

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055714.D
 Acq On : 10 Oct 2023 11:42
 Operator : MD/SY
 Sample : VSTD20039
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:01:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	422269	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	430645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	265417	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	759190	227.471	ug/L	0.00
7) Chloroethane-d5	1.904	69	613094	190.782	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	63	1367461	270.983	ug/L	0.00
21) 2-Butanone-d5	4.608	46	1207563	540.337	ug/L	0.00
24) Chloroform-d	5.059	84	1428314	259.480	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	889213	266.130	ug/L	0.00
32) Benzene-d6	5.724	84	2845356	259.181	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	884487	241.488	ug/L	0.00
41) Toluene-d8	7.894	98	2665752	257.168	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	472138	256.103	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	901493	547.817	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	1445105	225.930	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	1089398	234.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	688305	214.660	ug/L	100
3) Chloromethane	1.518	50	644846	182.362	ug/L	99
5) Vinyl chloride	1.602	62	715457	160.602	ug/L	100
6) Bromomethane	1.843	94	467864	169.804	ug/L	96
8) Chloroethane	1.927	64	463562	151.694	ug/L	99
9) Trichlorofluoromethane	2.133	101	1025044	146.411	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	654801	229.883	ug/L	99
12) 1,1-Dichloroethene	2.576	96	598720	225.654	ug/L	99
13) Acetone	2.615	43	988989	513.661	ug/L	97
14) Carbon disulfide	2.789	76	1768355	225.153	ug/L	98
15) Methyl Acetate	2.940	43	792719	253.681	ug/L	97
16) Methylene chloride	3.039	84	675544	210.316	ug/L	96
17) trans-1,2-Dichloroethene	3.348	96	618231	224.844	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	2100225	223.852	ug/L	98
19) 1,1-Dichloroethane	3.862	63	1203666	226.010	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	730422	224.339	ug/L	98
22) 2-Butanone	4.689	43	1297420	504.966	ug/L	98
23) Bromochloromethane	4.968	128	355921	213.652	ug/L	99
25) Chloroform	5.081	83	1266709	227.046	ug/L	98
27) 1,2-Dichloroethane	5.788	62	1018379	236.329	ug/L	99
29) Cyclohexane	5.386	56	1107209	231.698	ug/L	100
30) 1,1,1-Trichloroethane	5.313	97	1109035	227.355	ug/L	99
31) Carbon tetrachloride	5.522	117	974584	231.190	ug/L	97
33) Benzene	5.769	78	2743848	219.484	ug/L	100
34) Trichloroethene	6.538	95	743250	231.516	ug/L	99
35) Methylcyclohexane	6.759	83	1226242	238.432	ug/L	98
37) 1,2-Dichloropropane	6.785	63	741843	215.054	ug/L	100
38) Bromodichloromethane	7.100	83	993207	225.003	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	1226989	218.950	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	2286336	440.641	ug/L	97
42) Toluene	7.965	91	3013396	217.344	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	1206017	228.081	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055714.D
 Acq On : 10 Oct 2023 11:42
 Operator : MD/SY
 Sample : VSTD20039
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:01:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

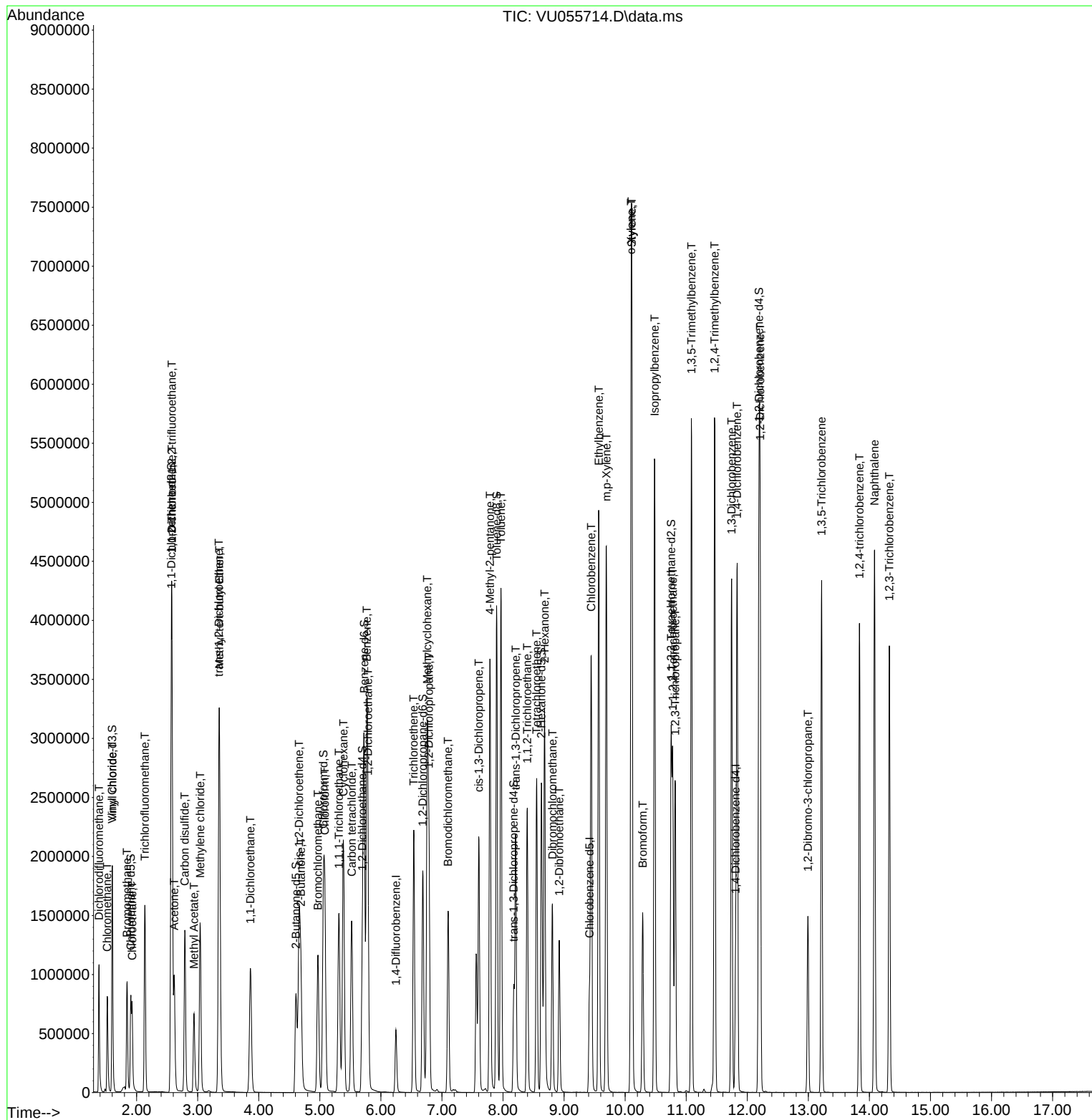
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	736533	211.684	ug/L	98
46) Tetrachloroethene	8.550	164	545197	224.510	ug/L	98
48) 2-Hexanone	8.679	43	1968092	453.246	ug/L	97
49) Dibromochloromethane	8.808	129	792933	221.450	ug/L	99
50) 1,2-Dibromoethane	8.920	107	820333	219.944	ug/L	99
51) Chlorobenzene	9.444	112	1917974	214.658	ug/L	99
52) Ethylbenzene	9.566	91	3445121	218.023	ug/L	100
53) m,p-Xylene	9.692	106	1303084	216.418	ug/L	98
54) o-Xylene	10.097	106	1262444	207.889	ug/L	96
55) Styrene	10.110	104	2190243	207.363	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	1362258	203.996	ug/L	100
59) Bromoform	10.287	173	656296	200.553	ug/L	97
60) 1,2,3-Trichloropropane	10.817	75	1086764	208.104	ug/L	98
61) Isopropylbenzene	10.483	105	3449573	199.766	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	3067240	215.993	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	3096972	219.615	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	1663310	206.176	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	1700124	208.703	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	1661254	205.851	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	393643	270.698	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	1237966	230.005	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	1099368	238.984	ug/L	99
71) Naphthalene	14.084	128	3529966	236.512	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	1054131	233.389	ug/L	98

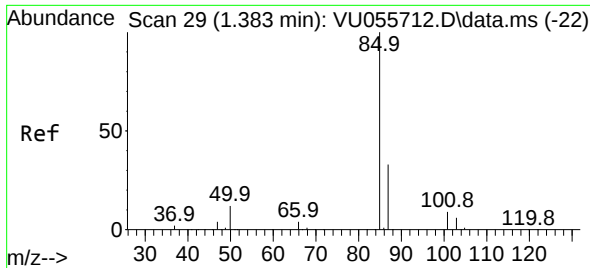
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055714.D
Acq On : 10 Oct 2023 11:42
Operator : MD/SY
Sample : VSTD20039
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

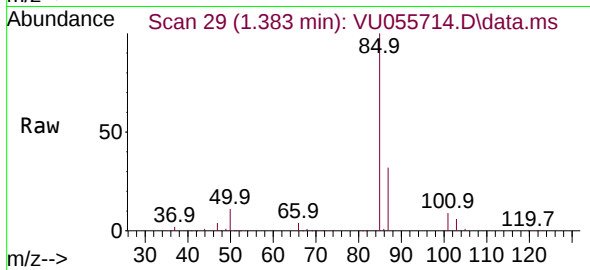
Quant Time: Oct 11 05:01:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 11 04:58:37 2023
Response via : Initial Calibration



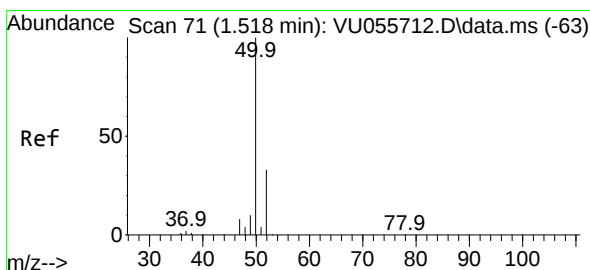
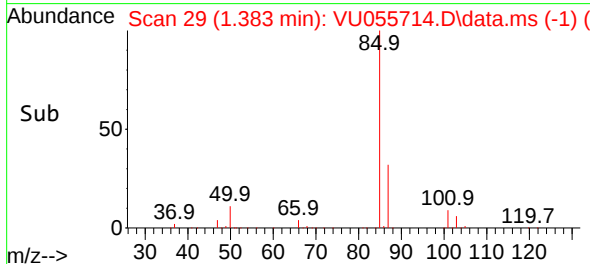
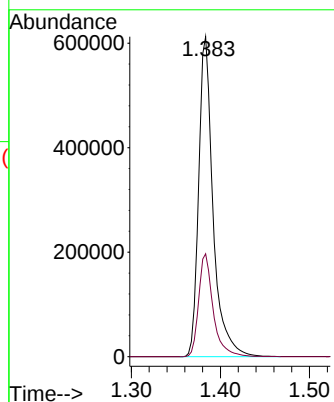


#2
 Dichlorodifluoromethane
 Concen: 214.660 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055714.D
 Acq: 10 Oct 2023 11:42

Instrument :
 MSVOA_U
 ClientSampleId :

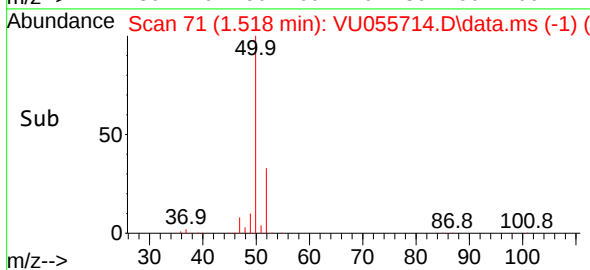
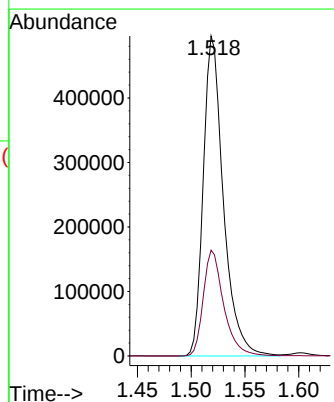
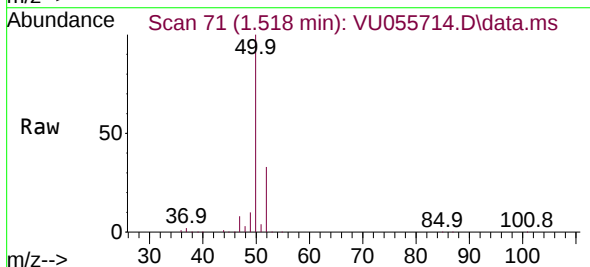


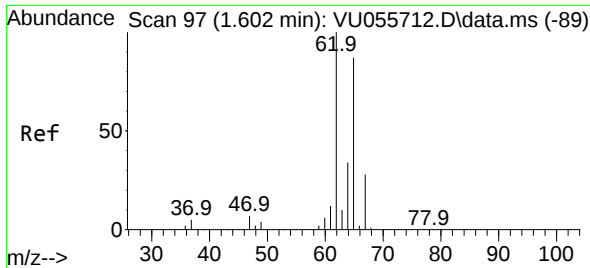
Tgt Ion: 85 Resp: 688305
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 182.362 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055714.D
 Acq: 10 Oct 2023 11:42

Tgt Ion: 50 Resp: 644846
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.8 42.4

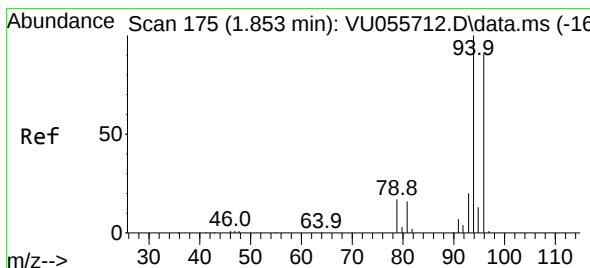
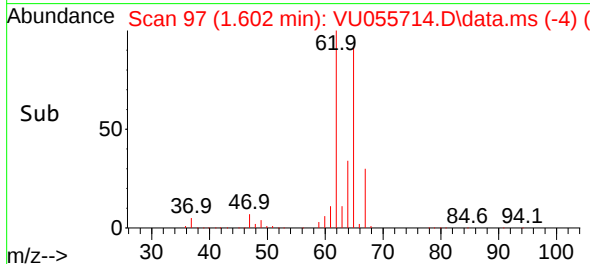
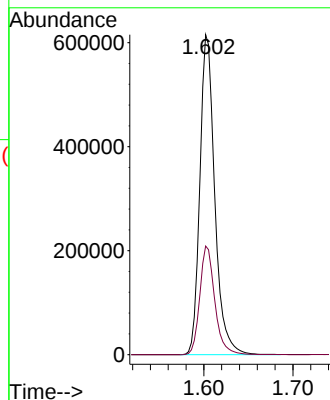
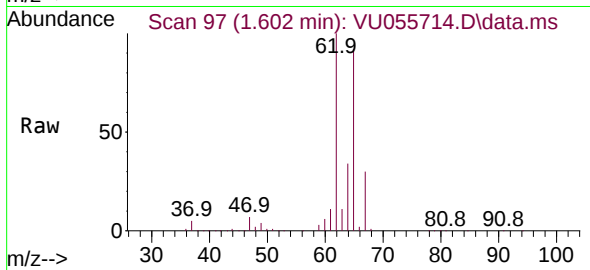




#5
 Vinyl chloride
 Concen: 160.602 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055714.D
 Acq: 10 Oct 2023 11:42

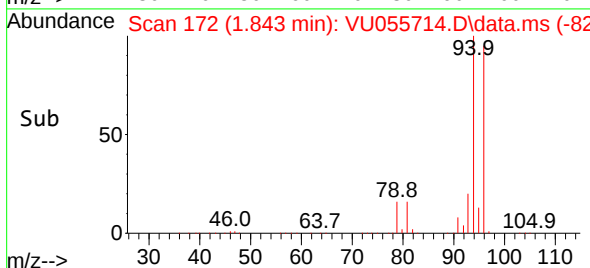
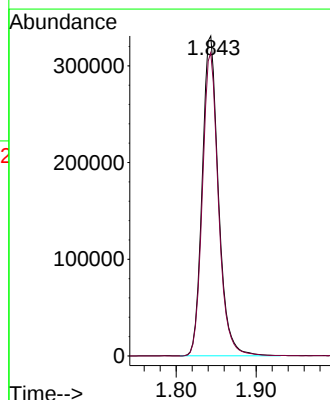
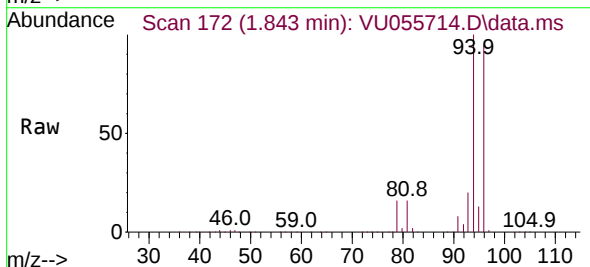
Instrument :
 MSVOA_U
 ClientSampleId :

