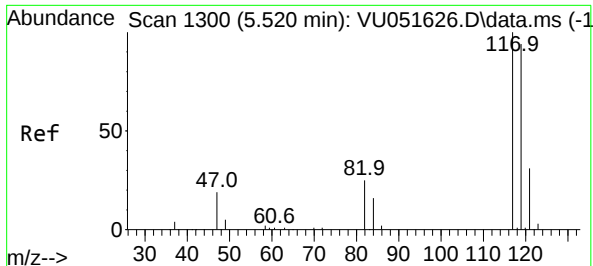
Tgt Ion: 97 Resp: 168027
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 44.2 37.4 56.0



#30
Cyclohexane
Concen: 5.592 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 56 Resp: 165630
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 91.0 71.4 107.0

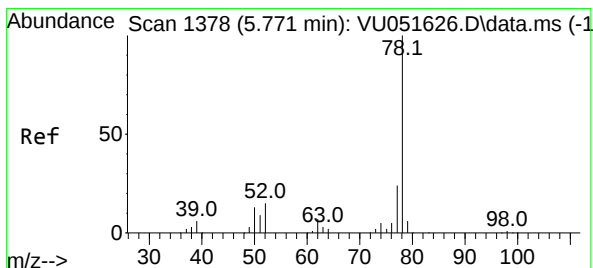
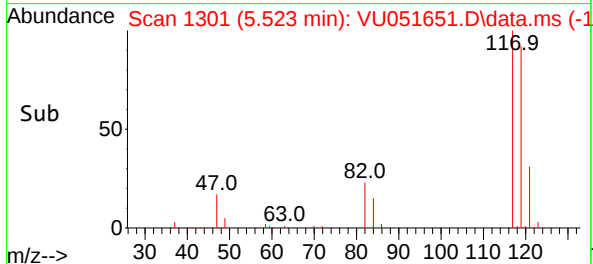
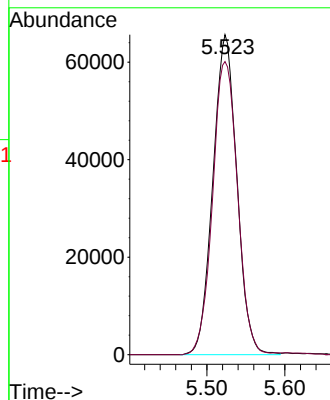
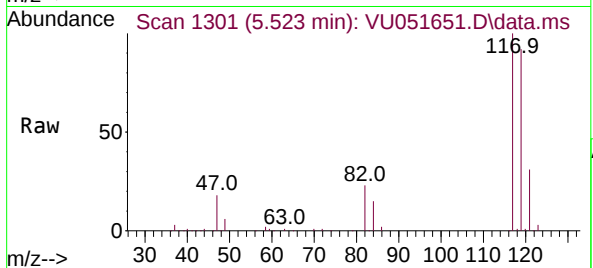




#31
Carbon tetrachloride
Concen: 5.101 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

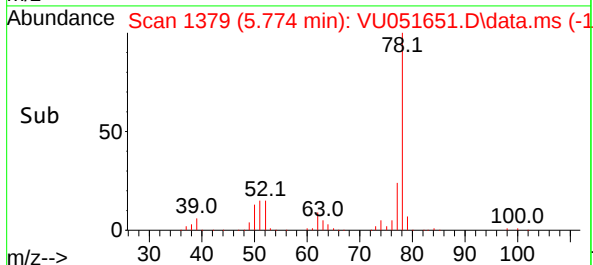
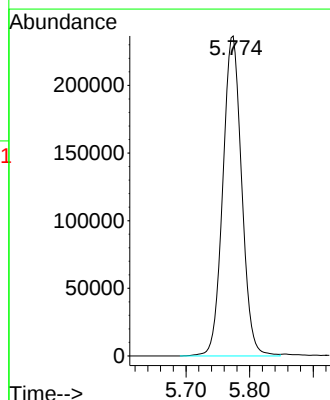
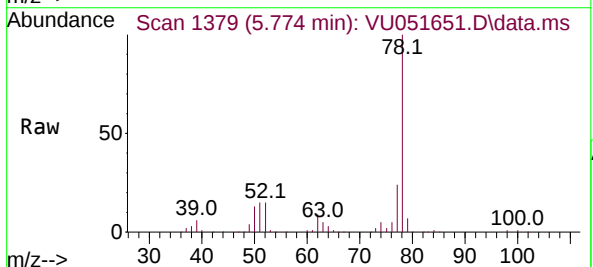
Instrument :
MSVOA_U
ClientSampleId :

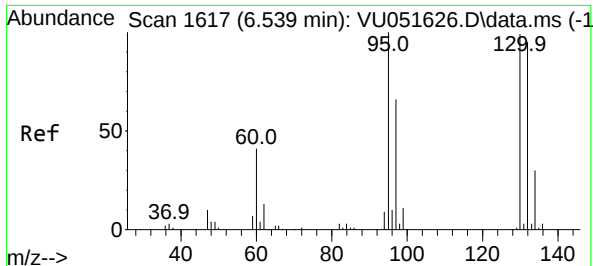
Tgt Ion:117 Resp: 140326
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 5.213 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 78 Resp: 487354

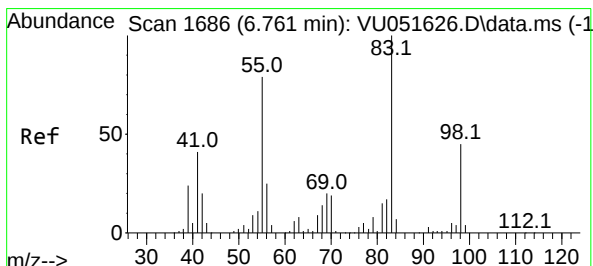
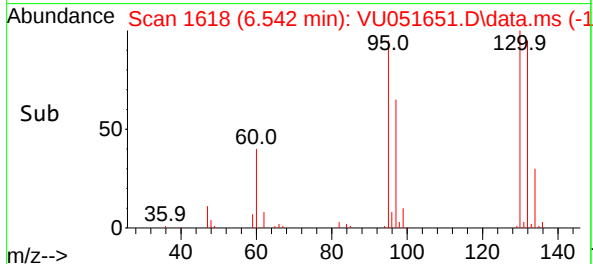
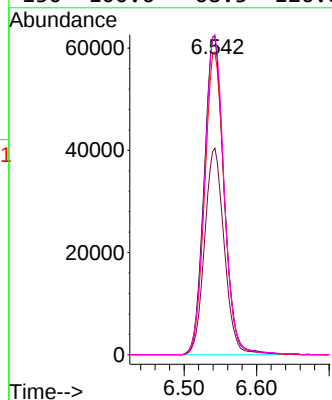
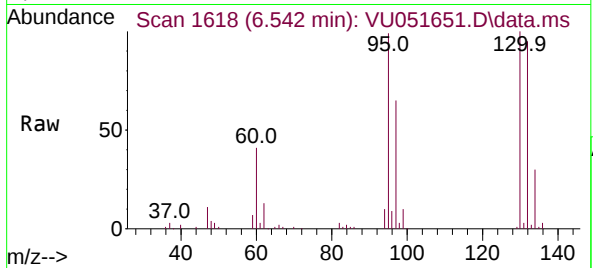




#34
Trichloroethene
Concen: 5.240 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

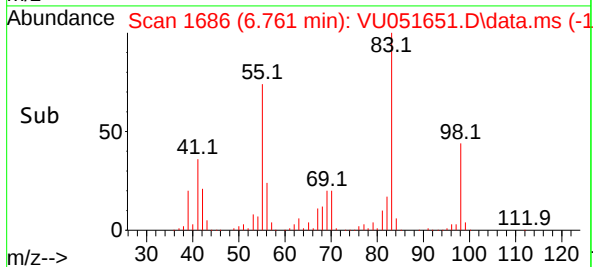
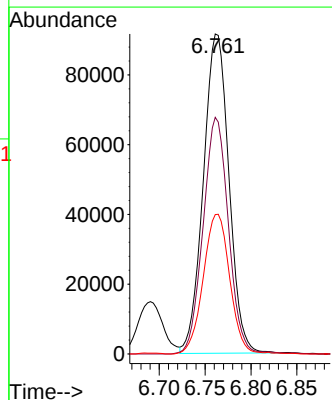
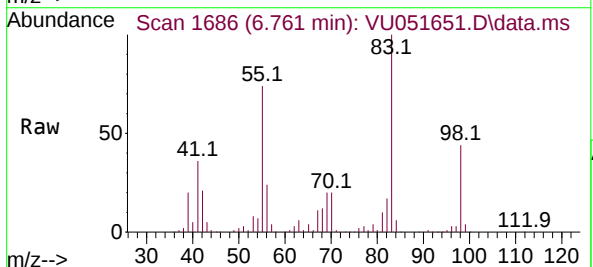
Instrument :
MSVOA_U
ClientSampleId :

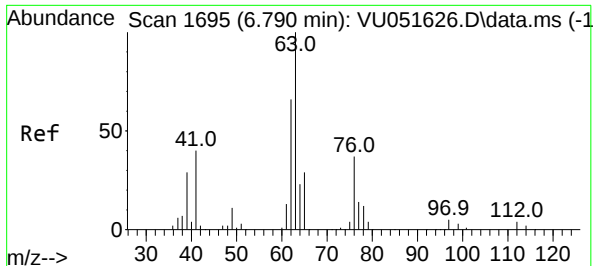
Tgt Ion: 95 Resp: 118218
Ion Ratio Lower Upper
95 100
97 64.9 45.2 84.0
132 95.2 66.5 123.5
130 100.6 68.3 126.8



