

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058376.D
 Acq On : 04 Apr 2024 18:28
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 22:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	123227	16.923	ug/L	0.00
7) Chloroethane-d5	1.907	69	108238	18.121	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	55888	18.341	ug/L	0.00
20) 2-Butanone-d5	4.618	46	292807	221.191	ug/L	-0.02
24) Chloroform-d	5.052	84	248723	18.770	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	115971	18.835	ug/L	0.00
32) Benzene-d6	5.717	84	491171	18.130	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	151934	18.958	ug/L	0.00
41) Toluene-d8	7.891	98	445533	18.626	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	51959	20.115	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	230928	220.839	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	104099	19.747	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	144785	17.641	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	151670	34.027	ug/L	100
3) Chloromethane	1.515	50	175732	31.436	ug/L	99
5) Vinyl chloride	1.599	62	185542	31.182	ug/L	100
6) Bromomethane	1.853	94	90024	29.526	ug/L	100
8) Chloroethane	1.927	64	121855	31.952	ug/L	99
9) Trichlorofluoromethane	2.132	101	247551	27.005	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	147396	25.595	ug/L	98
12) 1,1-Dichloroethene	2.573	96	132841	27.150	ug/L	96
13) Acetone	2.637	43	209060	226.932	ug/L	99
14) Carbon disulfide	2.785	76	408453	34.078	ug/L	99
15) Methyl Acetate	2.946	43	54069	27.577	ug/L	97
16) Methylene chloride	3.033	84	149890	21.543	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	323988	25.440	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	141531	27.476	ug/L	98
19) 1,1-Dichloroethane	3.856	63	298028	26.288	ug/L	98
21) 2-Butanone	4.698	43	343605	246.294	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	158740	25.741	ug/L	97
23) Bromochloromethane	4.965	128	62253	26.862	ug/L	99
25) Chloroform	5.074	83	289999	24.707	ug/L	99
27) 1,2-Dichloroethane	5.782	62	176917	26.154	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	238689	25.372	ug/L	98
30) Cyclohexane	5.380	56	271154	31.240	ug/L	100
31) Carbon tetrachloride	5.515	117	206078	25.551	ug/L	100
33) Benzene	5.763	78	643963	26.574	ug/L	100
34) Trichloroethene	6.534	95	161588	25.757	ug/L	99
35) Methylcyclohexane	6.756	83	265666	29.422	ug/L	99
37) 1,2-Dichloropropane	6.782	63	170933	25.412	ug/L	100
38) Bromodichloromethane	7.097	83	199469	26.033	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	237899	28.111	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	851836	254.486	ug/L	98
42) Toluene	7.962	91	687572	26.850	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	191217	28.757	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058376.D
 Acq On : 04 Apr 2024 18:28
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

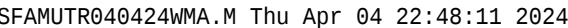
Instrument :
 MSVOA_U
 ClientSampleId :

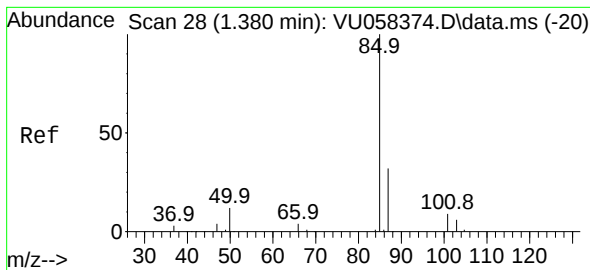
Quant Time: Apr 04 22:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	101560	24.366	ug/L	98
47) Tetrachloroethene	8.544	164	117942	27.565	ug/L	97
48) 2-Hexanone	8.676	43	624326	255.357	ug/L	99
49) Dibromochloromethane	8.801	129	120919	26.312	ug/L	98
50) 1,2-Dibromoethane	8.917	107	93559	26.064	ug/L	97
51) Chlorobenzene	9.438	112	410661	25.285	ug/L	99
52) Ethylbenzene	9.563	91	767263	27.082	ug/L	100
53) m,p-Xylene	9.685	106	279884	27.605	ug/L	100
54) o-Xylene	10.094	106	276957	27.341	ug/L	100
55) Styrene	10.106	104	462948	28.792	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	125198	25.485	ug/L	100
59) Bromoform	10.283	173	65088	25.685	ug/L	99
60) Isopropylbenzene	10.476	105	714820	24.937	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	90856	22.704	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	610680	25.517	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	631255	26.348	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	325576	24.384	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	315260	24.441	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	296277	24.065	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	18348	30.511	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	250234	26.452	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	198663	28.548	ug/L	99
71) Naphthalene	14.080	128	279784	30.088	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	161541	28.309	ug/L	99