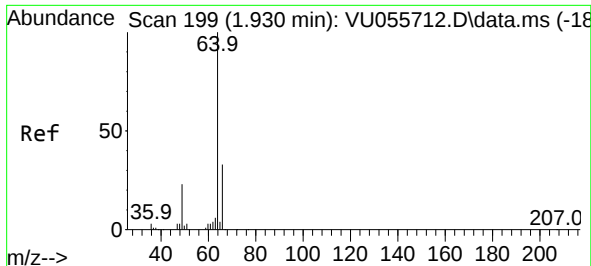
Tgt Ion: 62 Resp: 715457
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.9 44.5



#6
 Bromomethane
 Concen: 169.804 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.010 min
 Lab File: VU055714.D
 Acq: 10 Oct 2023 11:42

Tgt Ion: 94 Resp: 467864
 Ion Ratio Lower Upper
 94 100
 96 94.7 63.5 117.9

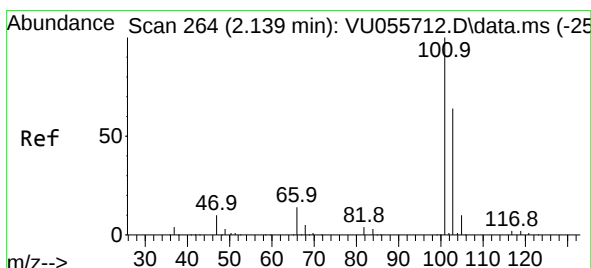
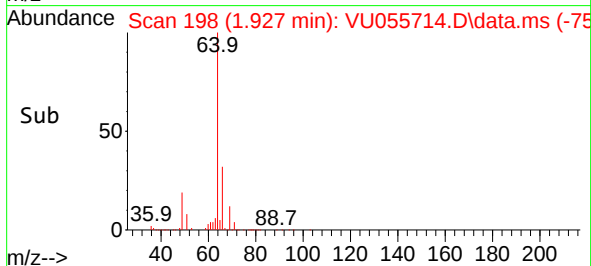
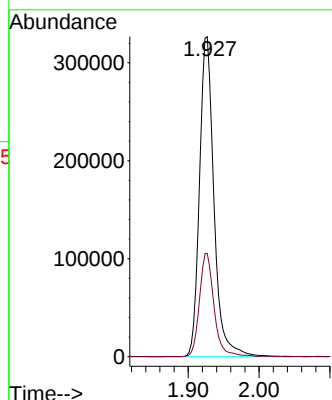
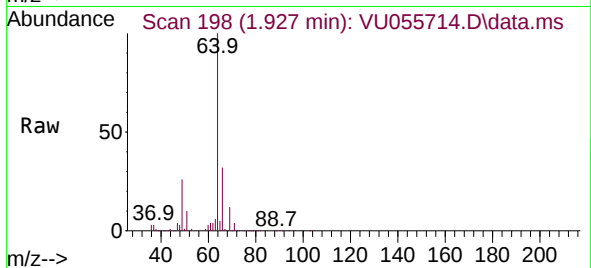




#8
Chloroethane
Concen: 151.694 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

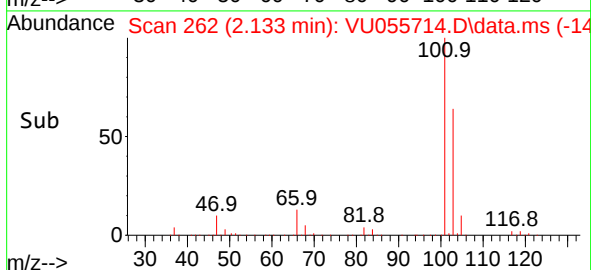
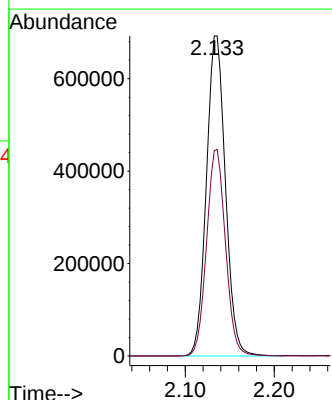
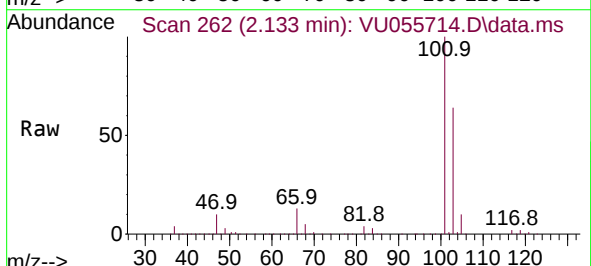
Instrument :
MSVOA_U
ClientSampleId :

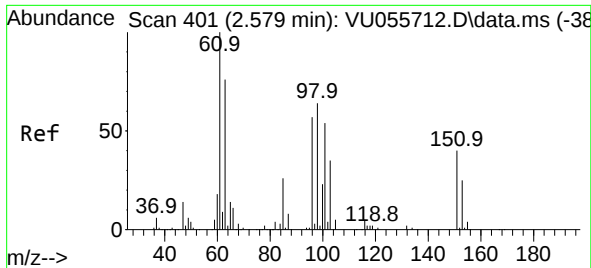
Tgt Ion: 64 Resp: 463562
Ion Ratio Lower Upper
64 100
66 32.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 146.411 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.006 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion:101 Resp: 1025044
Ion Ratio Lower Upper
101 100
103 64.2 51.3 76.9

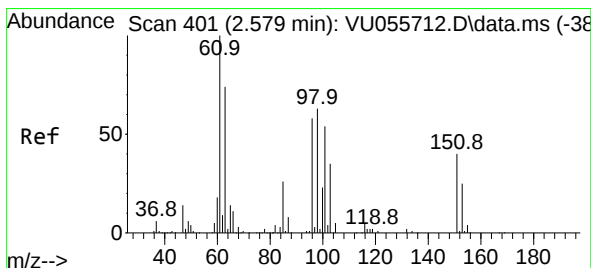
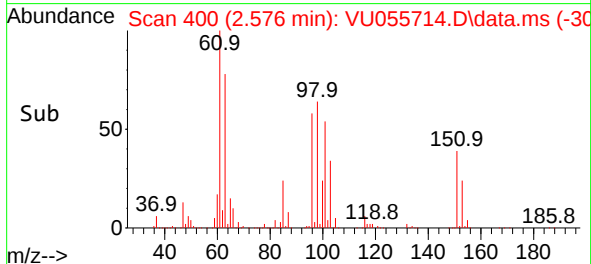
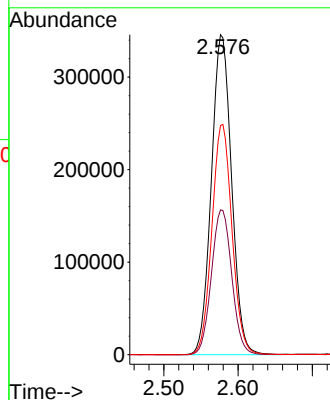
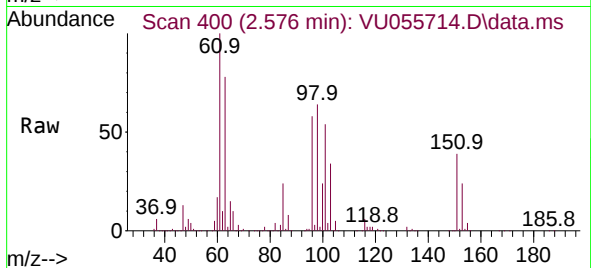




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 229.883 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU055714.D
 Acq: 10 Oct 2023 11:42

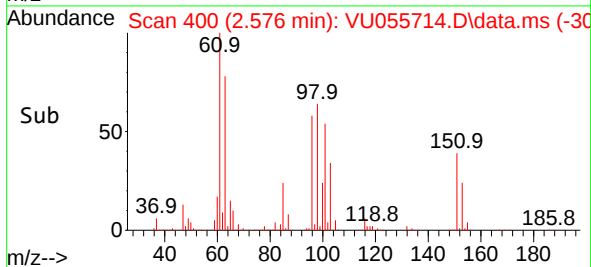
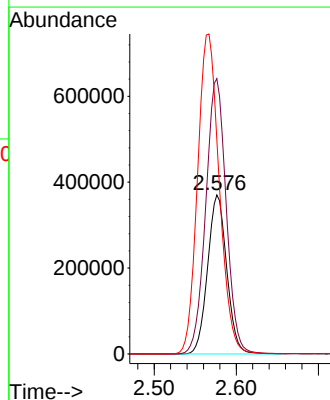
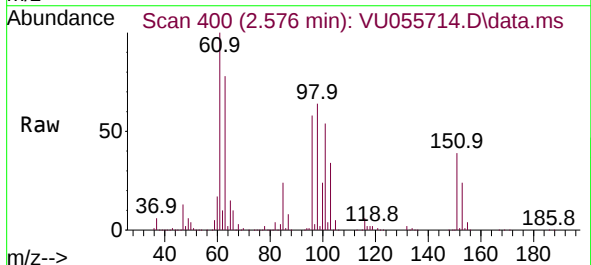
Instrument :
 MSVOA_U
 ClientSampleId :

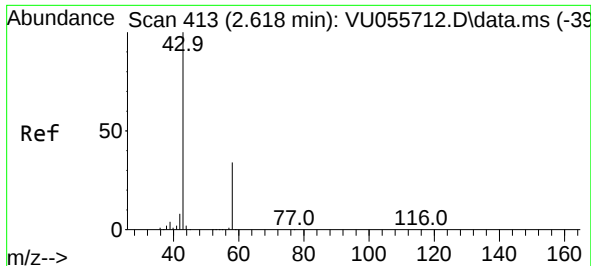
Tgt Ion:101 Resp: 654801
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.1 55.7
 151 71.7 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 225.654 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU055714.D
 Acq: 10 Oct 2023 11:42

Tgt Ion: 96 Resp: 598720
 Ion Ratio Lower Upper
 96 100
 61 173.2 122.0 226.6
 63 134.8 93.7 174.1





#13

Acetone

Concen: 513.661 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

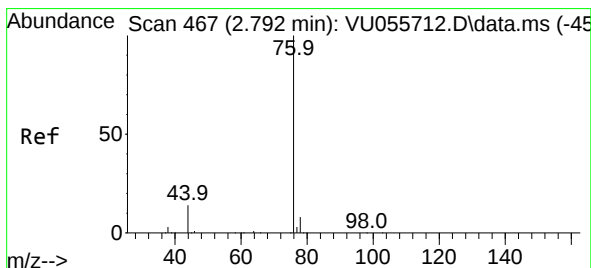
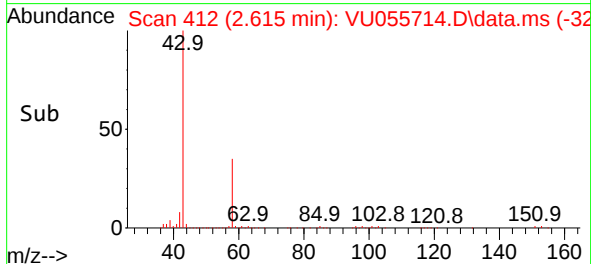
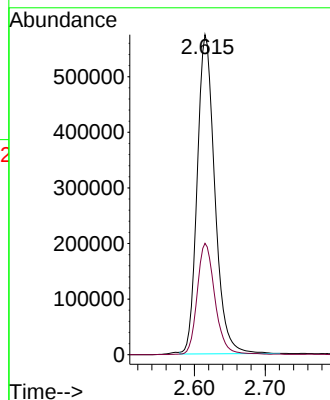
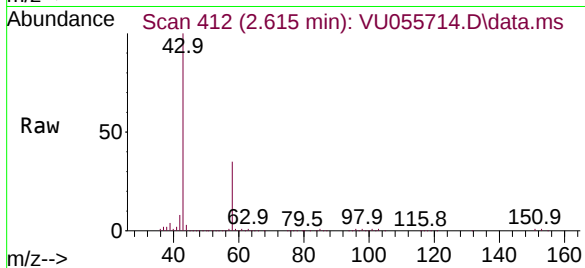
ClientSampleId :

Tgt Ion: 43 Resp: 988989

Ion Ratio Lower Upper

43 100

58 35.5 0.0 67.4



#14

Carbon disulfide

Concen: 225.153 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055714.D

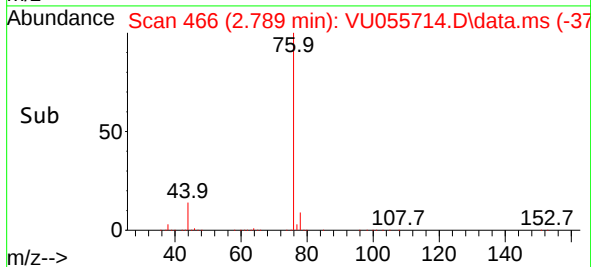
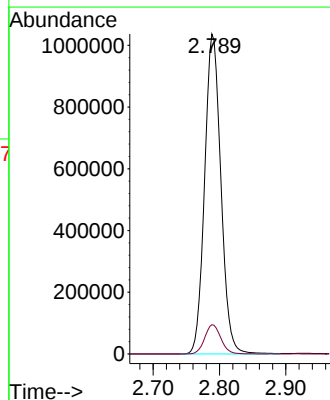
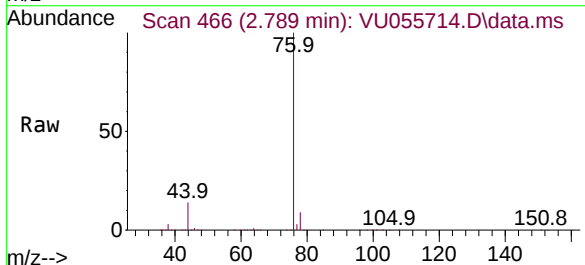
Acq: 10 Oct 2023 11:42

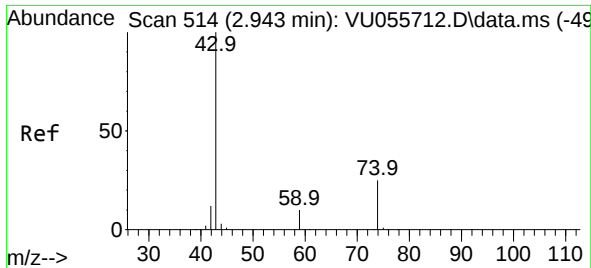
Tgt Ion: 76 Resp: 1768355

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

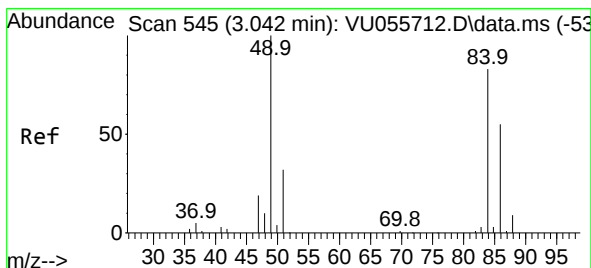
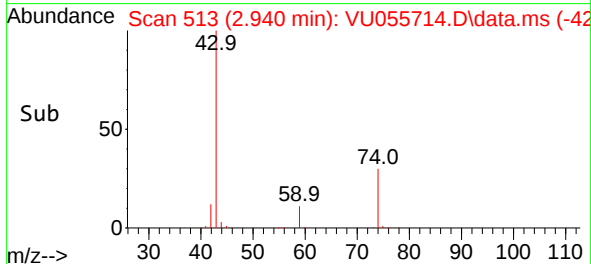
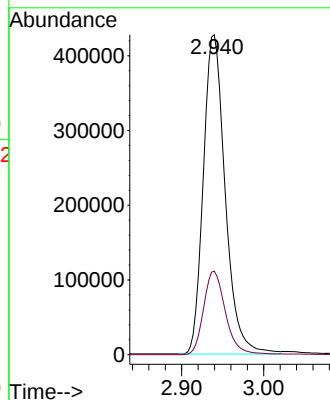
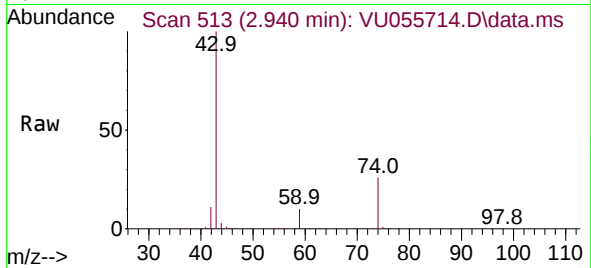