#35
Methylcyclohexane
Concen: 5.708 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 83 Resp: 178078
Ion Ratio Lower Upper
83 100
55 73.4 60.6 90.8
98 45.4 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.195 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Instrument :

MSVOA_U

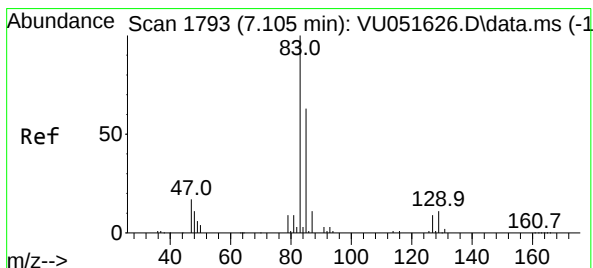
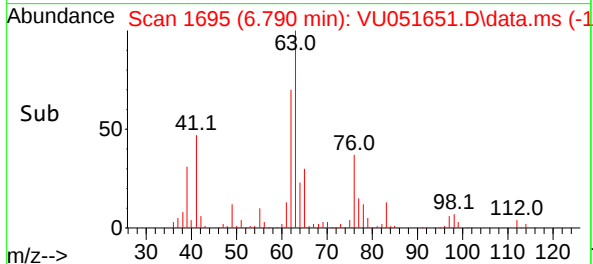
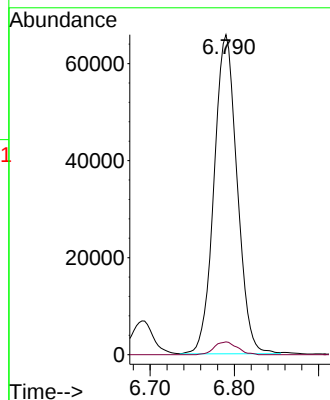
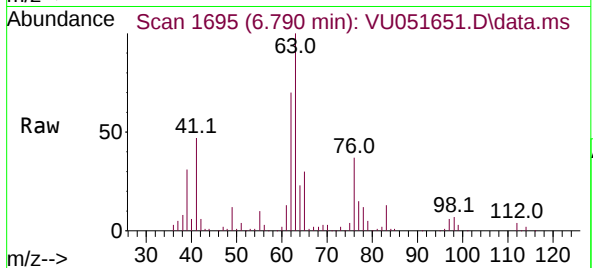
ClientSampleId :

Tgt Ion: 63 Resp: 124919

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.162 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

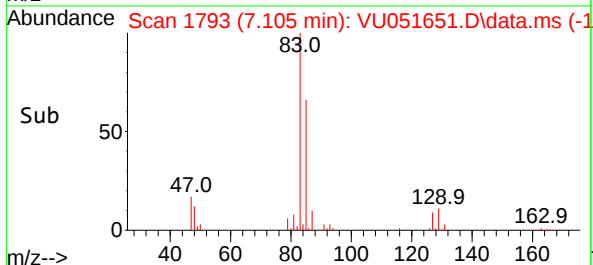
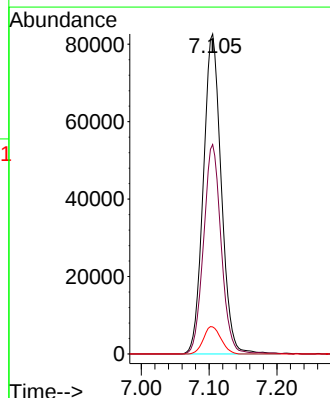
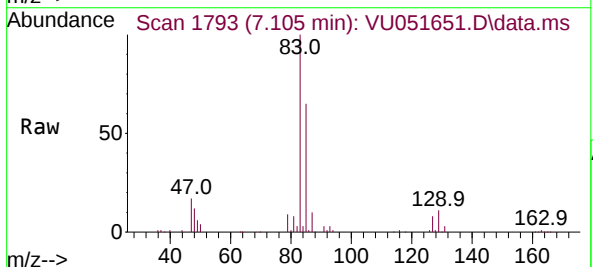
Tgt Ion: 83 Resp: 151607

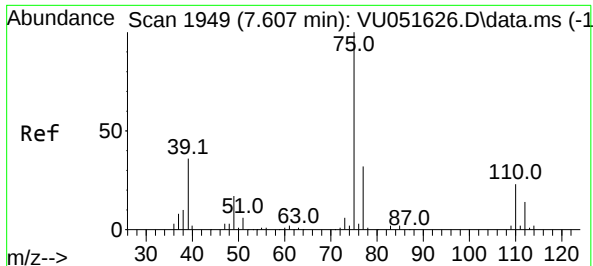
Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7

127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.558 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Instrument :

MSVOA_U

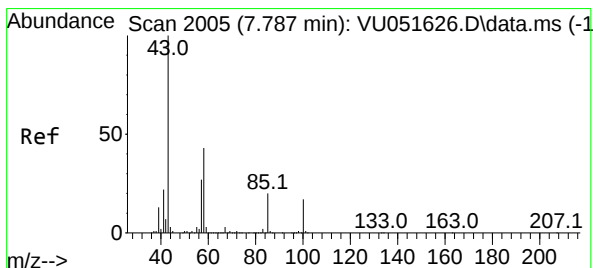
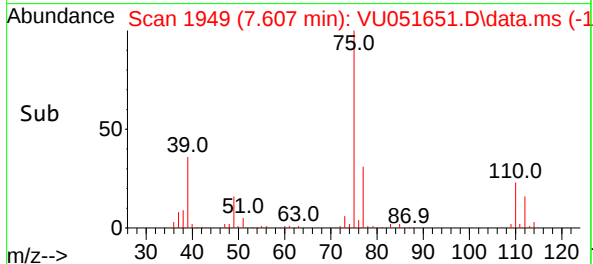
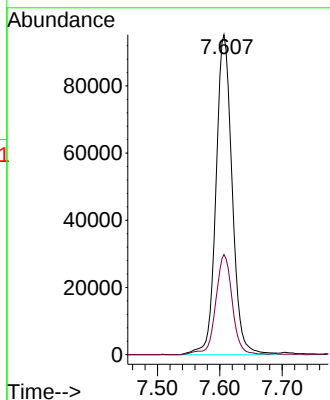
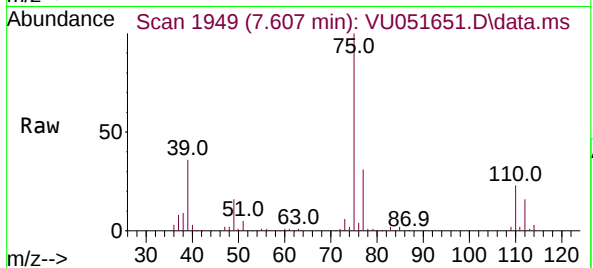
ClientSampleId :

Tgt Ion: 75 Resp: 171454

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.595 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

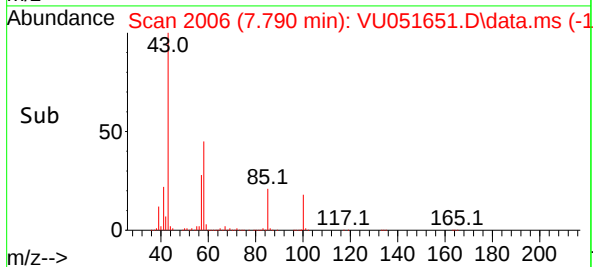
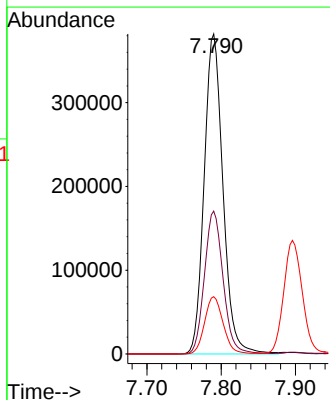
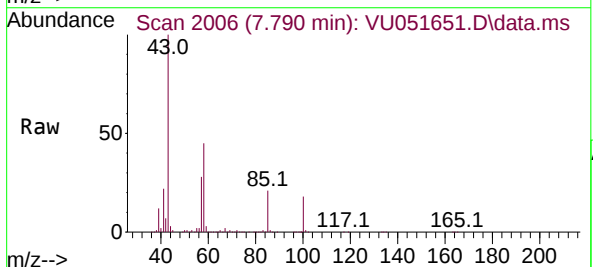
Tgt Ion: 43 Resp: 670537

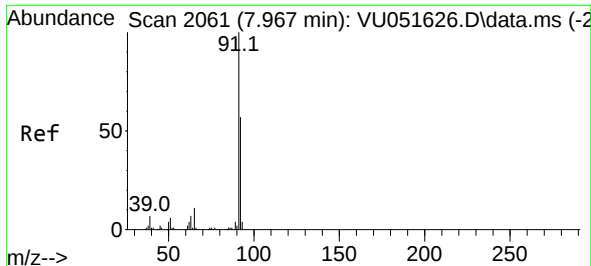
Ion Ratio Lower Upper

43 100

58 44.5 35.0 52.6

100 17.7 13.4 20.0





#42

Toluene

Concen: 5.642 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Instrument :