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

Quant Time: Apr 04 22:48:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 04 22:45:00 2024
Response via : Initial Calibration

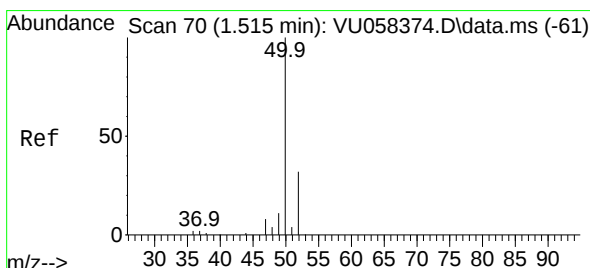
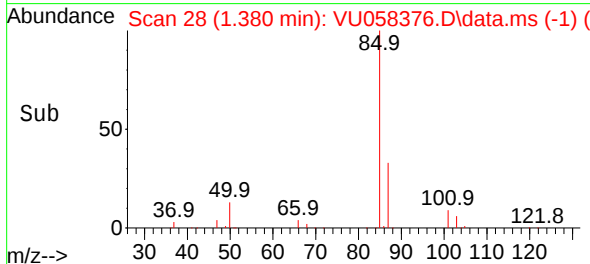
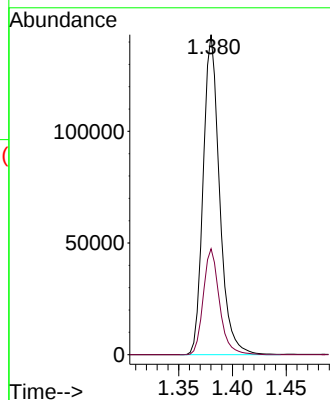
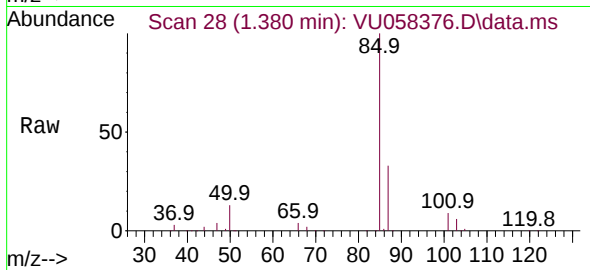




#2
 Dichlorodifluoromethane
 Concen: 34.027 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU058376.D
 Acq: 04 Apr 2024 18:28

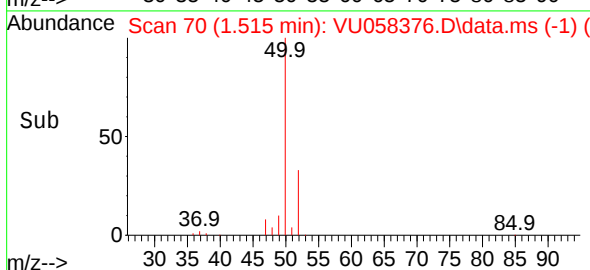
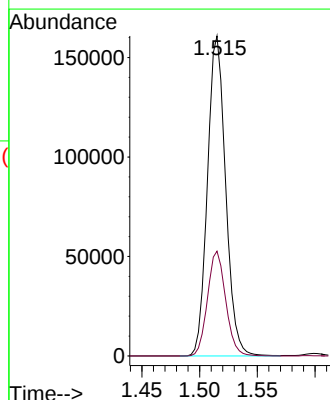
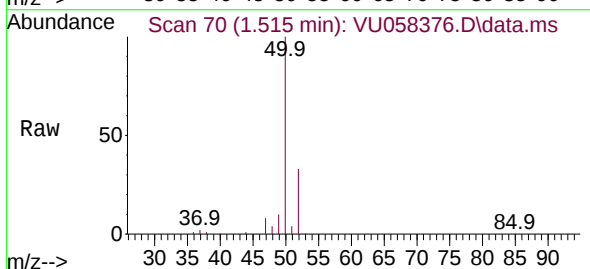
Instrument :
 MSVOA_U
 ClientSampleId :