#15
Methyl Acetate
Concen: 253.681 ug/L
RT: 2.940 min Scan# 514
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

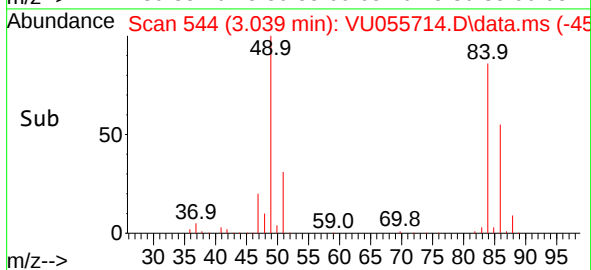
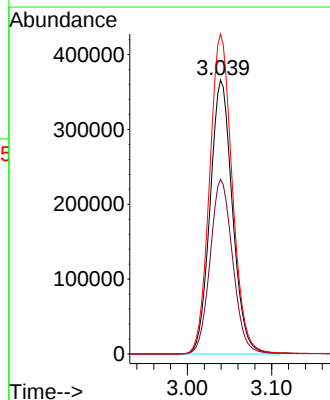
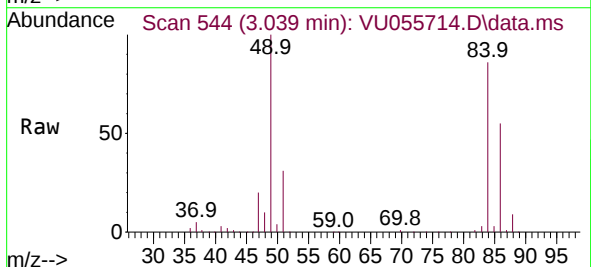
Instrument :
MSVOA_U
ClientSampleId :

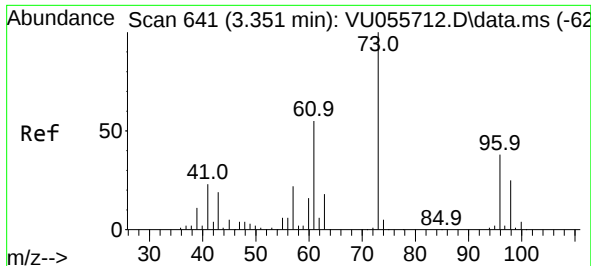
Tgt Ion: 43 Resp: 792719
Ion Ratio Lower Upper
43 100
74 26.1 19.5 29.3



#16
Methylene chloride
Concen: 210.316 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion: 84 Resp: 675544
Ion Ratio Lower Upper
84 100
86 63.7 46.3 86.1
49 116.8 84.8 157.6

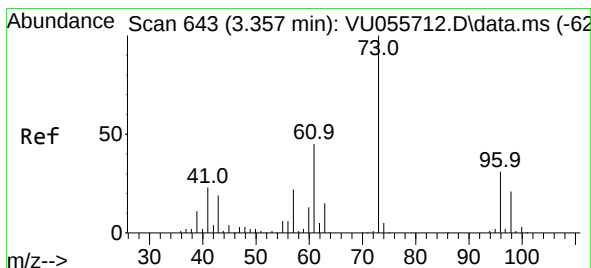
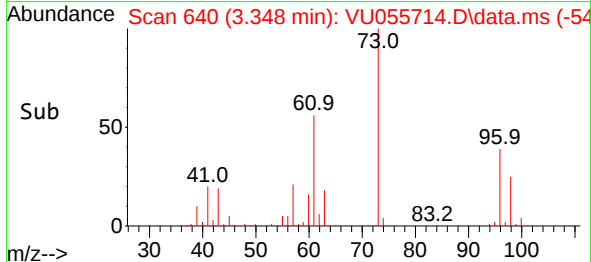
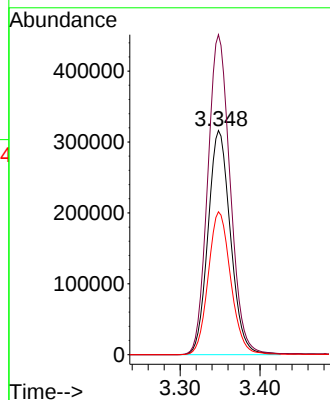
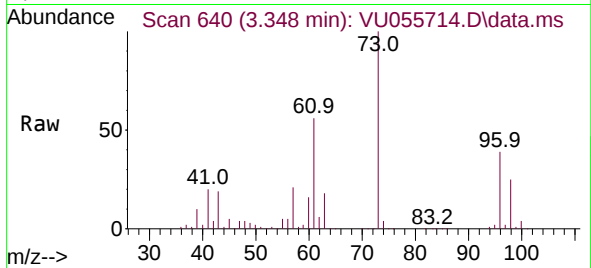




#17
trans-1,2-Dichloroethene
Concen: 224.844 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

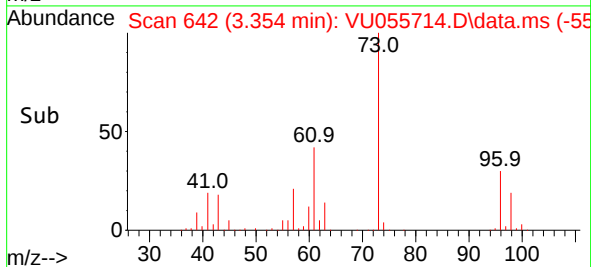
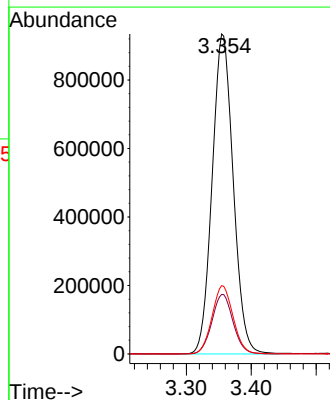
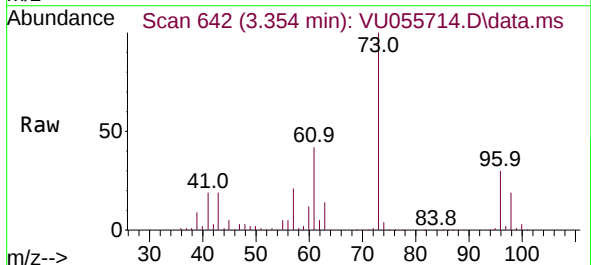
Instrument :
MSVOA_U
ClientSampleId :

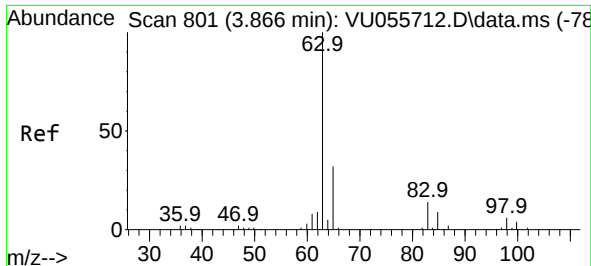
Tgt Ion: 96 Resp: 618231
Ion Ratio Lower Upper
96 100
61 142.7 102.1 189.7
98 63.7 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 223.852 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

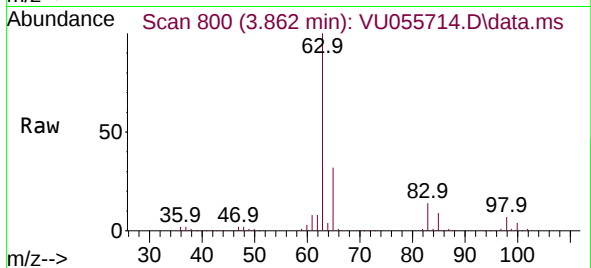
Tgt Ion: 73 Resp: 2100225
Ion Ratio Lower Upper
73 100
43 18.6 15.4 23.2
57 21.3 17.7 26.5



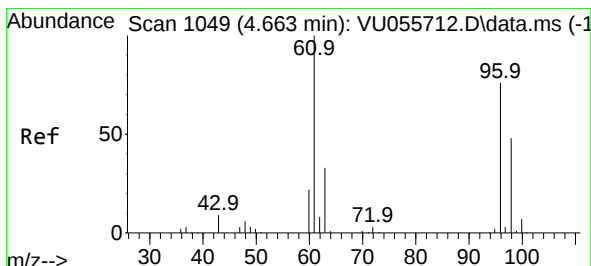
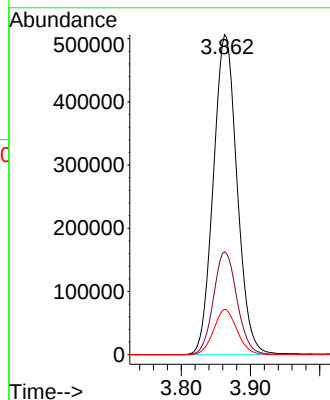
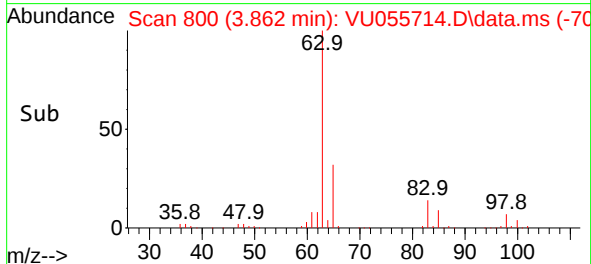


#19
1,1-Dichloroethane
Concen: 226.010 ug/L
RT: 3.862 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

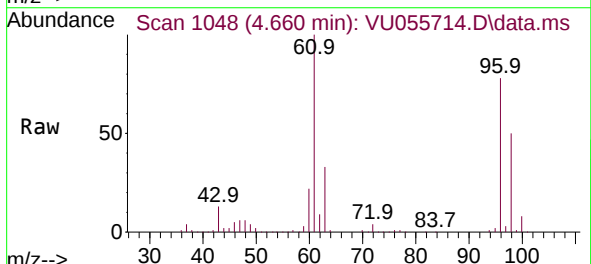
Instrument :
MSVOA_U
ClientSampleId :



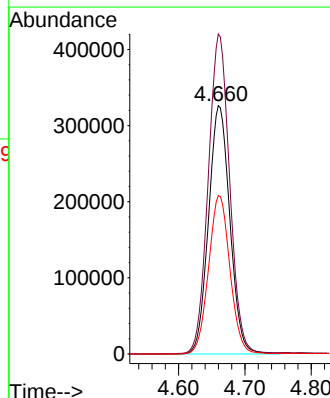
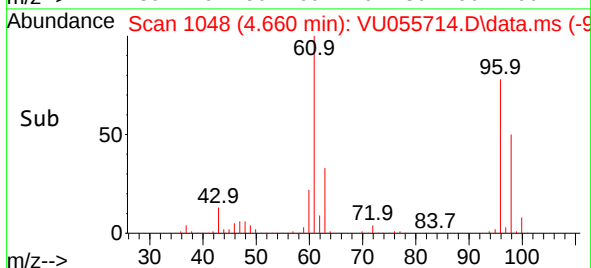
Tgt Ion: 63 Resp: 1203666
Ion Ratio Lower Upper
63 100
65 32.2 22.3 41.5
83 14.2 9.5 17.7

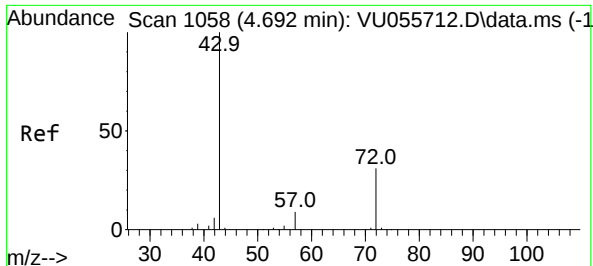


#20
cis-1,2-Dichloroethene
Concen: 224.339 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42



Tgt Ion: 96 Resp: 730422
Ion Ratio Lower Upper
96 100
61 128.8 92.3 171.5
98 63.8 43.9 81.5





#22

2-Butanone

Concen: 504.966 ug/L

RT: 4.689 min Scan# 1057

Delta R.T. -0.003 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

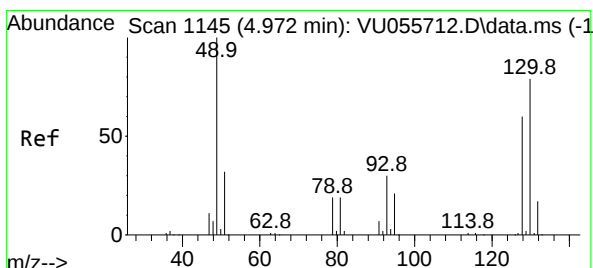
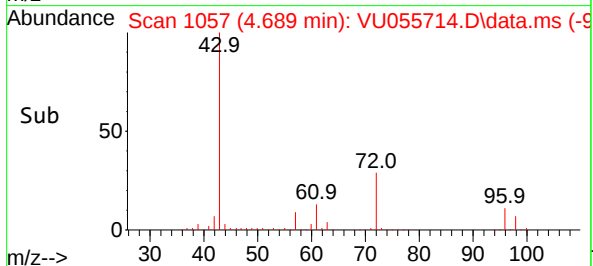
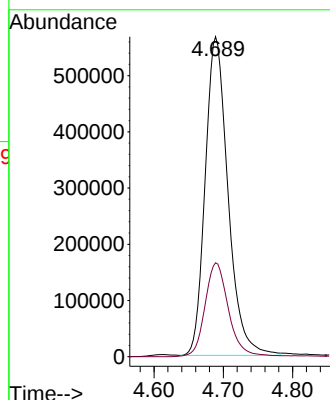
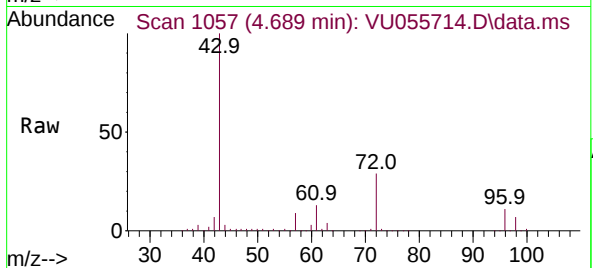
ClientSampleId :

Tgt Ion: 43 Resp: 1297420

Ion Ratio Lower Upper

43 100

72 30.4 14.6 44.0



#23

Bromochloromethane

Concen: 213.652 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Tgt Ion:128 Resp: 355921

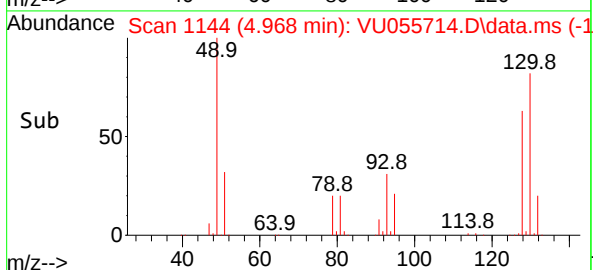
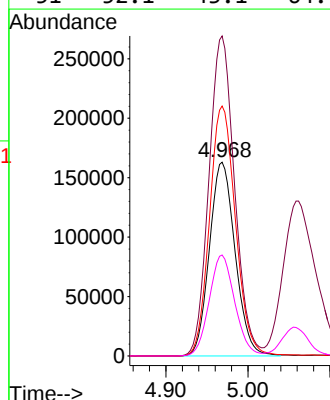
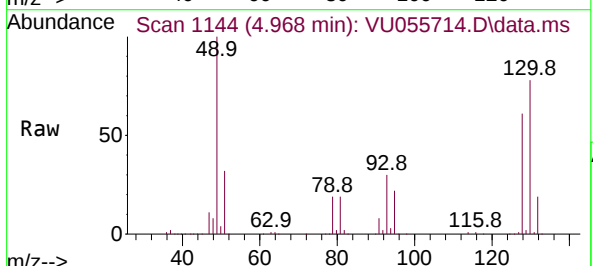
Ion Ratio Lower Upper