MSVOA_U

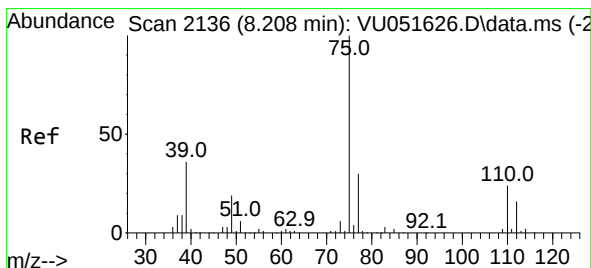
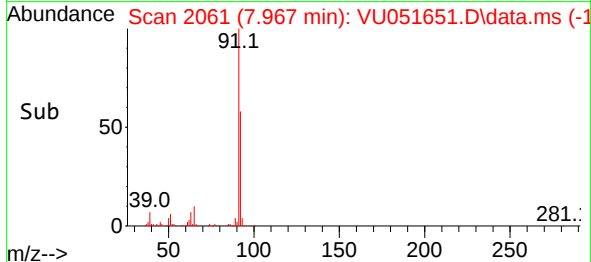
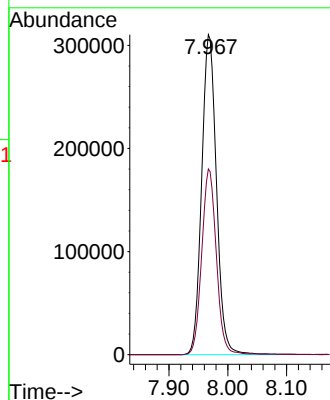
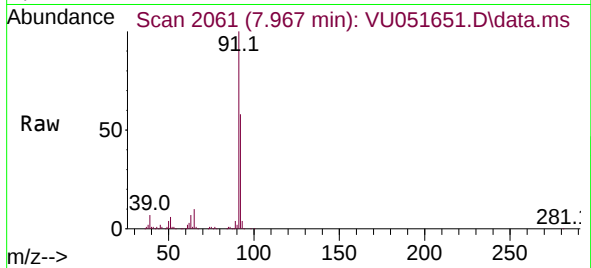
ClientSampleId :

Tgt Ion: 91 Resp: 541721

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.455 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051651.D

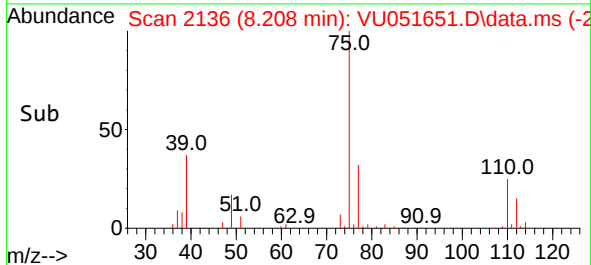
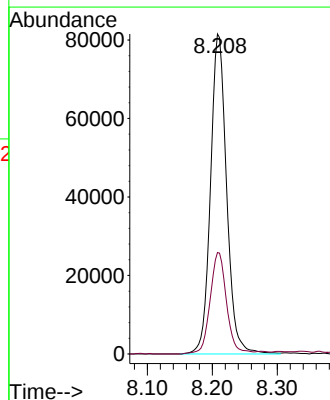
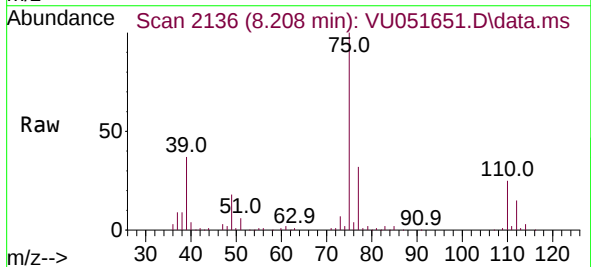
Acq: 01 Nov 2022 11:10

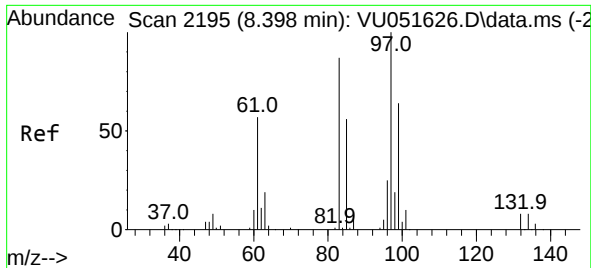
Tgt Ion: 75 Resp: 140643

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6

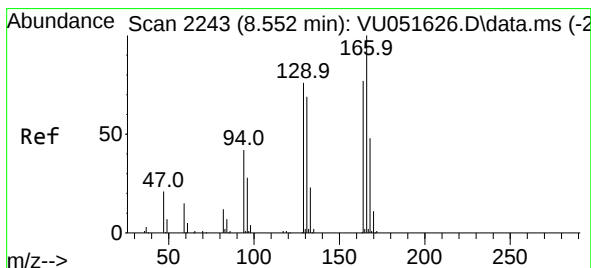
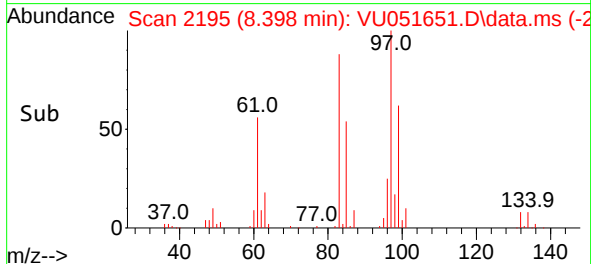
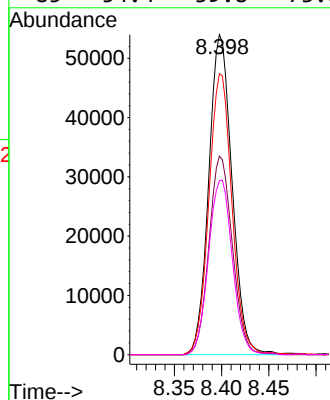
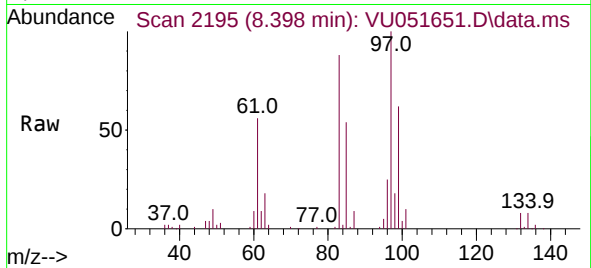




#45
1,1,2-Trichloroethane
Concen: 5.255 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

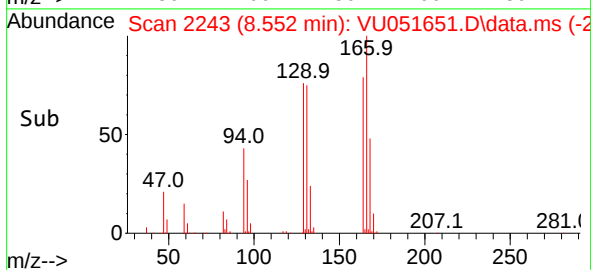
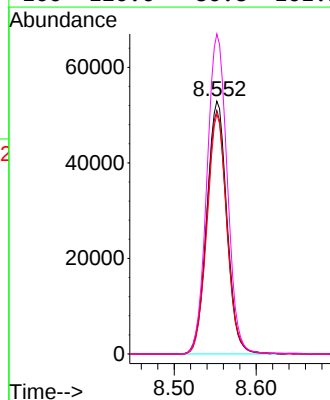
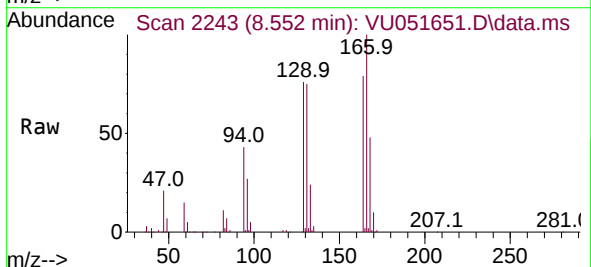
Instrument :
MSVOA_U
ClientSampleId :

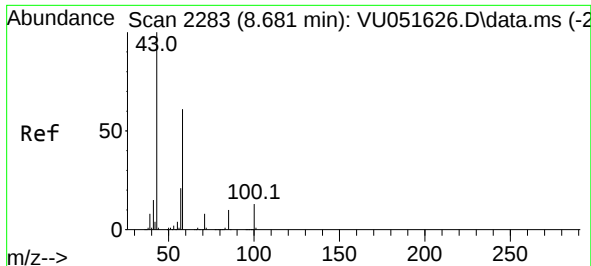
Tgt Ion: 97	Resp: 92590
Ion Ratio	Lower Upper
97 100	
99 62.0	43.4 80.6
83 87.8	61.3 113.9
85 54.4	39.8 73.8



#47
Tetrachloroethene
Concen: 5.217 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt	Ion:164	Resp:	90147
Ion	Ratio	Lower	Upper
164	100		
129	96.4	64.0	118.8
131	94.9	60.7	112.7
166	126.6	86.8	161.2