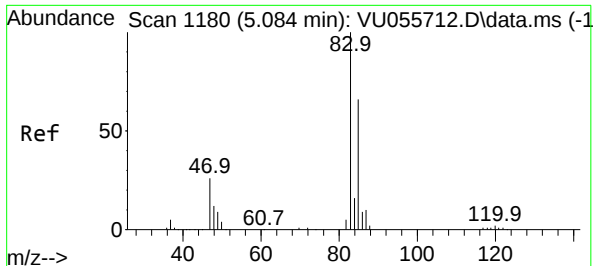
128 100

49 165.1 116.3 216.1

130 129.0 91.6 170.0

51 52.1 43.1 64.7





#25

Chloroform

Concen: 227.046 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

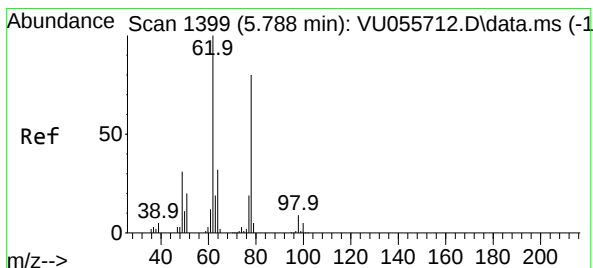
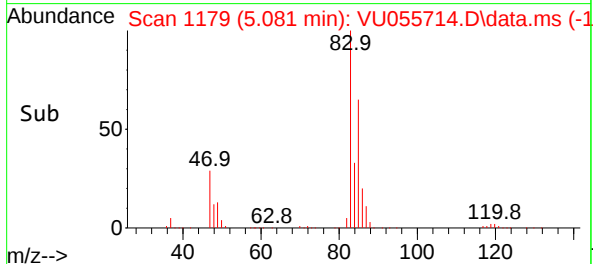
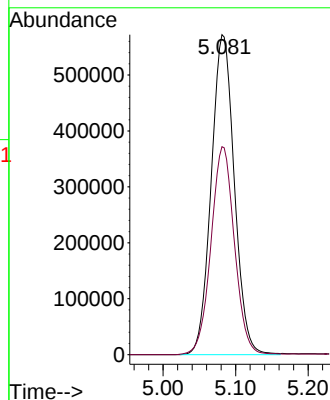
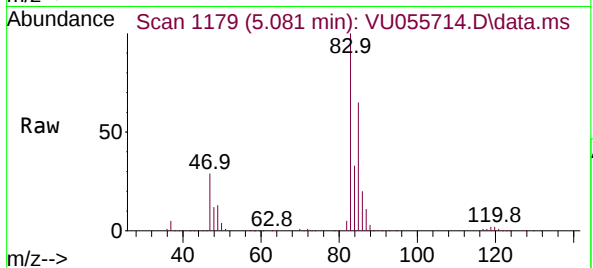
ClientSampleId :

Tgt Ion: 83 Resp: 1266709

Ion Ratio Lower Upper

83 100

85 65.0 46.3 86.1



#27

1,2-Dichloroethane

Concen: 236.329 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU055714.D

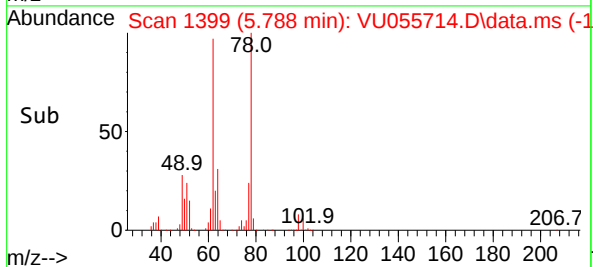
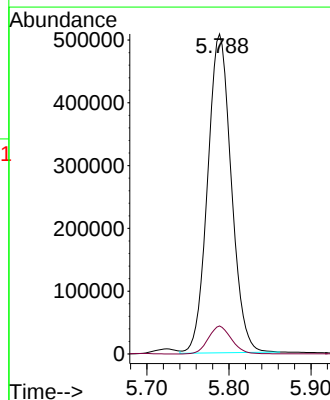
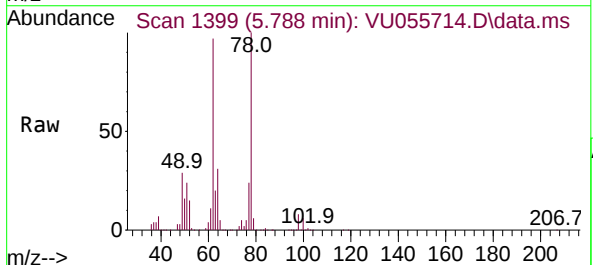
Acq: 10 Oct 2023 11:42

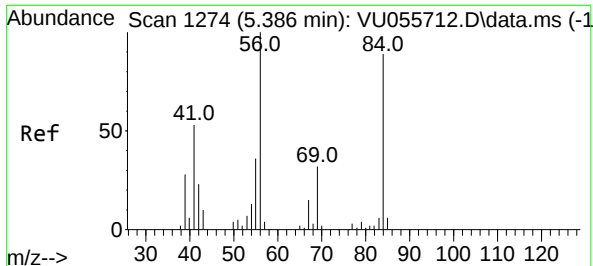
Tgt Ion: 62 Resp: 1018379

Ion Ratio Lower Upper

62 100

98 8.7 7.2 10.8





#29

Cyclohexane

Concen: 231.698 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

ClientSampleId :

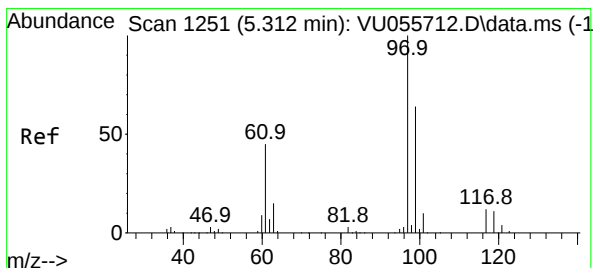
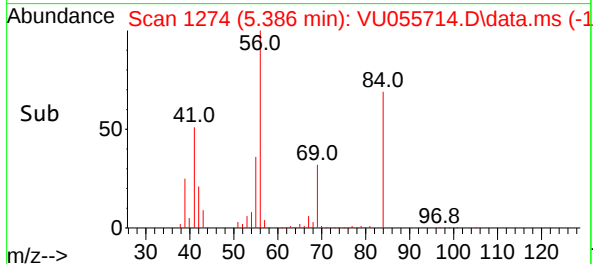
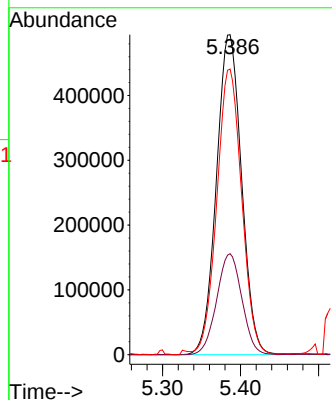
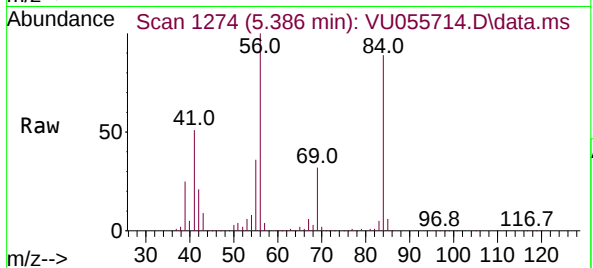
Tgt Ion: 56 Resp: 1107209

Ion Ratio Lower Upper

56 100

69 31.6 24.9 37.3

84 88.2 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 227.355 ug/L

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

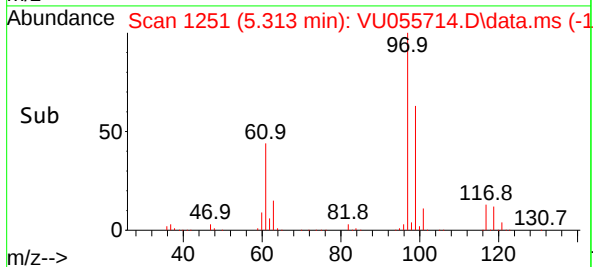
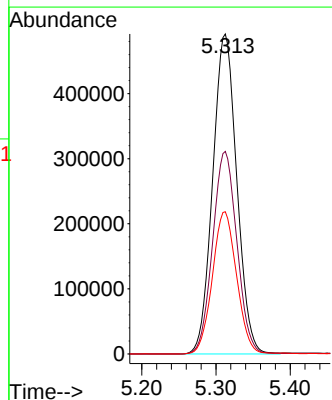
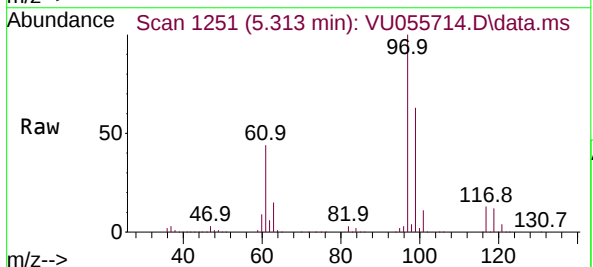
Tgt Ion: 97 Resp: 1109035

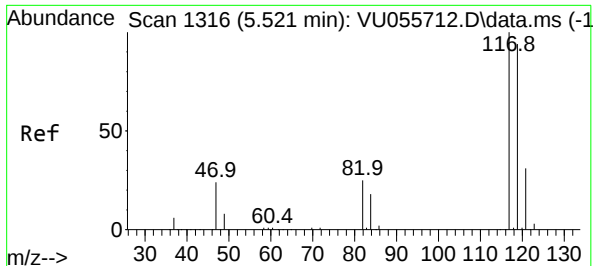
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 44.7 36.8 55.2

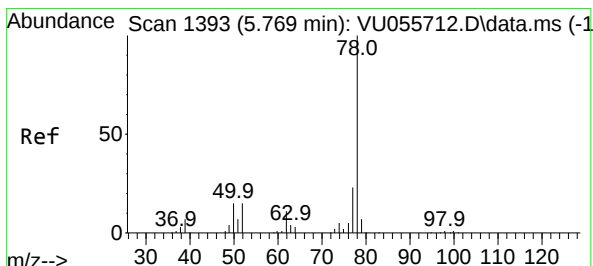
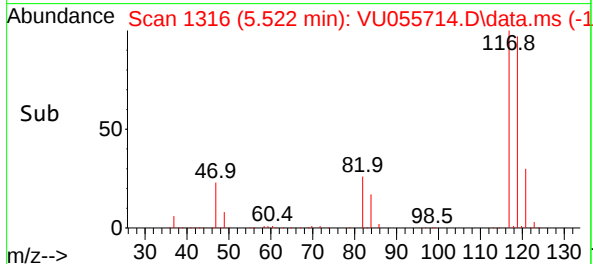
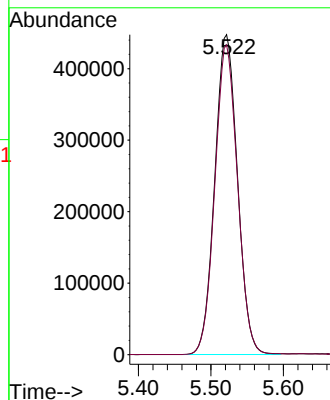
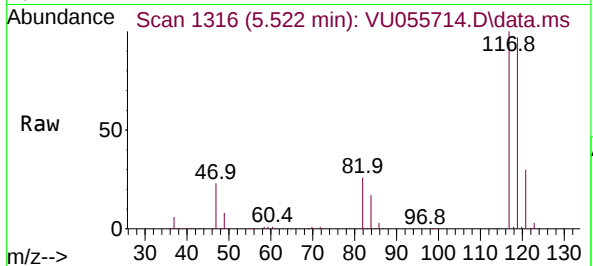




#31
Carbon tetrachloride
Concen: 231.190 ug/L
RT: 5.522 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

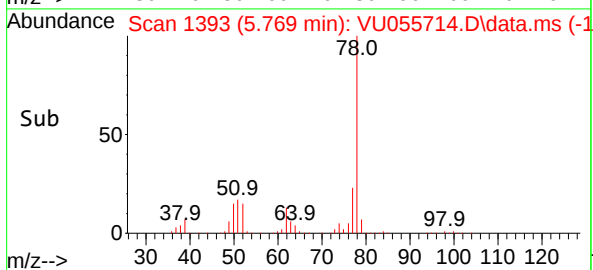
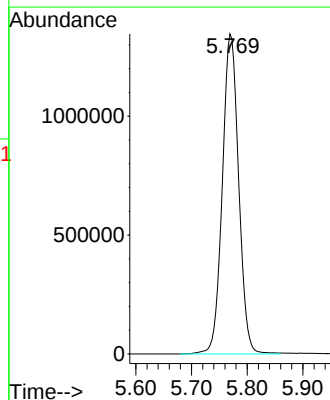
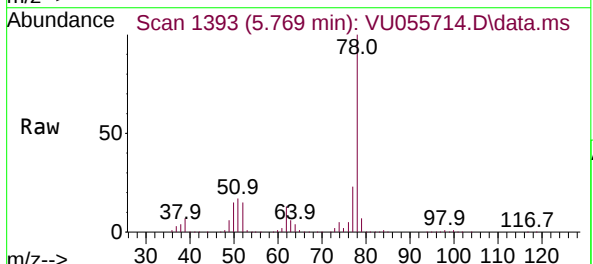
Instrument :
MSVOA_U
ClientSampleId :

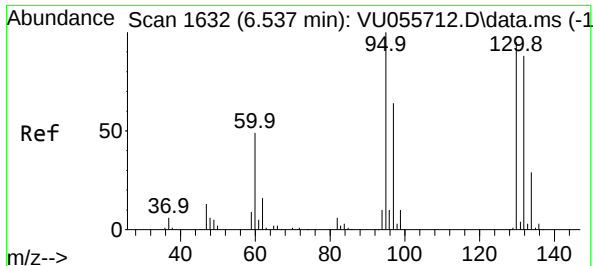
Tgt Ion:117 Resp: 974584
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.0



#33
Benzene
Concen: 219.484 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion: 78 Resp: 2743848

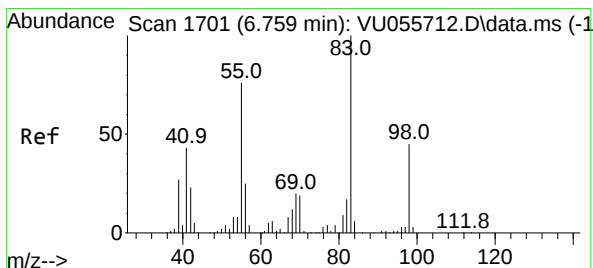
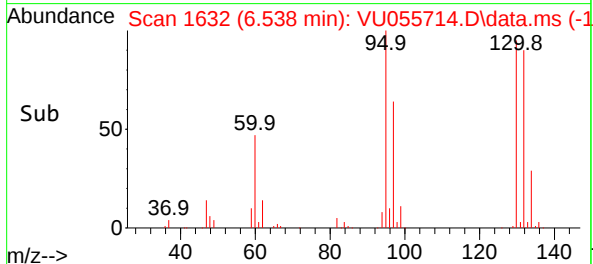
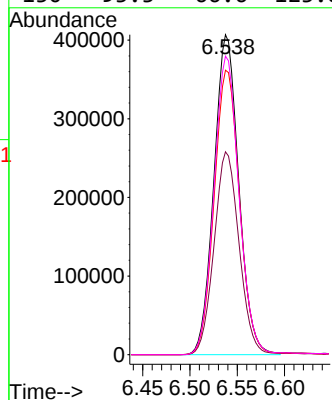
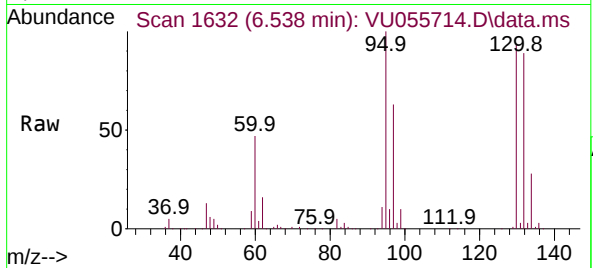




#34
Trichloroethene
Concen: 231.516 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

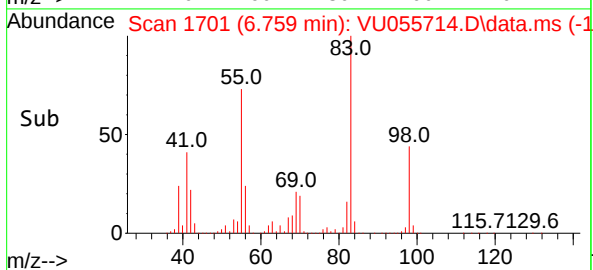
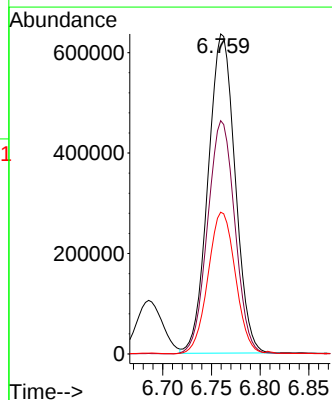
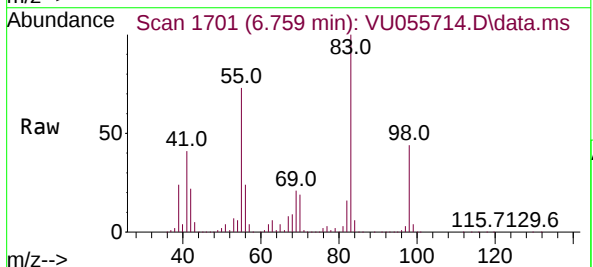
Instrument :
MSVOA_U
ClientSampleId :