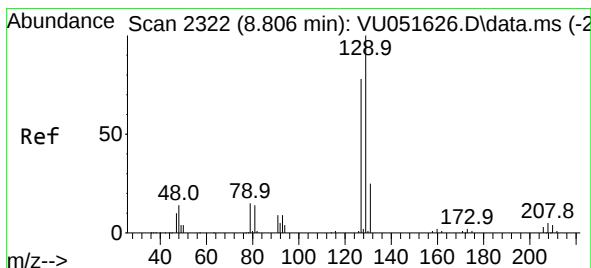
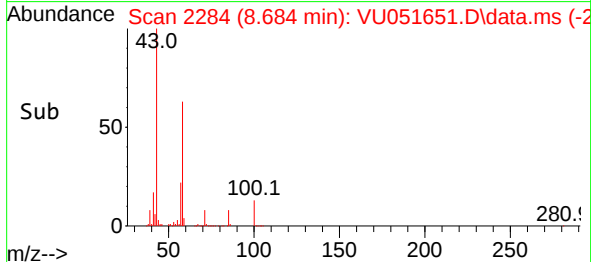
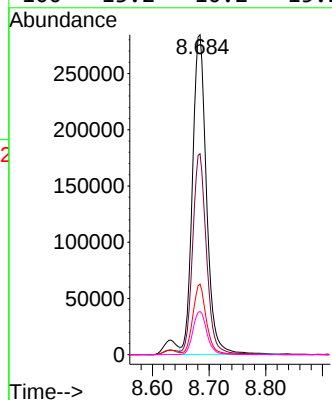
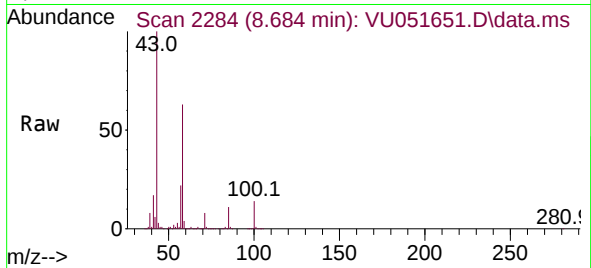




#48
2-Hexanone
Concen: 54.679 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

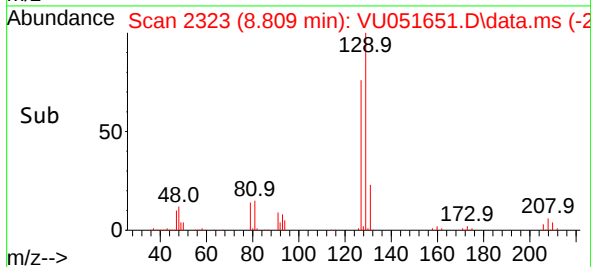
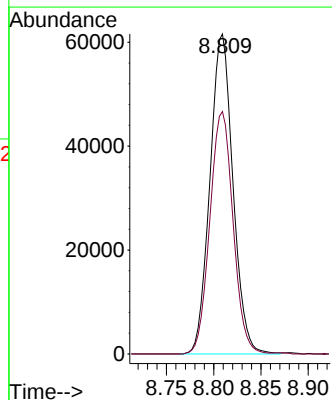
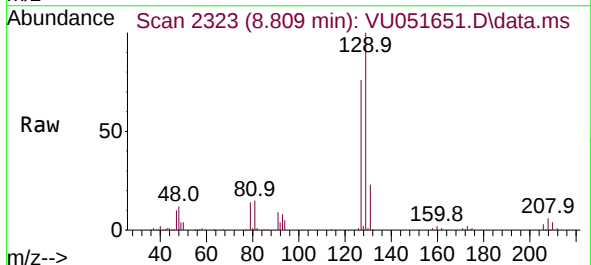
Instrument :
MSVOA_U
ClientSampleId :

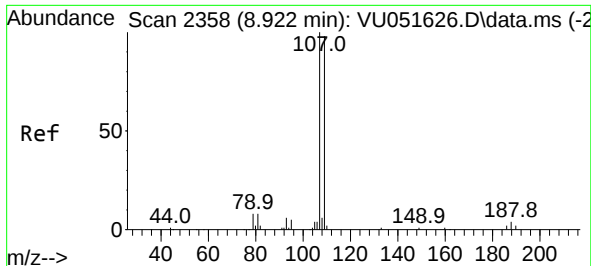
Tgt Ion: 43 Resp: 488158
Ion Ratio Lower Upper
43 100
58 62.0 48.2 72.2
57 21.1 16.6 25.0
100 13.2 10.2 15.2



#49
Dibromochloromethane
Concen: 5.185 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 129 Resp: 104376
Ion Ratio Lower Upper
129 100
127 75.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.294 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

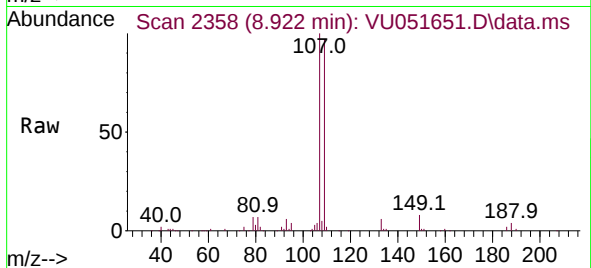
Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

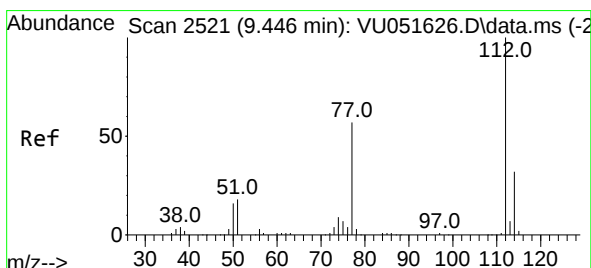
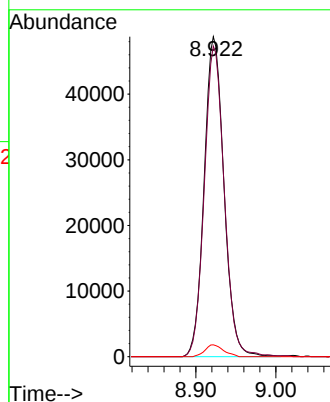
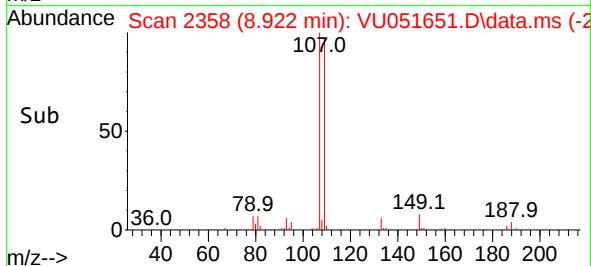
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	84166
Ion Ratio	Lower	Upper	
107	100		
109	97.1	63.0	117.0
188	3.7	3.0	4.4



#51

Chlorobenzene

Concen: 5.368 ug/L

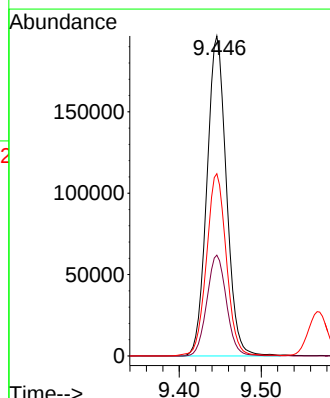
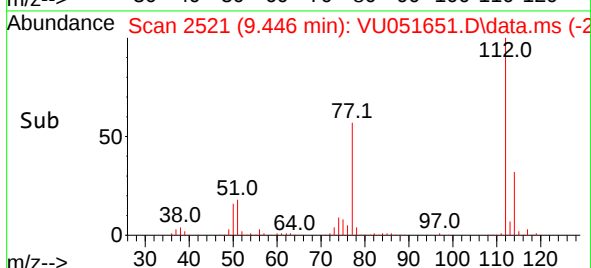
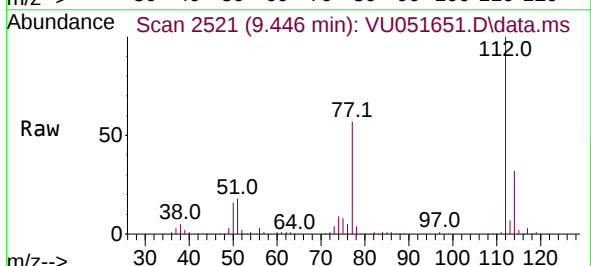
RT: 9.446 min Scan# 2521

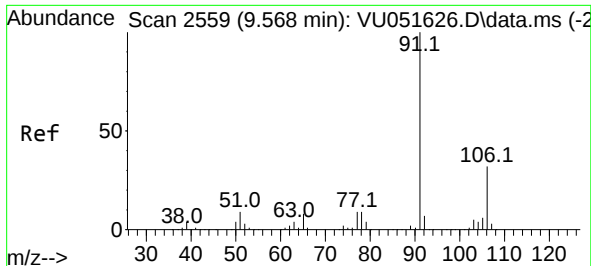
Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Tgt Ion:	112	Resp:	324389
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.0	40.8
77	56.9	46.7	70.1