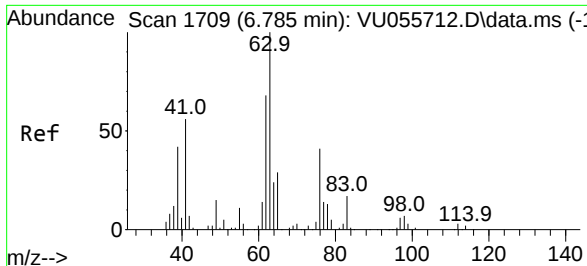
Tgt Ion: 95 Resp: 743250
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.5
132 88.9 61.8 114.8
130 93.3 66.6 123.8



#35
Methylcyclohexane
Concen: 238.432 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion: 83 Resp: 1226242
Ion Ratio Lower Upper
83 100
55 73.9 61.2 91.8
98 45.1 35.8 53.6





#37

1,2-Dichloropropane

Concen: 215.054 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

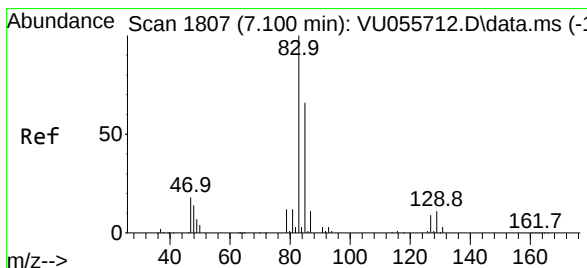
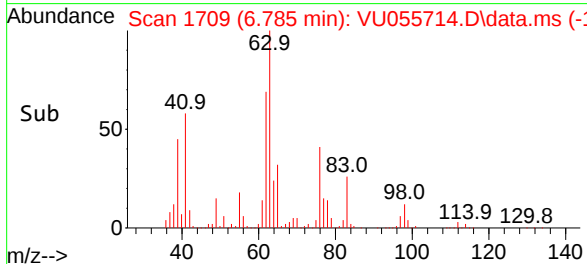
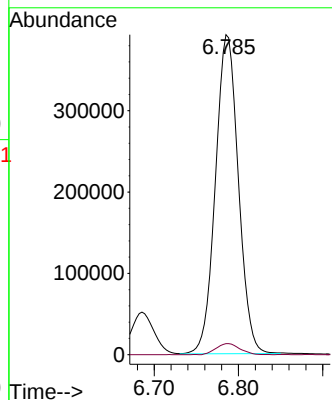
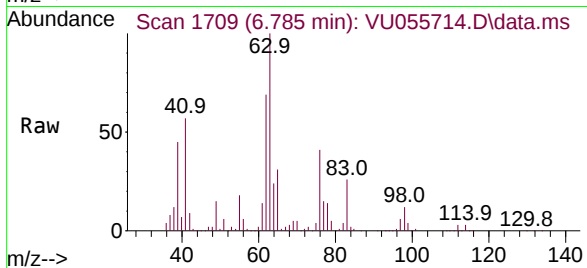
ClientSampleId :

Tgt Ion: 63 Resp: 741843

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 225.003 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

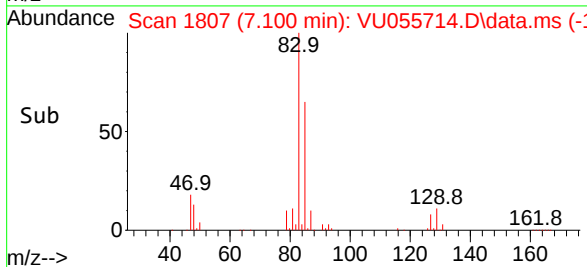
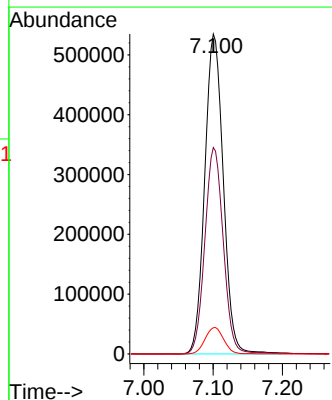
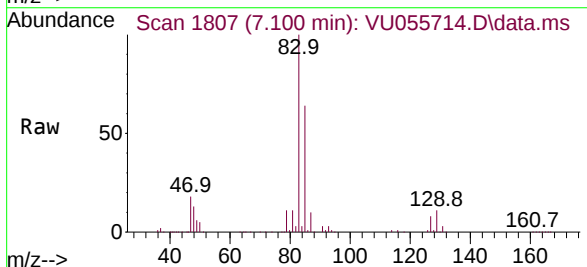
Tgt Ion: 83 Resp: 993207

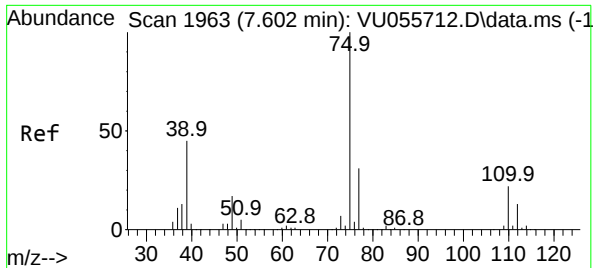
Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4

127 8.2 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 218.950 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

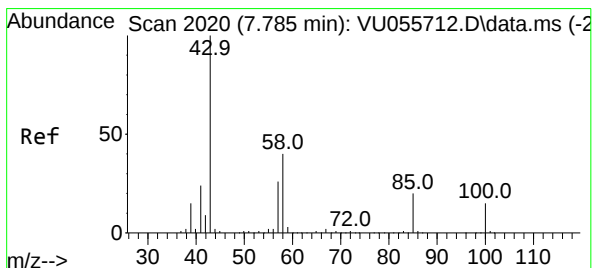
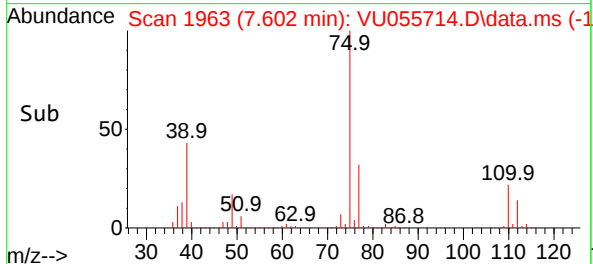
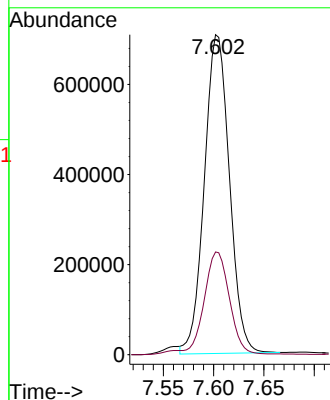
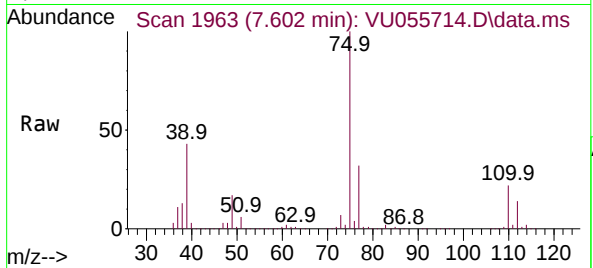
ClientSampleId :

Tgt Ion: 75 Resp: 1226989

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 440.641 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

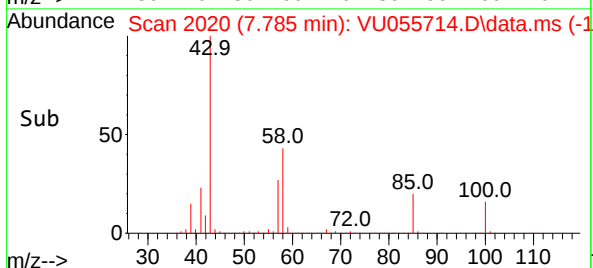
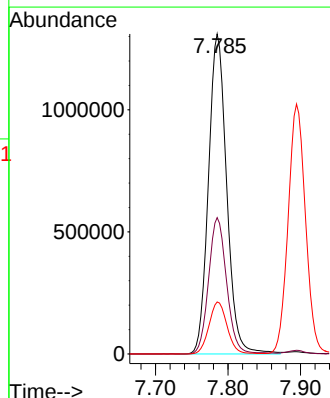
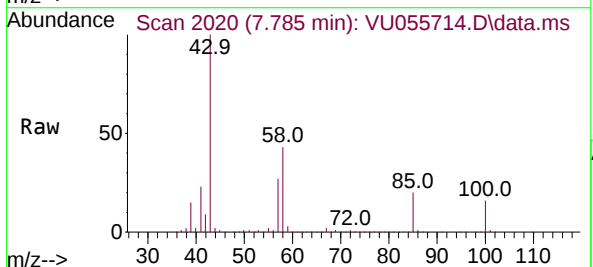
Tgt Ion: 43 Resp: 2286336

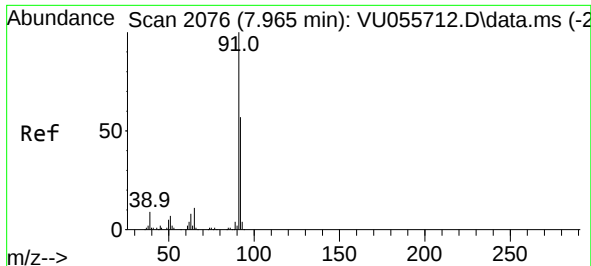
Ion Ratio Lower Upper

43 100

58 42.1 32.3 48.5

100 16.2 12.0 18.0





#42

Toluene

Concen: 217.344 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

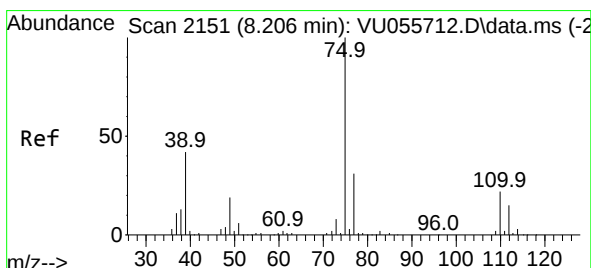
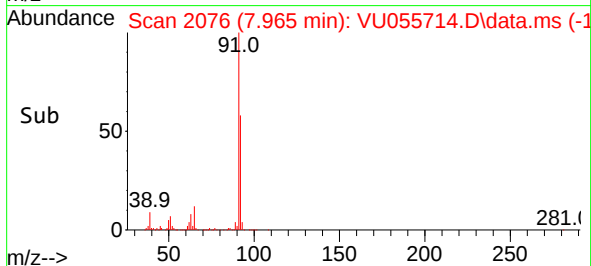
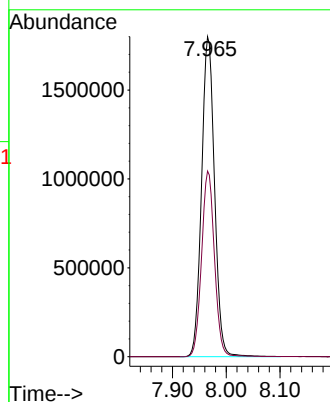
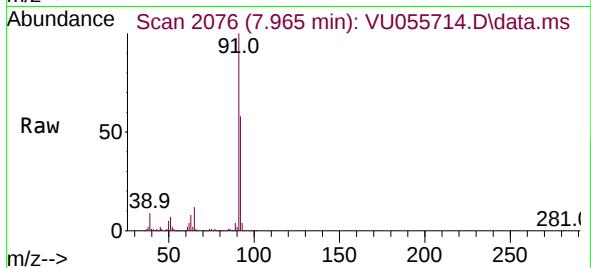
ClientSampleId :

Tgt Ion: 91 Resp: 3013396

Ion Ratio Lower Upper

91 100

92 58.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 228.081 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055714.D

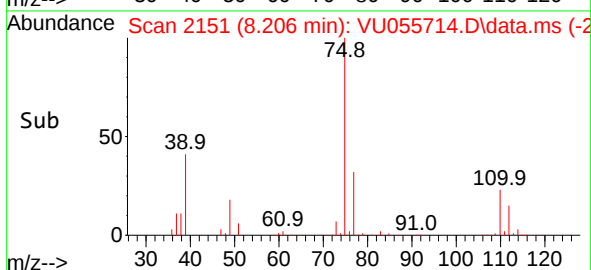
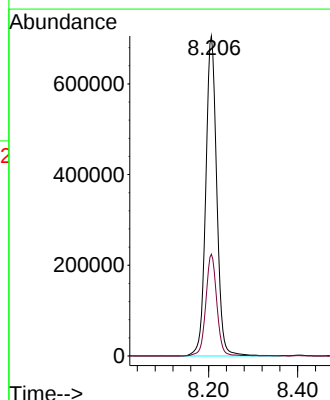
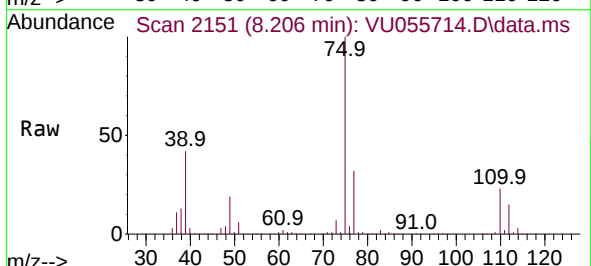
Acq: 10 Oct 2023 11:42

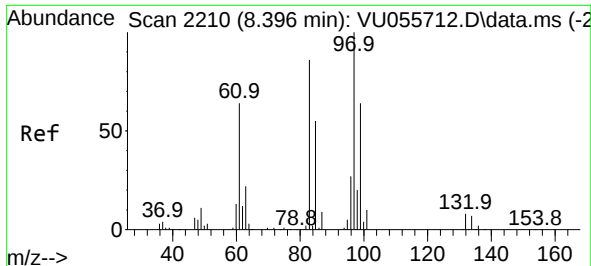
Tgt Ion: 75 Resp: 1206017

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.2

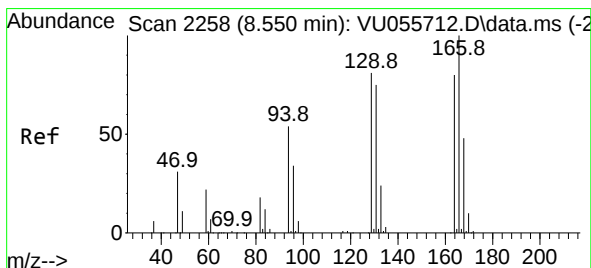
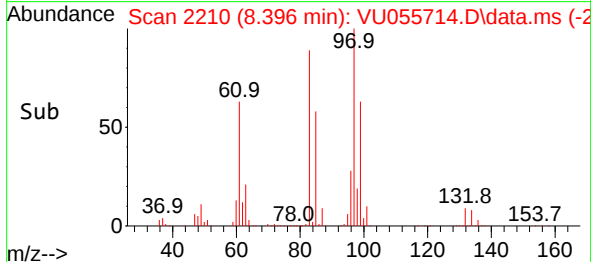
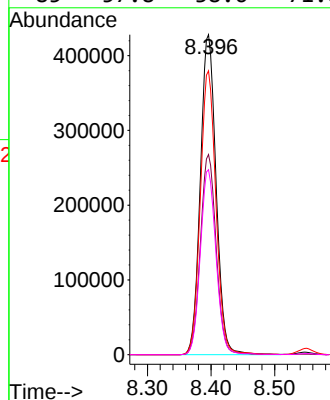
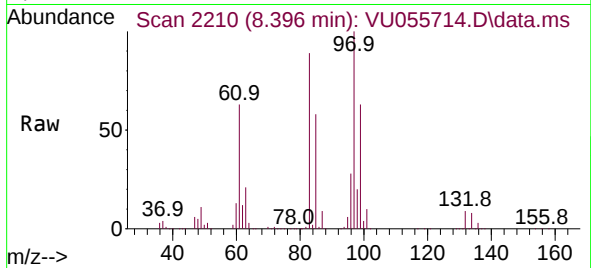




#45
1,1,2-Trichloroethane
Concen: 211.684 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