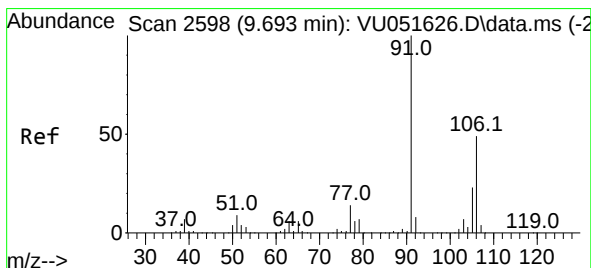
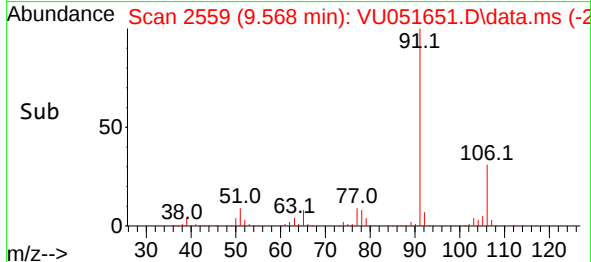
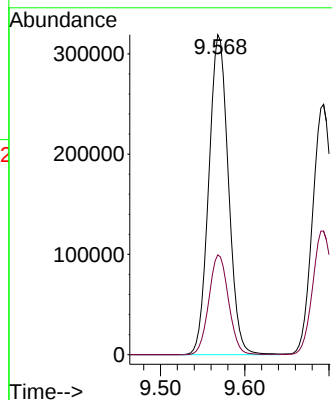
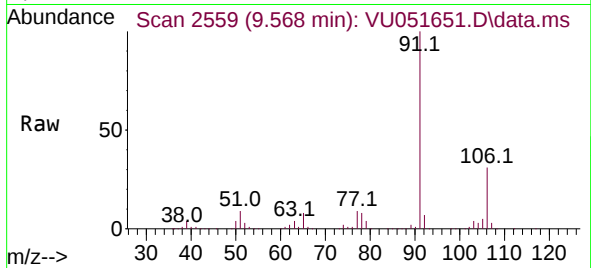




#52
Ethylbenzene
Concen: 5.570 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

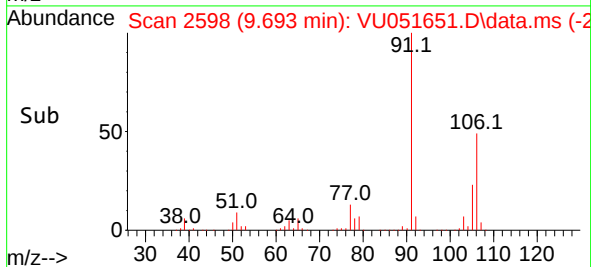
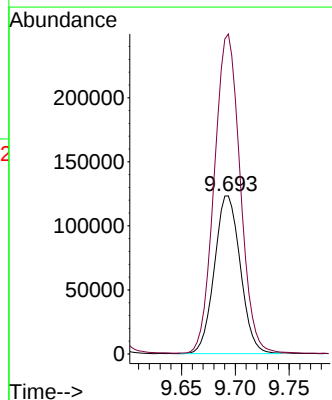
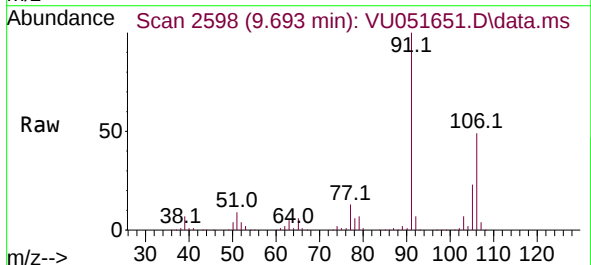
Instrument :
MSVOA_U
ClientSampleId :

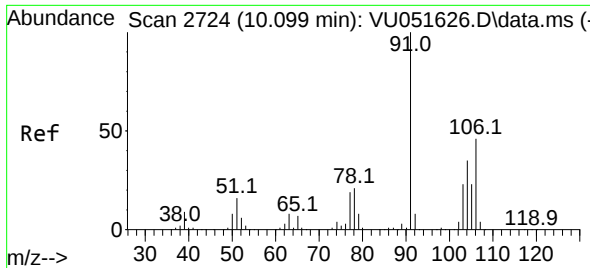
Tgt Ion: 91 Resp: 516053
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 5.745 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 106 Resp: 206728
Ion Ratio Lower Upper
106 100
91 202.5 139.4 259.0

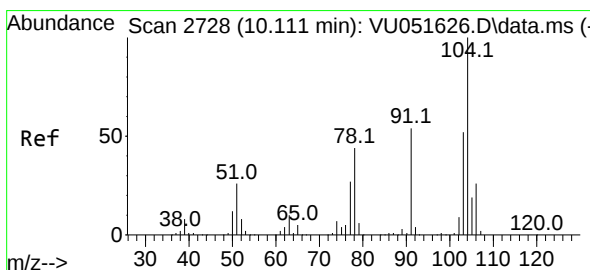
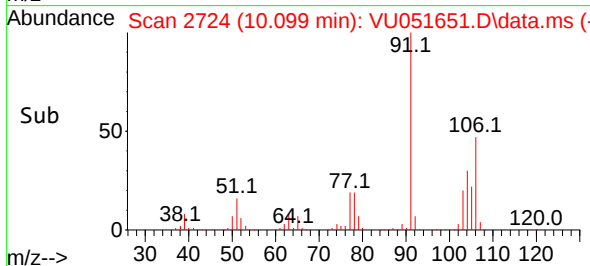
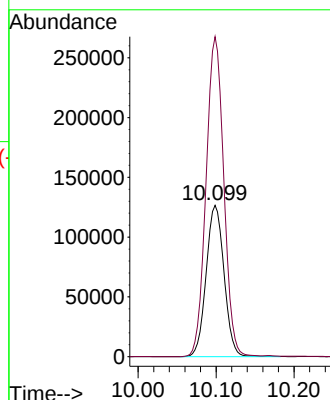
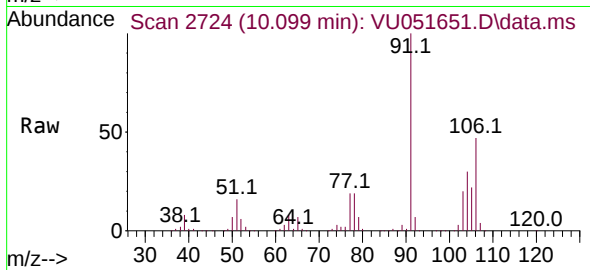




#54
o-Xylene
Concen: 5.746 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

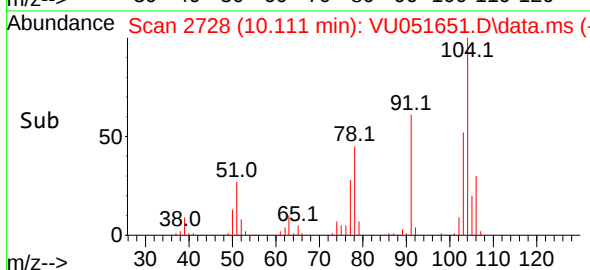
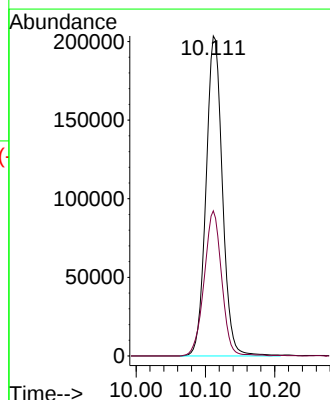
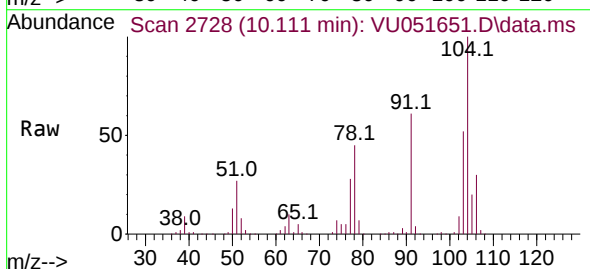
Instrument :
MSVOA_U
ClientSampleId :

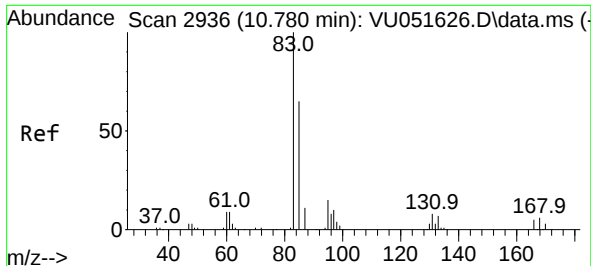
Tgt Ion:106 Resp: 202057
Ion Ratio Lower Upper
106 100
91 211.3 149.2 277.2



#55
Styrene
Concen: 5.675 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion:104 Resp: 333664
Ion Ratio Lower Upper
104 100
78 45.3 31.8 59.0

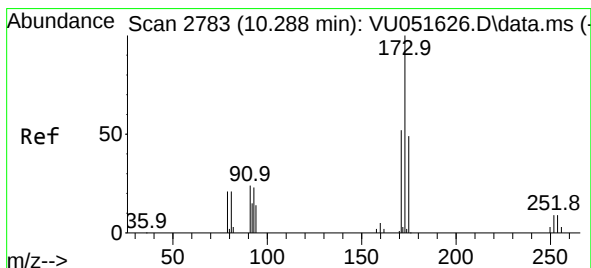
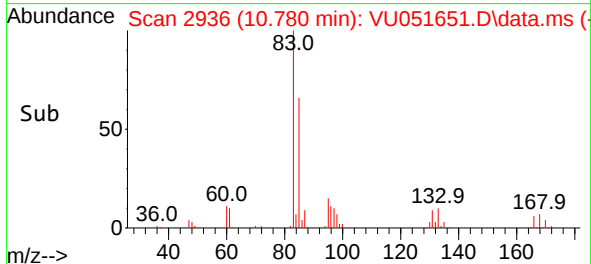
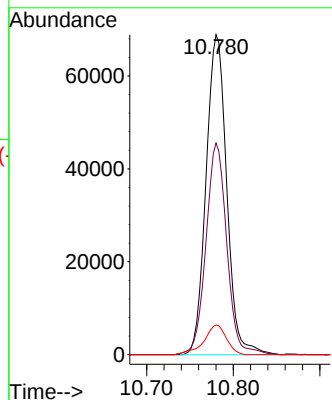
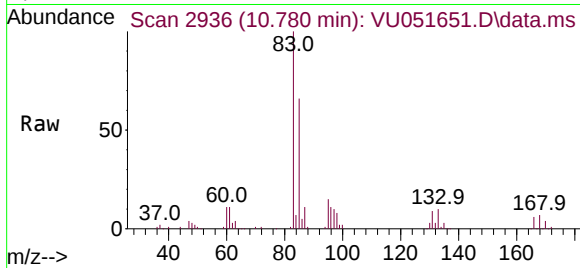




#57
1,1,2,2-Tetrachloroethane
Concen: 5.231 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

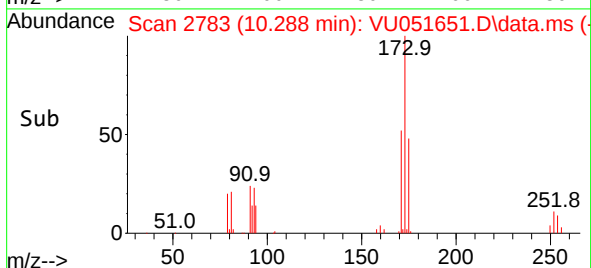
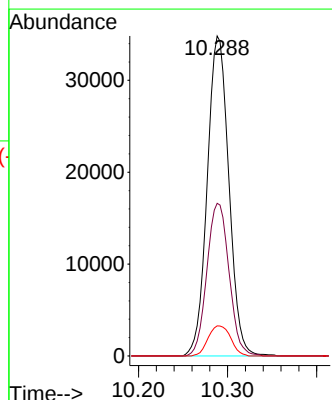
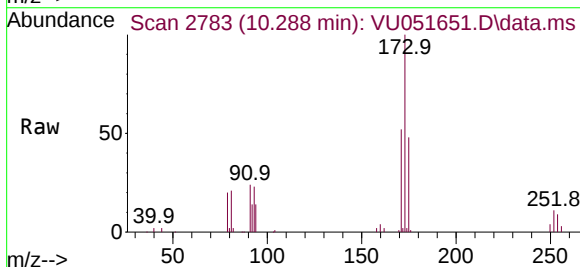
Instrument :
MSVOA_U
ClientSampleId :

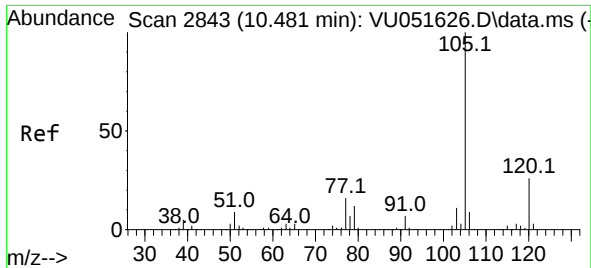
Tgt Ion: 83 Resp: 114300
Ion Ratio Lower Upper
83 100
85 66.1 44.9 83.5
131 9.3 7.8 11.8



#59
Bromoform
Concen: 5.032 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 173 Resp: 58586
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 9.8 7.3 10.9

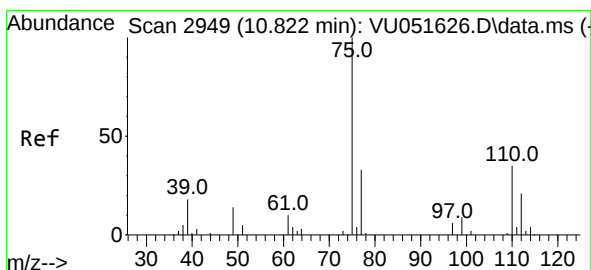
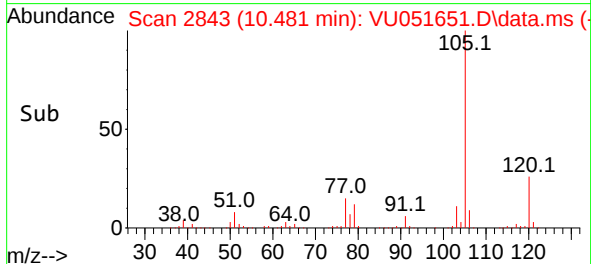
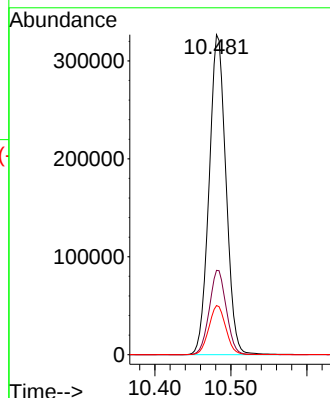
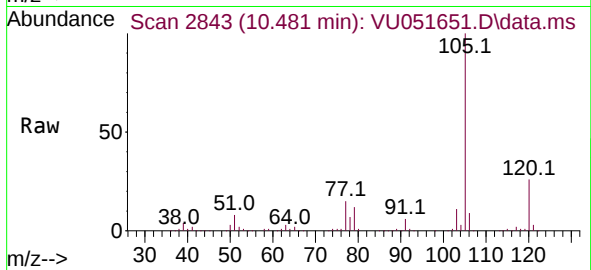




#60
Isopropylbenzene
Concen: 5.469 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

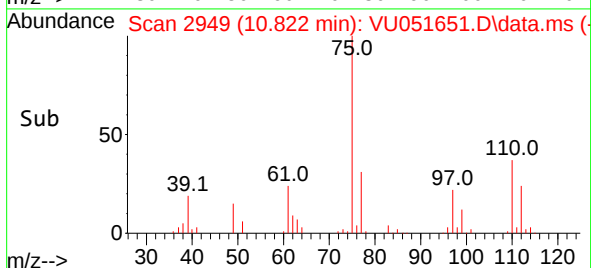
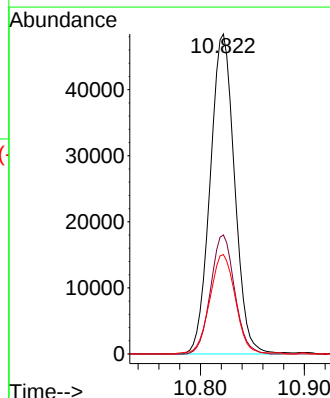
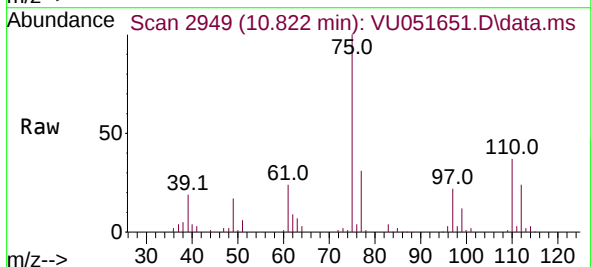
Instrument :
MSVOA_U
ClientSampleId :

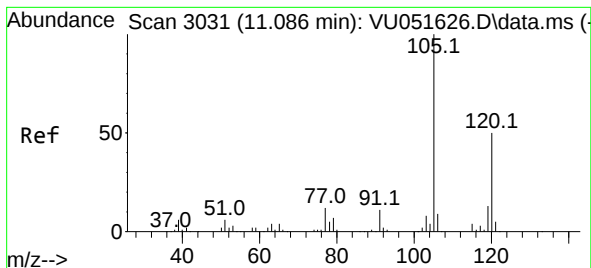
Tgt Ion:105 Resp: 503155
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 15.5 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.842 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion: 75 Resp: 78900
Ion Ratio Lower Upper
75 100
110 36.6 28.7 43.1
77 32.6 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 5.611 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051651.D

Acq: 01 Nov 2022 11:10

Instrument :

MSVOA_U

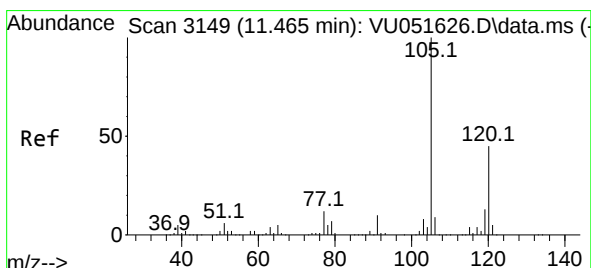
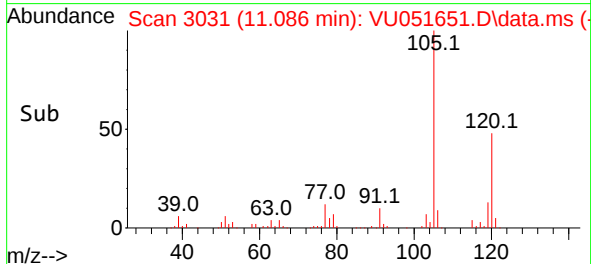
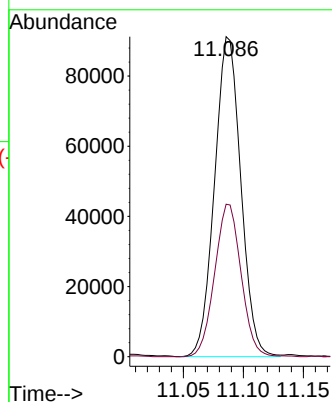
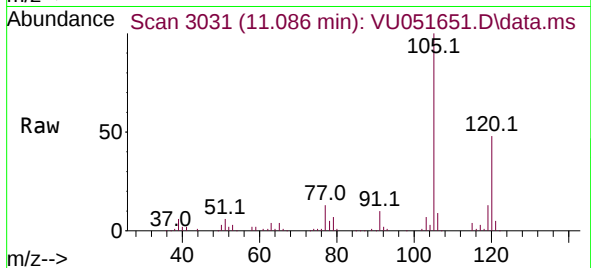
ClientSampleId :