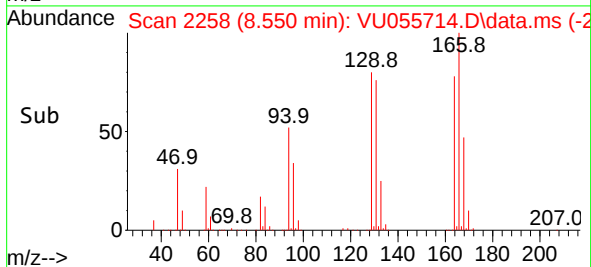
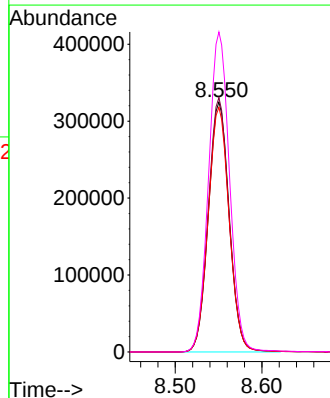
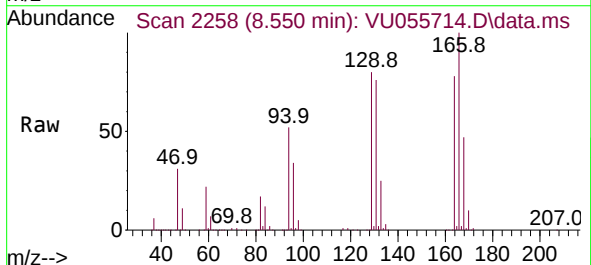
Instrument :
MSVOA_U
ClientSampleId :

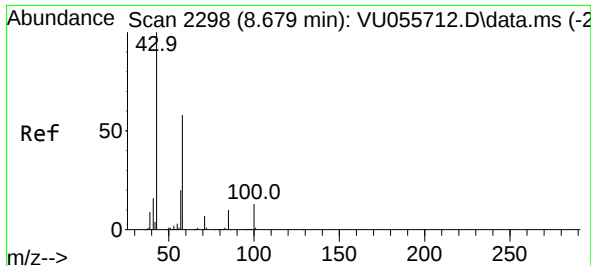
Tgt Ion:	97	Resp:	736533
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.4	82.5
83	88.7	60.4	112.2
85	57.8	38.6	71.8



#46
Tetrachloroethene
Concen: 224.510 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

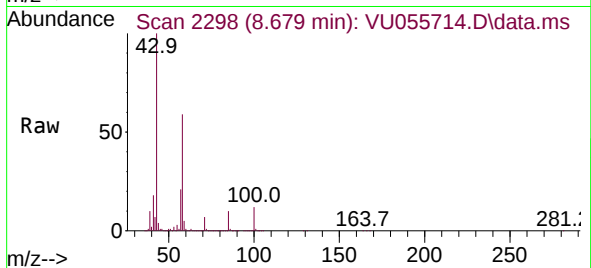
Tgt Ion:	164	Resp:	545197
Ion	Ratio	Lower	Upper
164	100		
129	101.8	70.7	131.3
131	97.9	65.9	122.5
166	128.1	87.8	163.0





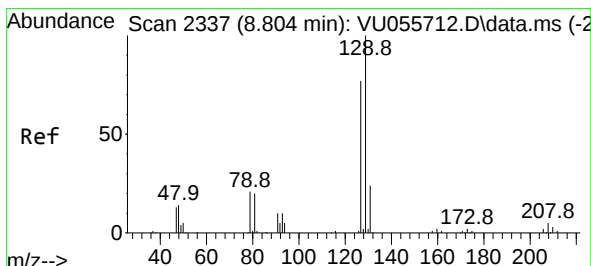
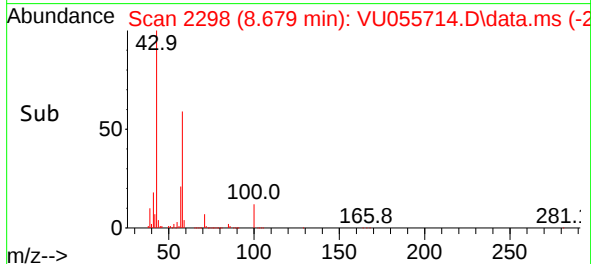
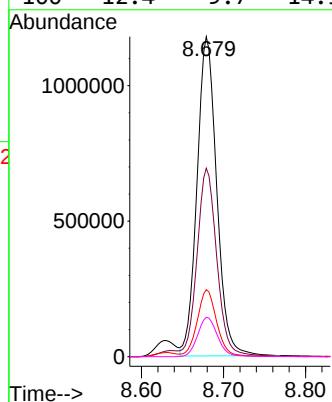
#48
2-Hexanone
Concen: 453.246 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1968092

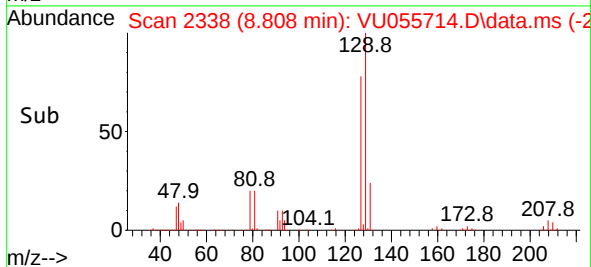
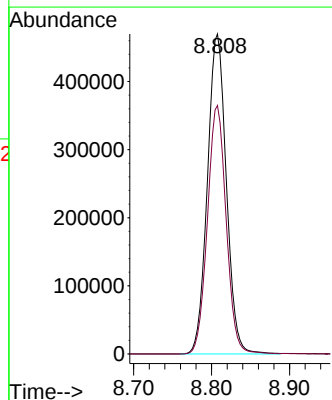
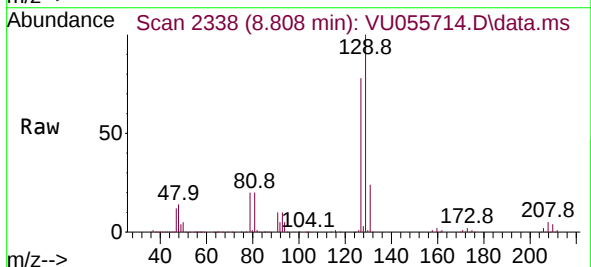
Ion	Ratio	Lower	Upper
43	100		
58	59.5	45.2	67.8
57	20.8	16.1	24.1
100	12.4	9.7	14.5

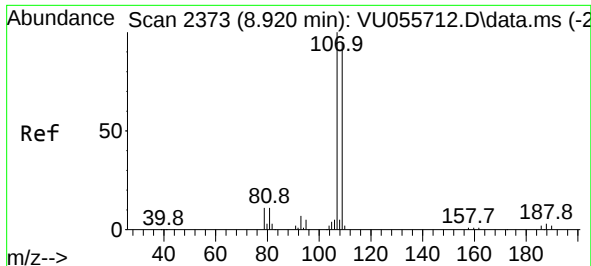


#49
Dibromochloromethane
Concen: 221.450 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion: 129 Resp: 792933

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.0	100.4

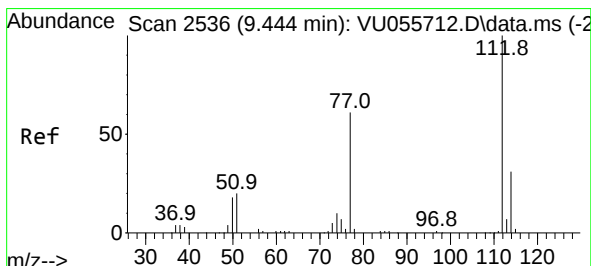
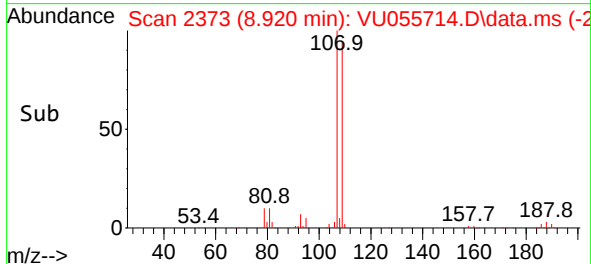
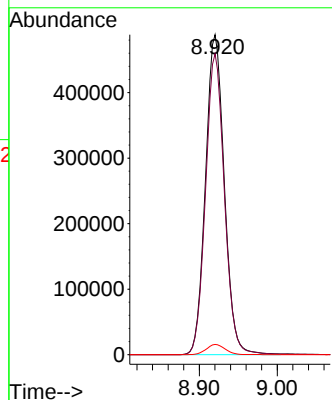
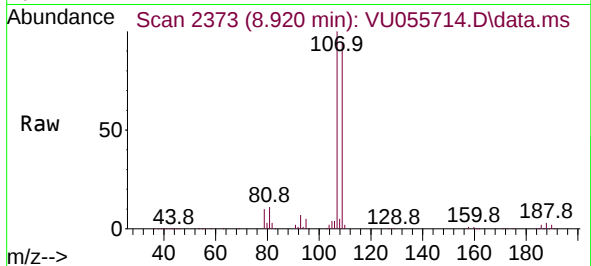




#50
1,2-Dibromoethane
Concen: 219.944 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

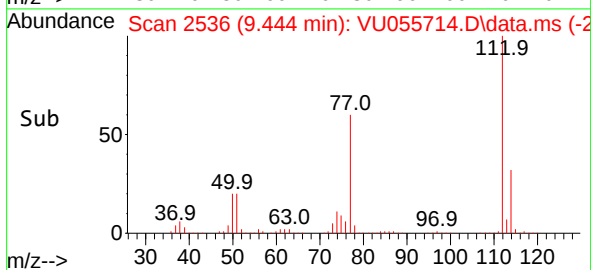
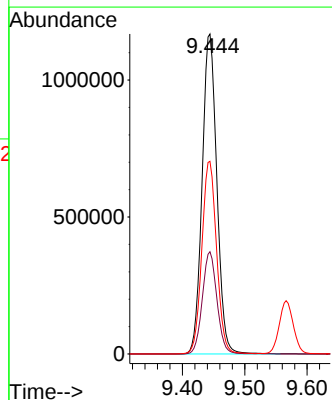
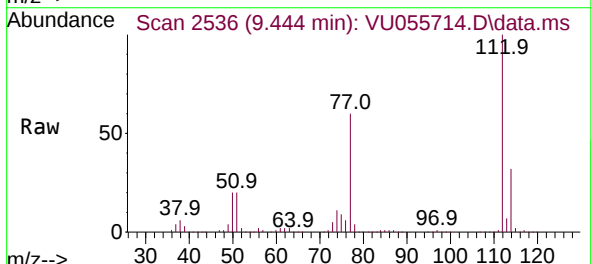
Instrument :
MSVOA_U
ClientSampleId :

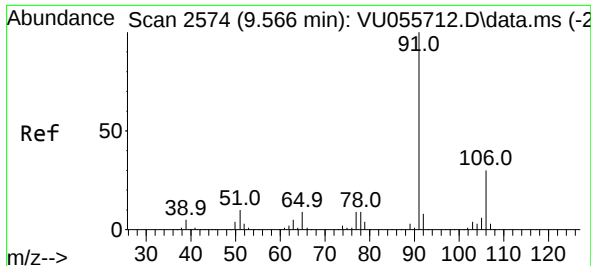
Tgt Ion:107 Resp: 820333
Ion Ratio Lower Upper
107 100
109 94.0 66.7 123.9
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 214.658 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion:112 Resp: 1917974
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 60.2 49.0 73.6

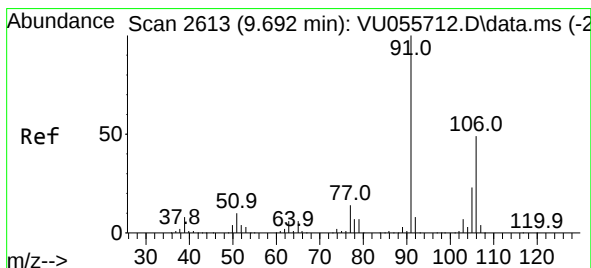
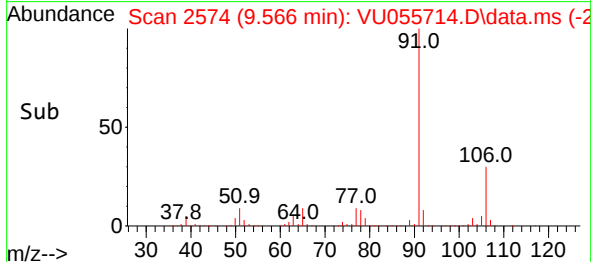
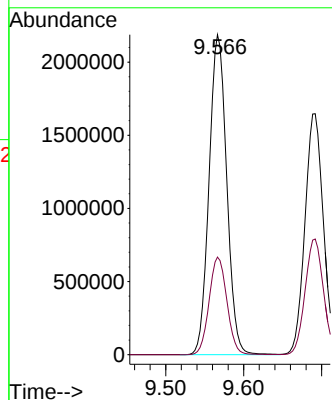
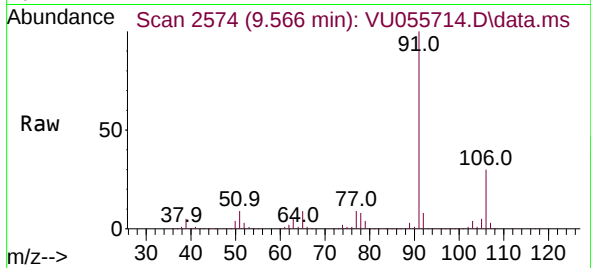




#52
Ethylbenzene
Concen: 218.023 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

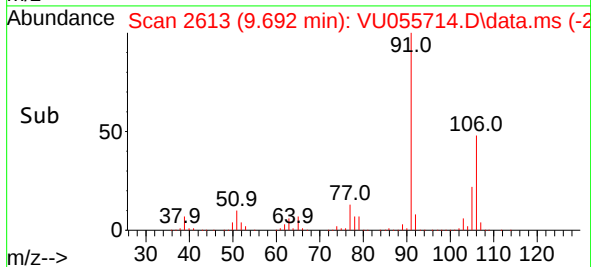
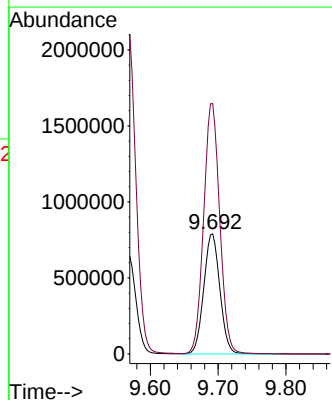
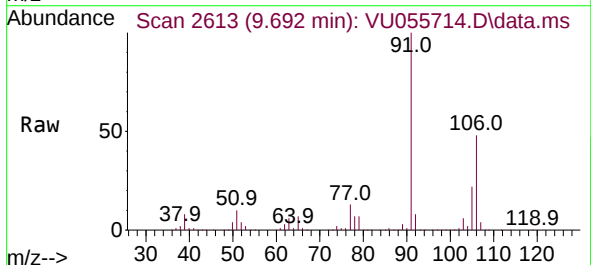
Instrument :
MSVOA_U
ClientSampleId :

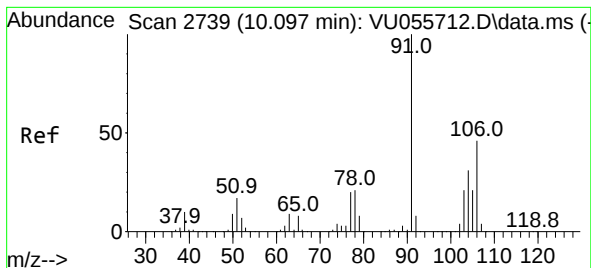
Tgt Ion: 91 Resp: 3445121
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 216.418 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion: 106 Resp: 1303084
Ion Ratio Lower Upper
106 100
91 208.3 143.8 267.0