Tgt Ion:105 Resp: 138974

Ion Ratio Lower Upper

105 100

120 47.8 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.543 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051651.D

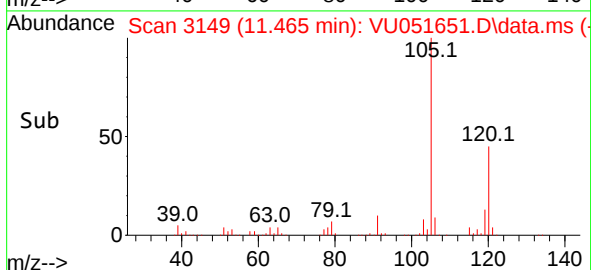
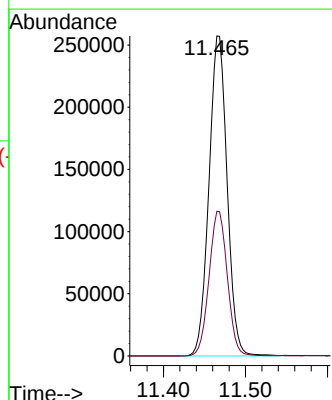
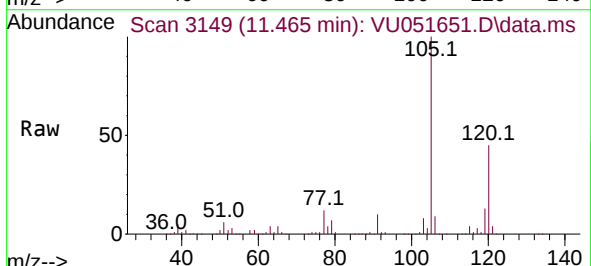
Acq: 01 Nov 2022 11:10

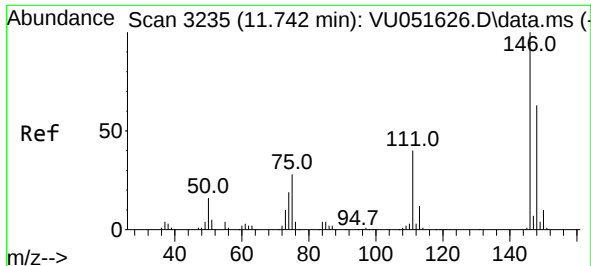
Tgt Ion:105 Resp: 395813

Ion Ratio Lower Upper

105 100

120 45.5 35.8 53.6

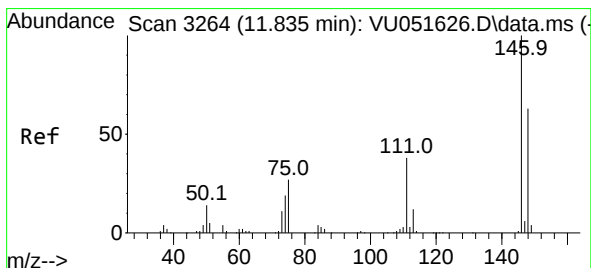
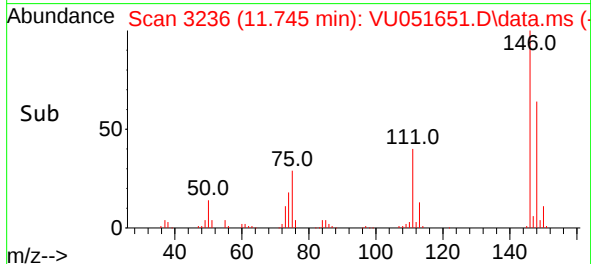
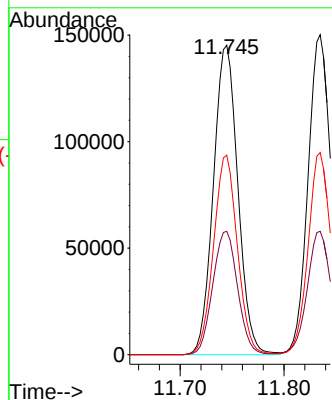
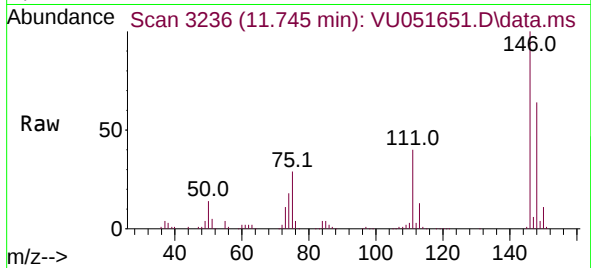




#64
 1,3-Dichlorobenzene
 Concen: 5.193 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

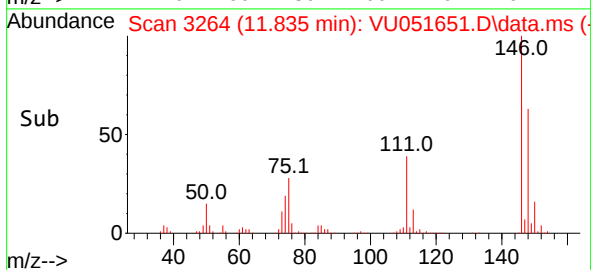
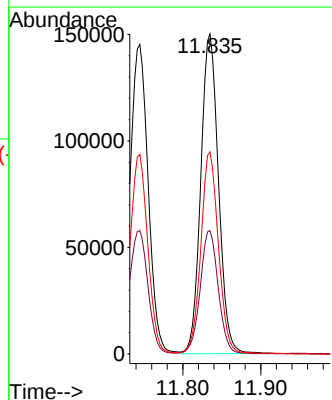
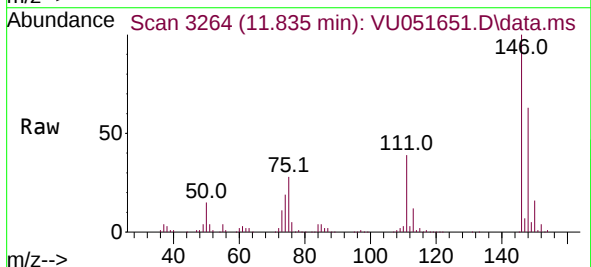
Instrument :
 MSVOA_U
 ClientSampleId :

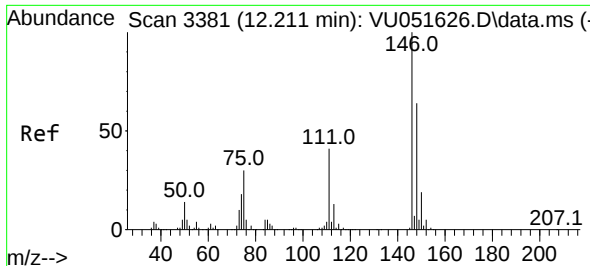
Tgt Ion:146 Resp: 237829
 Ion Ratio Lower Upper
 146 100
 111 39.9 28.6 53.2
 148 64.5 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 5.156 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

Tgt Ion:146 Resp: 236755
 Ion Ratio Lower Upper
 146 100
 111 38.5 26.7 49.5
 148 63.2 43.5 80.9

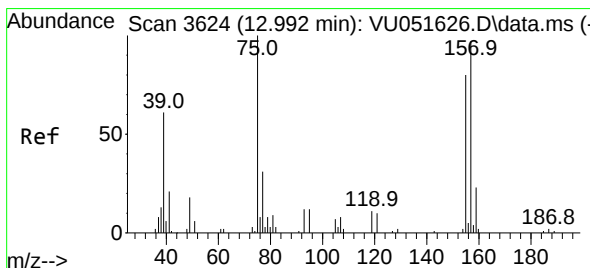
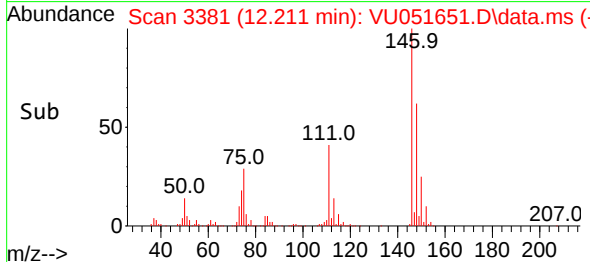
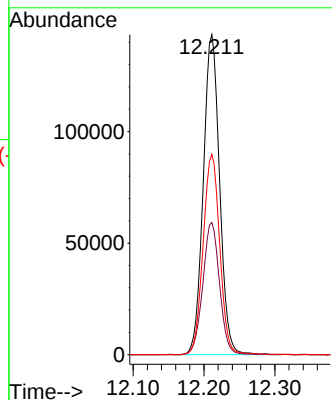
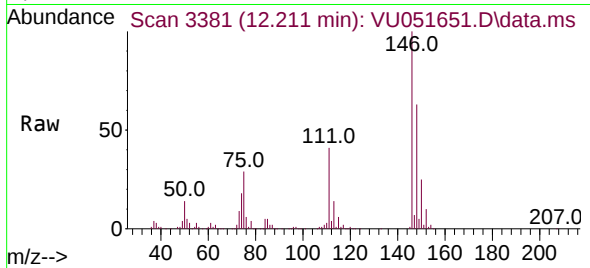




#67
 1,2-Dichlorobenzene
 Concen: 5.154 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