#54

o-Xylene

Concen: 207.889 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

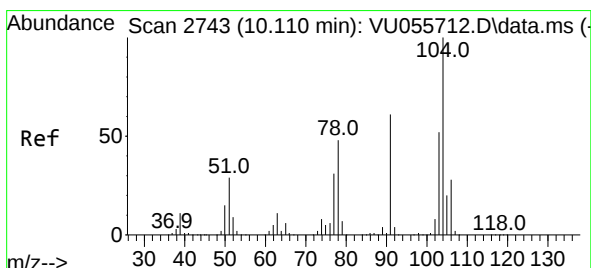
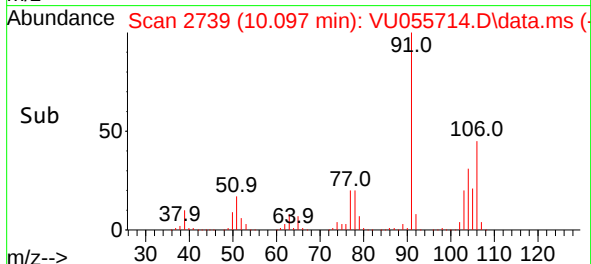
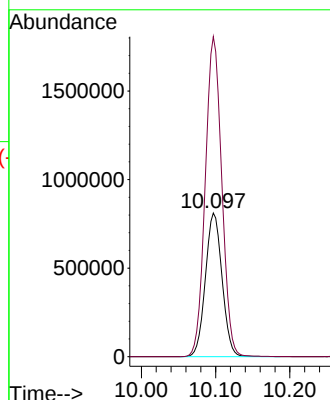
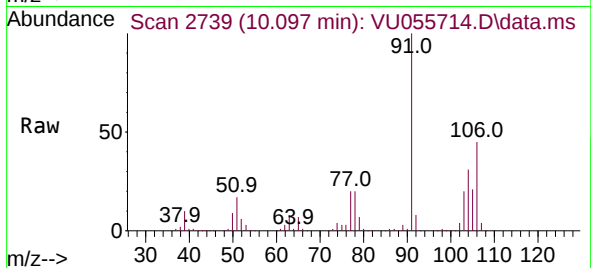
ClientSampleId :

Tgt Ion:106 Resp: 1262444

Ion Ratio Lower Upper

106 100

91 222.7 151.8 282.0



#55

Styrene

Concen: 207.363 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU055714.D

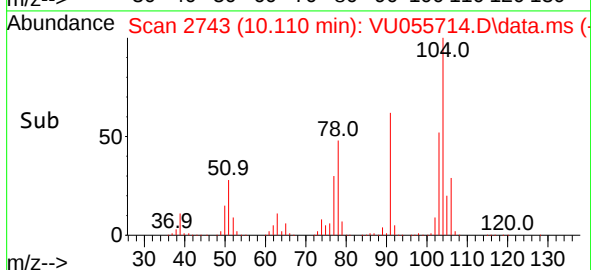
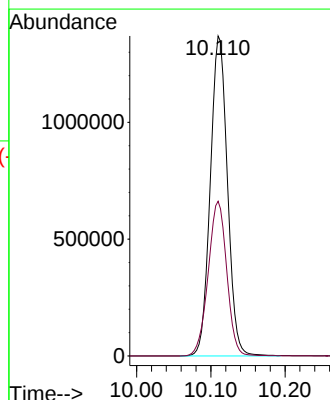
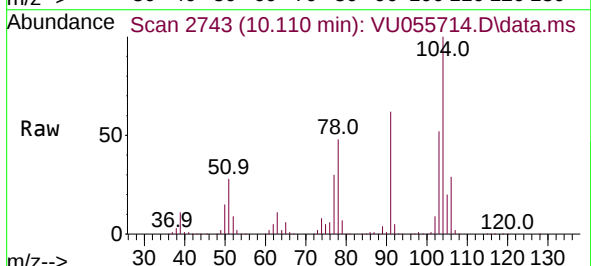
Acq: 10 Oct 2023 11:42

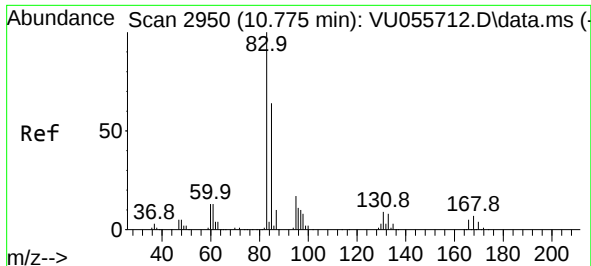
Tgt Ion:104 Resp: 2190243

Ion Ratio Lower Upper

104 100

78 48.3 33.6 62.4

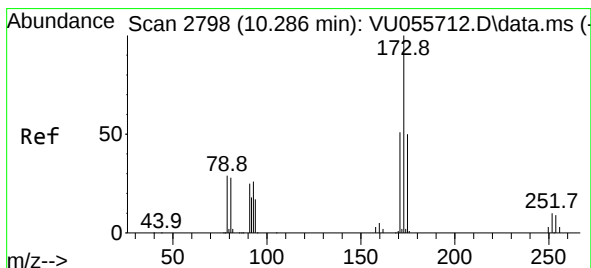
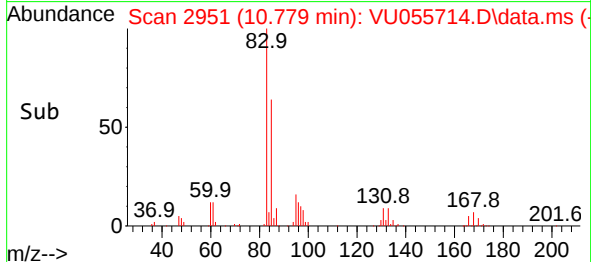
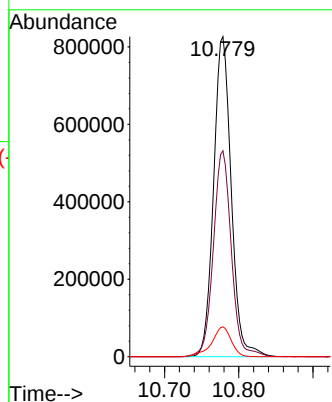
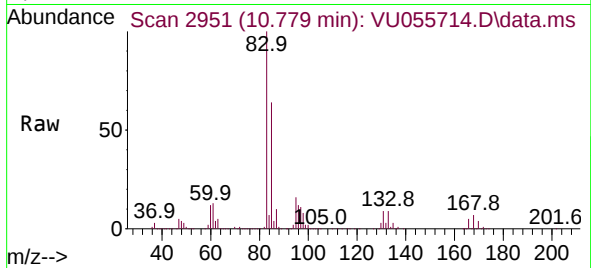




#57
1,1,2,2-Tetrachloroethane
Concen: 203.996 ug/L
RT: 10.779 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

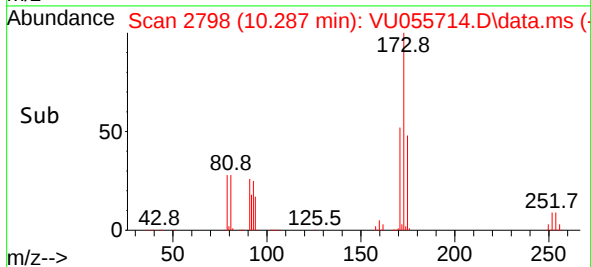
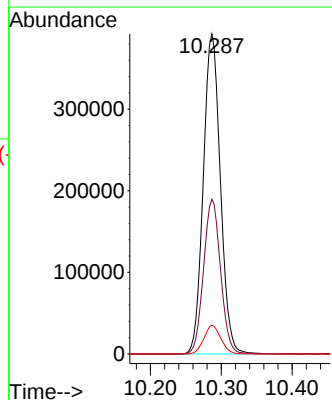
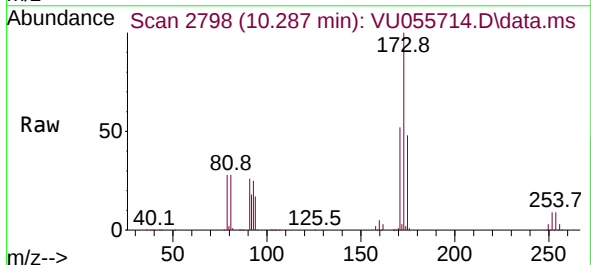
Instrument :
MSVOA_U
ClientSampleId :

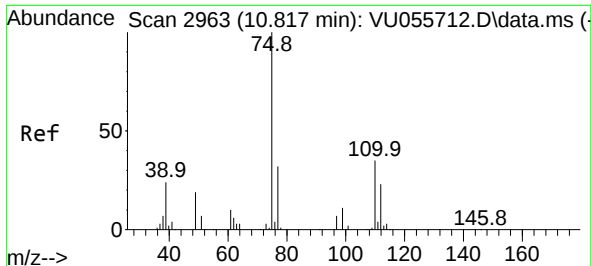
Tgt Ion: 83 Resp: 1362258
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
131 9.3 7.3 10.9



#59
Bromoform
Concen: 200.553 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion:173 Resp: 656296
Ion Ratio Lower Upper
173 100
175 48.1 40.4 60.6
254 8.9 7.3 10.9

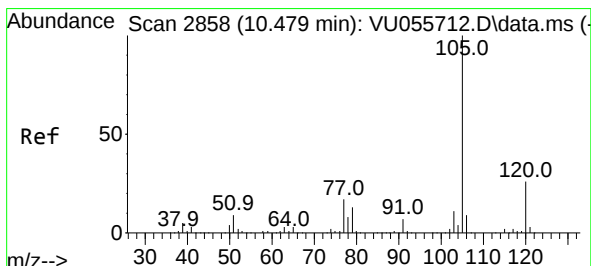
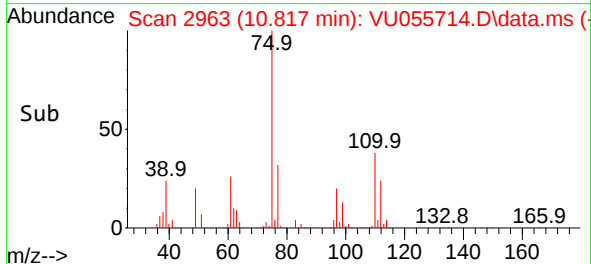
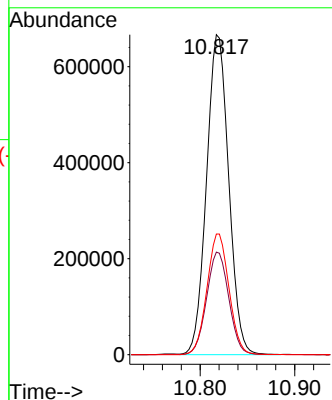
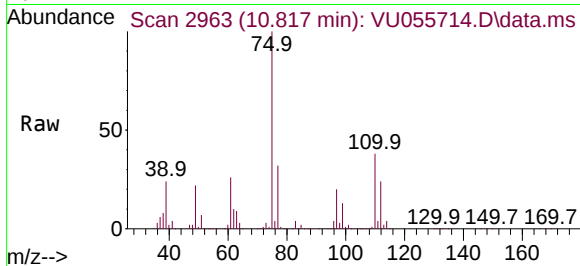




#60
1,2,3-Trichloropropane
Concen: 208.104 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

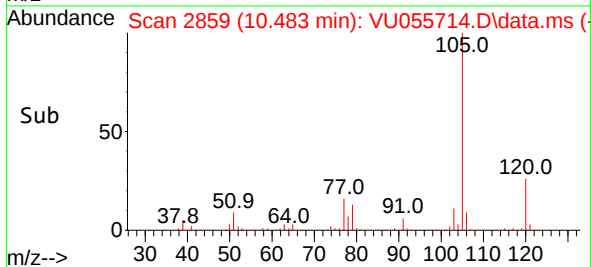
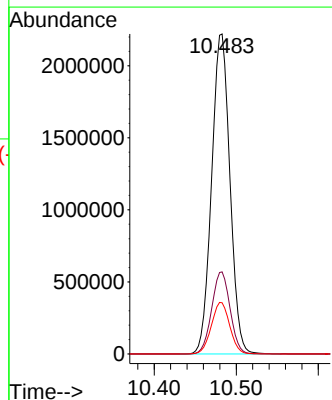
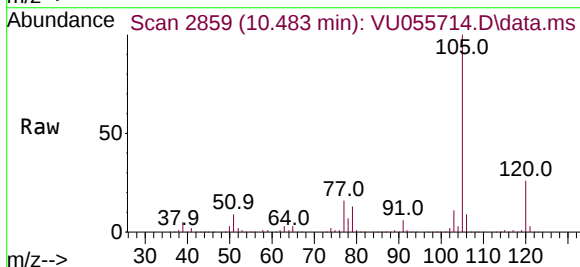
Instrument :
MSVOA_U
ClientSampleId :

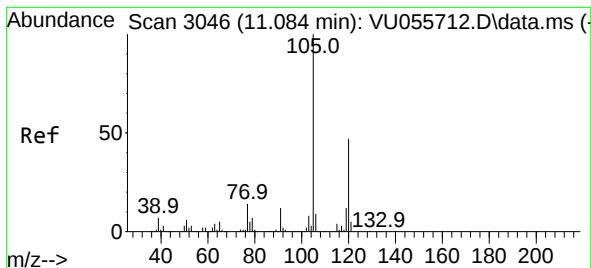
Tgt Ion: 75 Resp: 1086764
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 37.5 28.5 42.7



#61
Isopropylbenzene
Concen: 199.766 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion: 105 Resp: 3449573
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 16.2 13.4 20.0

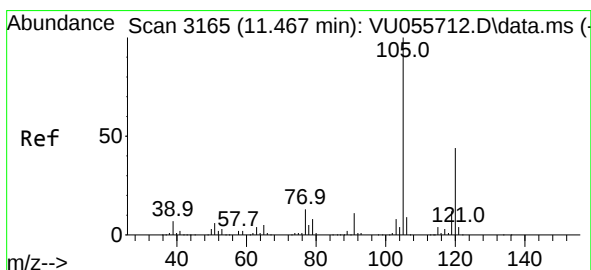
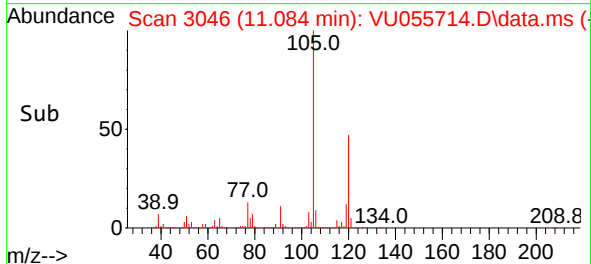
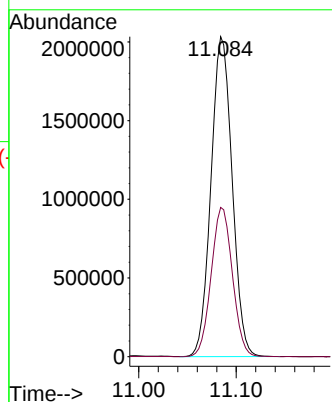
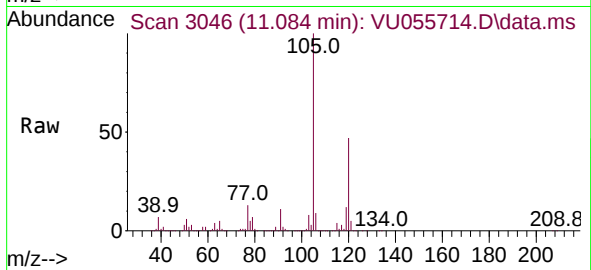




#62
1,3,5-Trimethylbenzene
Concen: 215.993 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

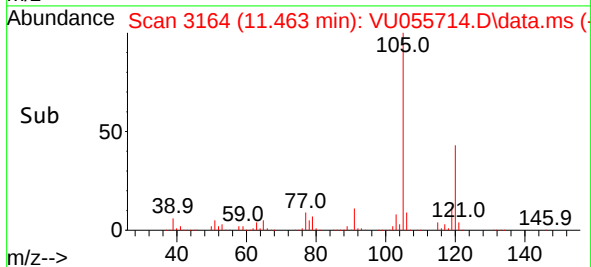
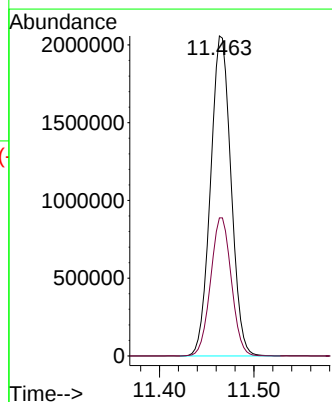
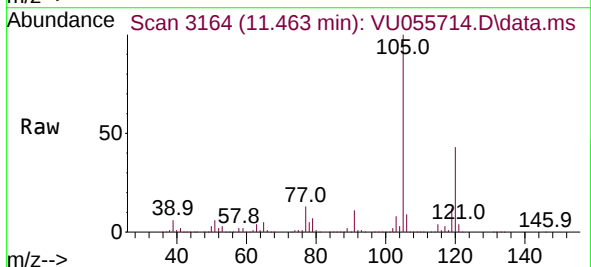
Instrument :
MSVOA_U
ClientSampleId :

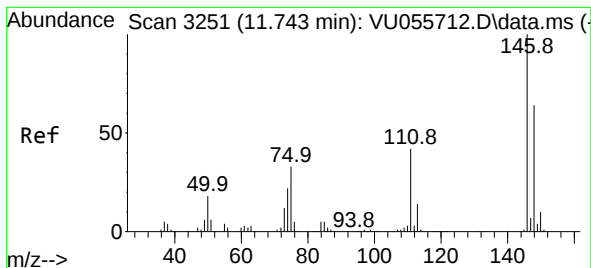
Tgt Ion:105 Resp: 3067240
Ion Ratio Lower Upper
105 100
120 46.9 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 219.615 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

Tgt Ion:105 Resp: 3096972
Ion Ratio Lower Upper
105 100
120 43.6 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 206.176 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

ClientSampleId :

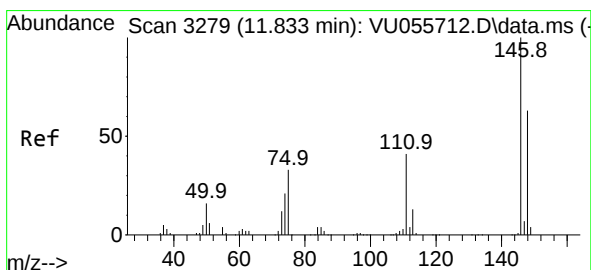
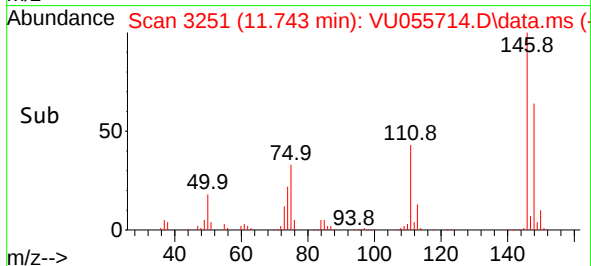
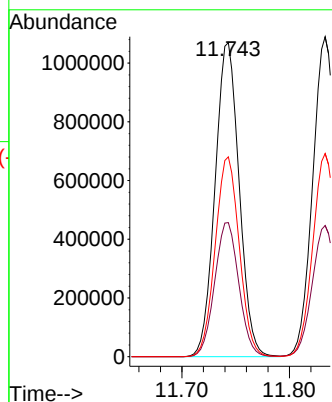
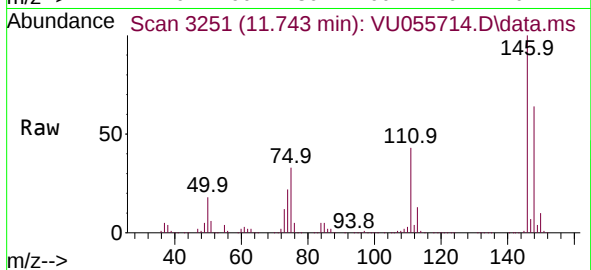
Tgt Ion:146 Resp: 1663310

Ion Ratio Lower Upper

146 100

111 42.7 29.7 55.1

148 63.6 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 208.703 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

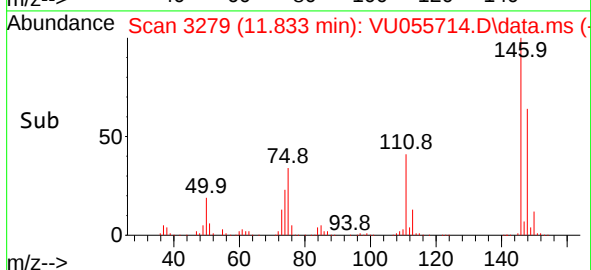
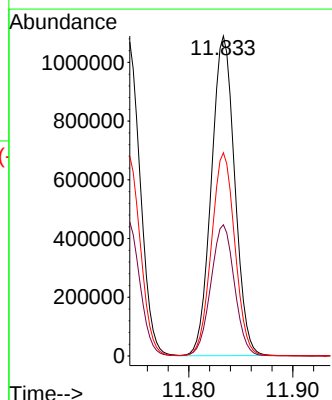
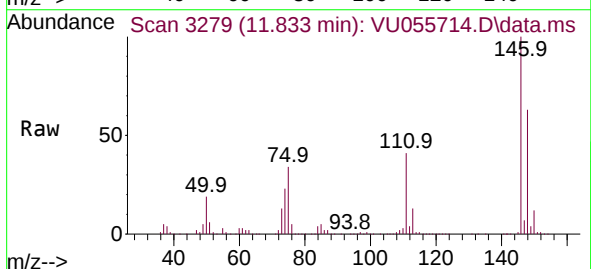
Tgt Ion:146 Resp: 1700124

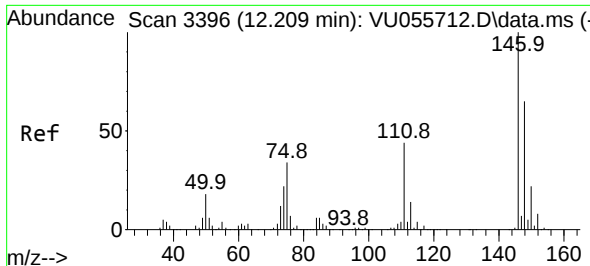
Ion Ratio Lower Upper

146 100

111 41.0 28.6 53.0

148 63.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 205.851 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

ClientSampleId :

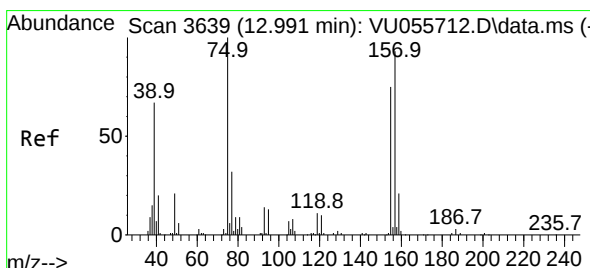
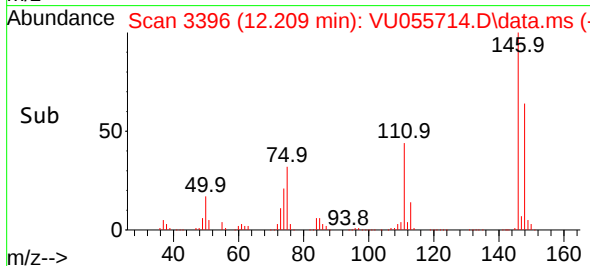
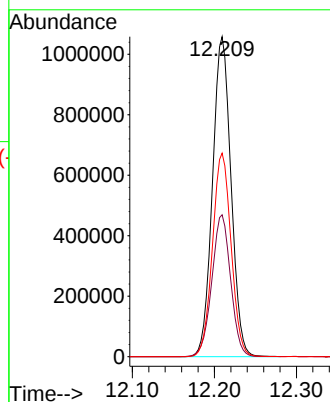
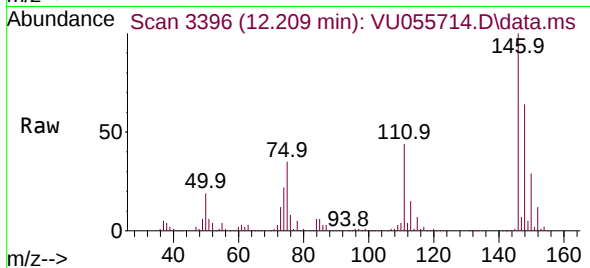
Tgt Ion:146 Resp: 1661254

Ion Ratio Lower Upper

146 100

111 44.3 35.2 52.8

148 63.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 270.698 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

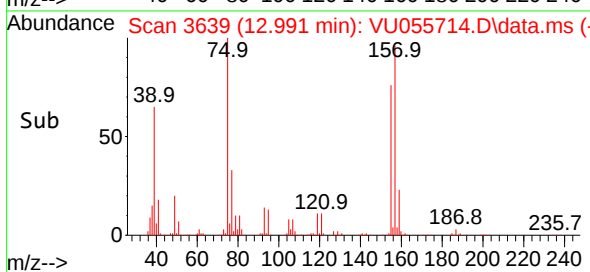
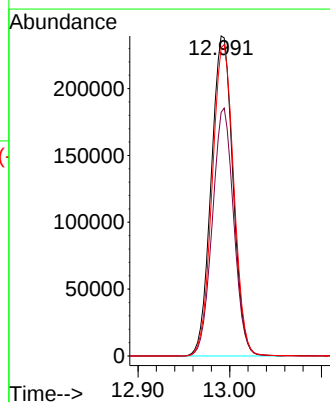
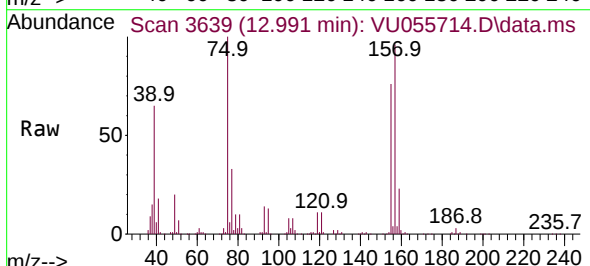
Tgt Ion: 75 Resp: 393643

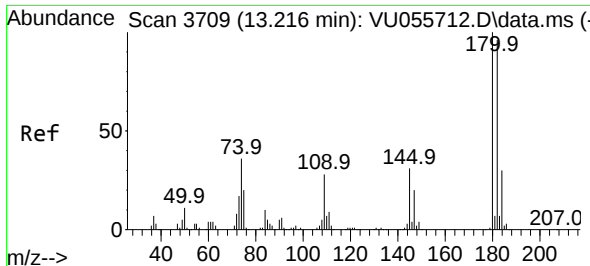
Ion Ratio Lower Upper

75 100

155 76.1 59.6 89.4

157 96.4 77.7 116.5





#69

1,3,5-Trichlorobenzene

Concen: 230.005 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

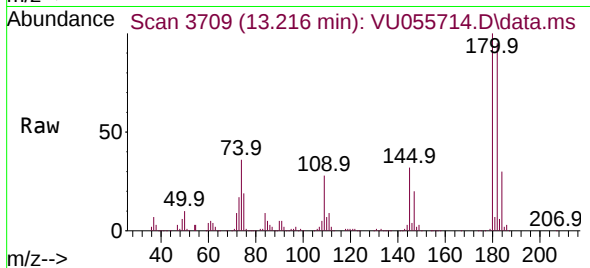
Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1237966

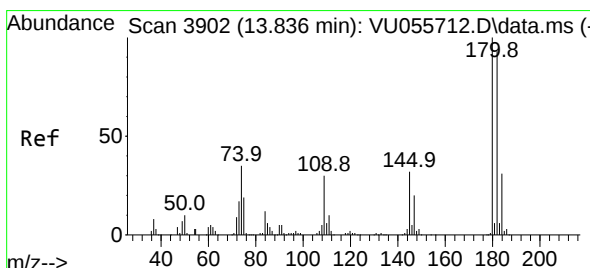
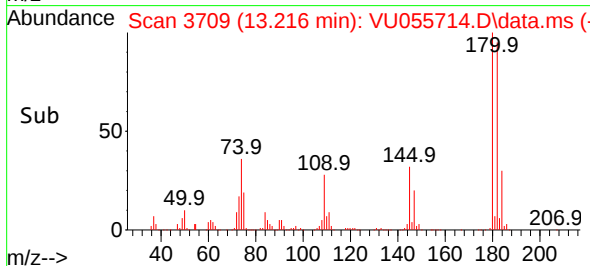
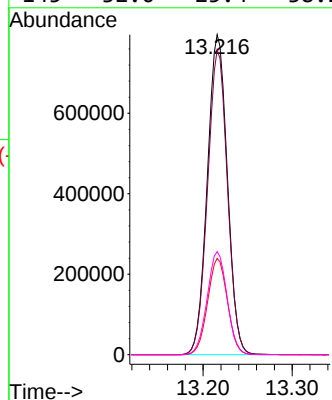
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

184 29.8 23.9 35.9

145 32.0 25.4 38.2



#70

1,2,4-trichlorobenzene

Concen: 238.984 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055714.D

Acq: 10 Oct 2023 11:42

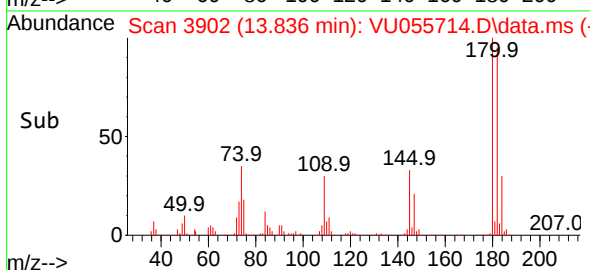
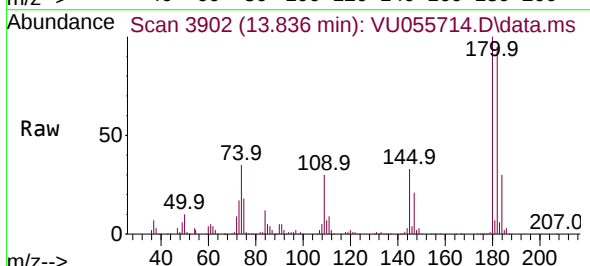
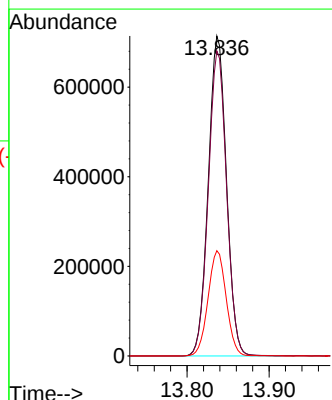
Tgt Ion:180 Resp: 1099368

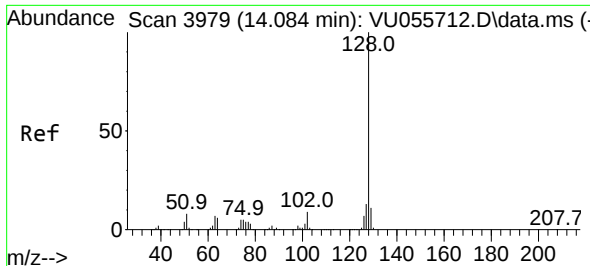
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

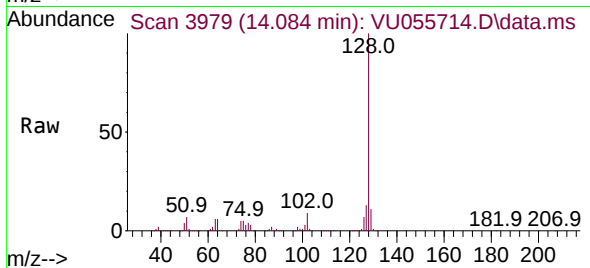
145 32.9 26.1 39.1



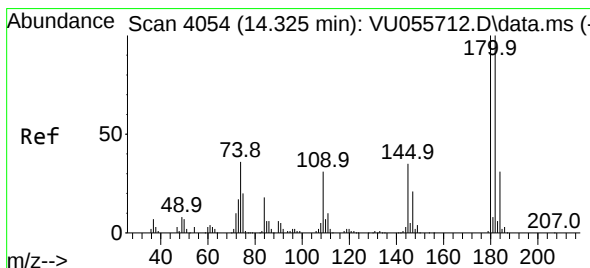
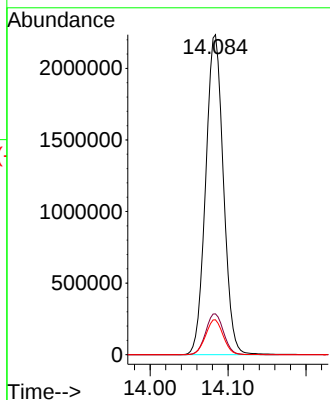
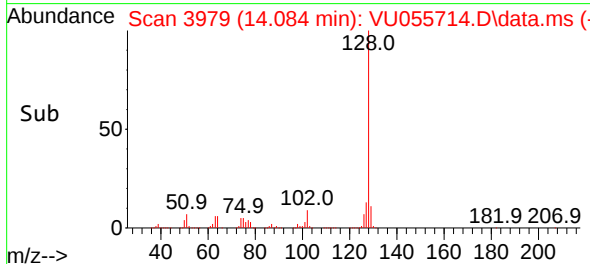


#71
Naphthalene
Concen: 236.512 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42

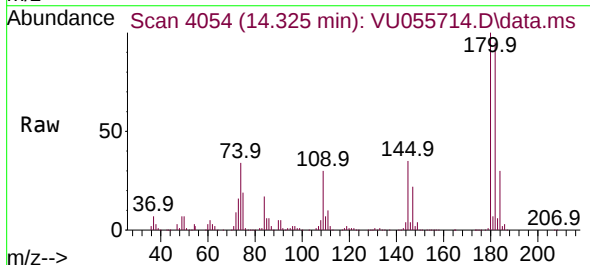
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3529966
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 233.389 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU055714.D
Acq: 10 Oct 2023 11:42



Tgt Ion:180 Resp: 1054131
Ion Ratio Lower Upper
180 100
182 95.2 78.1 117.1
145 34.9 27.4 41.0