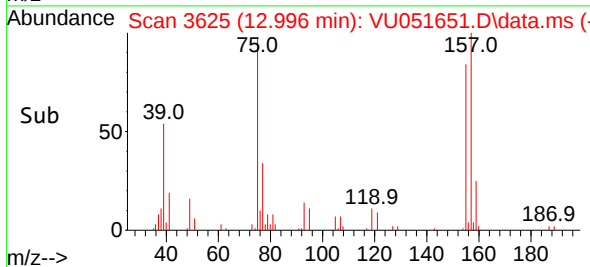
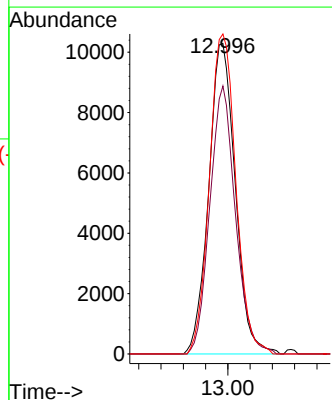
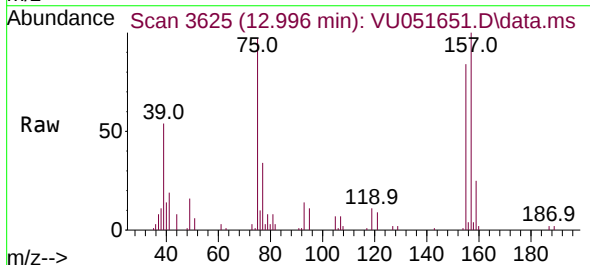
Instrument :
 MSVOA_U
 ClientSampleId :

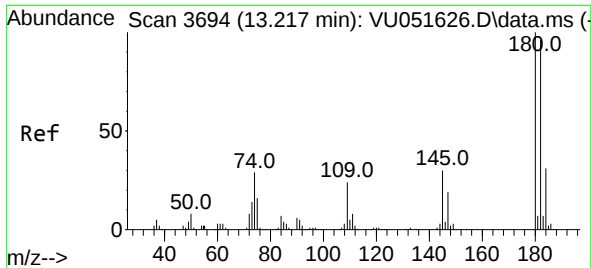
Tgt Ion:146 Resp: 229904
 Ion Ratio Lower Upper
 146 100
 111 41.3 34.2 51.2
 148 62.6 50.1 75.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.084 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.003 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

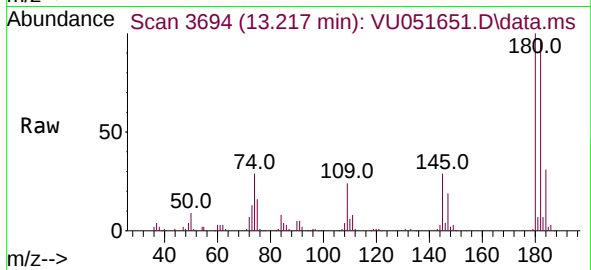
Tgt Ion: 75 Resp: 17058
 Ion Ratio Lower Upper
 75 100
 155 86.4 61.4 92.2
 157 103.1 86.7 130.1



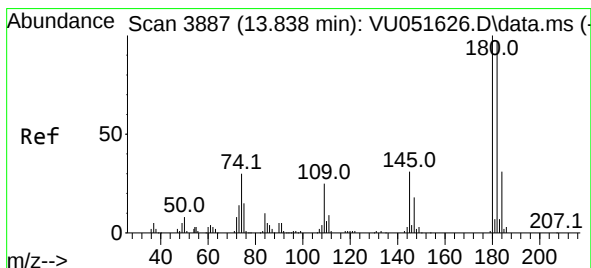
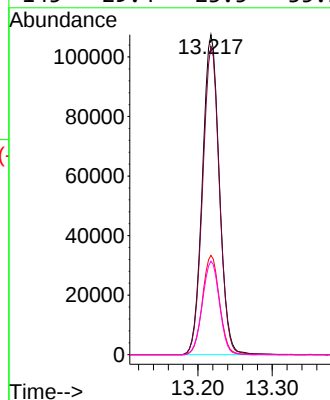
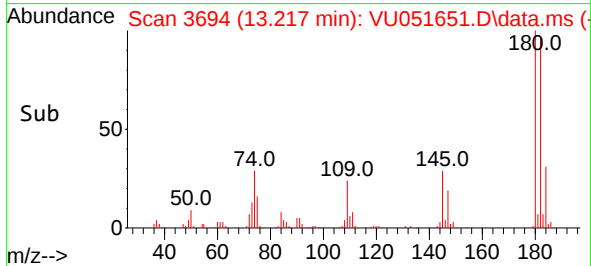


#69
 1,3,5-Trichlorobenzene
 Concen: 5.210 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10

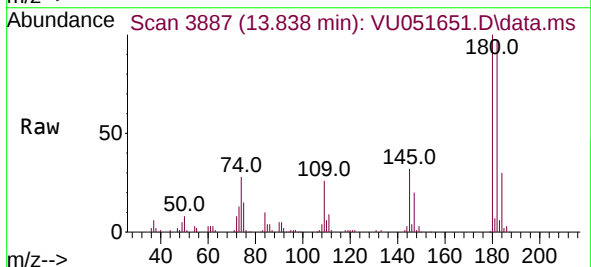
Instrument :
 MSVOA_U
 ClientSampleId :



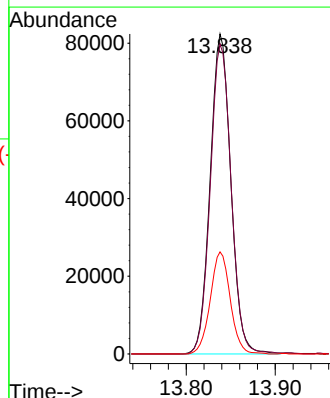
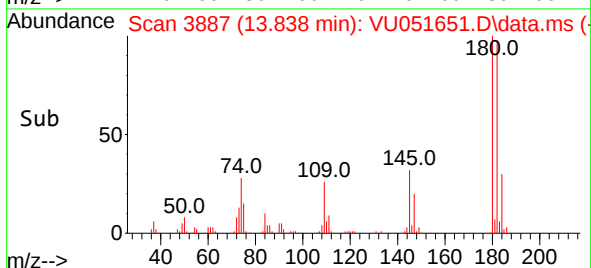
Tgt Ion:180 Resp: 170063
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.6
 184 31.1 23.7 35.5
 145 29.4 23.5 35.3

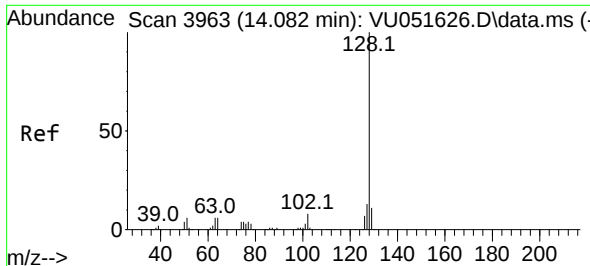


#70
 1,2,4-trichlorobenzene
 Concen: 5.291 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051651.D
 Acq: 01 Nov 2022 11:10



Tgt Ion:180 Resp: 132601
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.8 116.6
 145 30.8 25.0 37.6

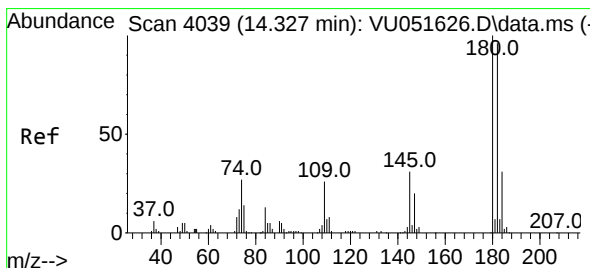
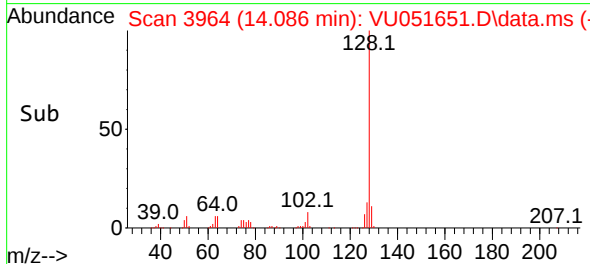
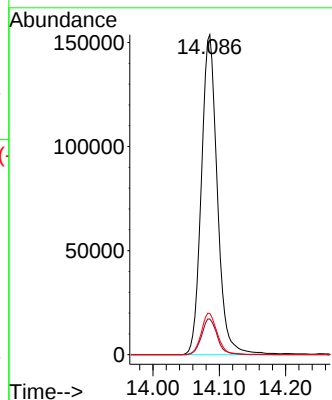
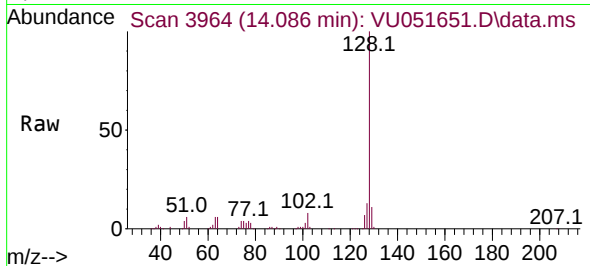




#71
Naphthalene
Concen: 5.519 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 258180
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.242 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051651.D
Acq: 01 Nov 2022 11:10

Tgt Ion:180 Resp: 132667
Ion Ratio Lower Upper
180 100
182 96.3 76.1 114.1
145 32.3 25.6 38.4