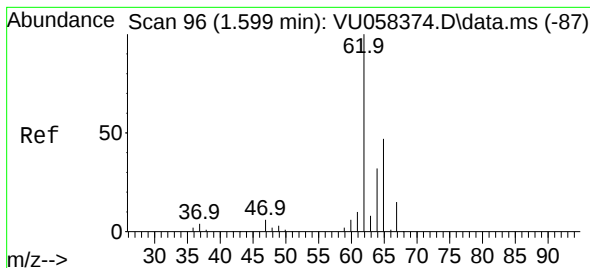
Tgt Ion: 85 Resp: 151670
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 31.436 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058376.D
 Acq: 04 Apr 2024 18:28

Tgt Ion: 50 Resp: 175732
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.6 42.0





#5

Vinyl chloride

Concen: 31.182 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

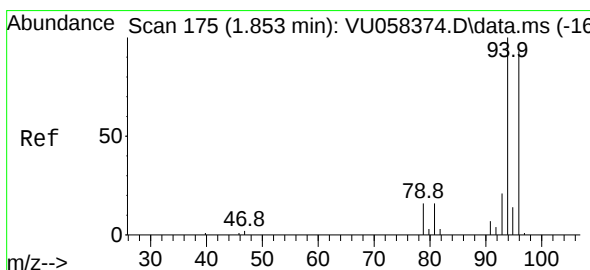
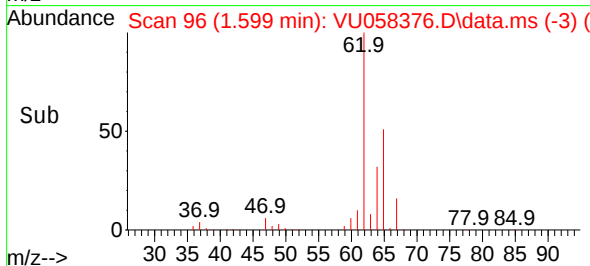
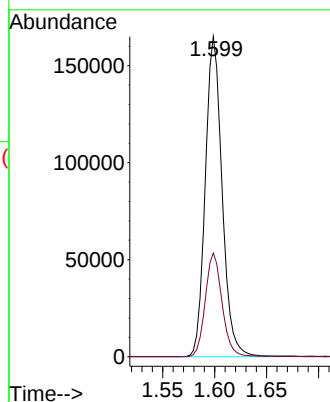
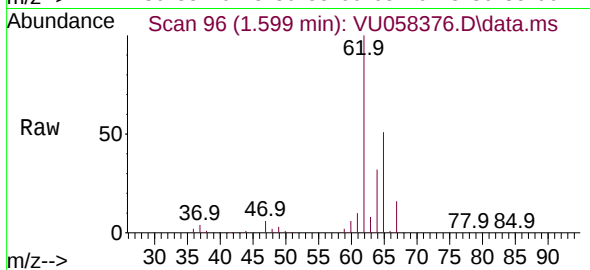
ClientSampleId :

Tgt Ion: 62 Resp: 185542

Ion Ratio Lower Upper

62 100

64 32.4 22.6 42.0



#6

Bromomethane

Concen: 29.526 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058376.D

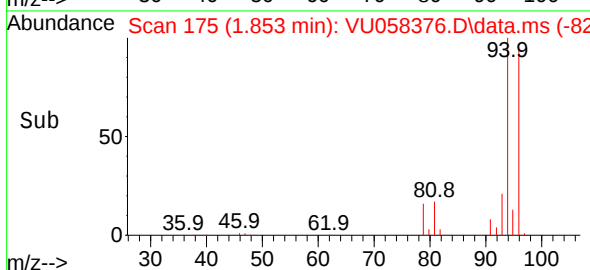
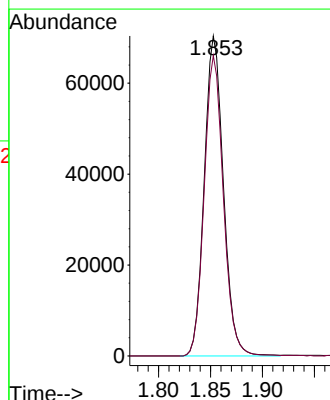
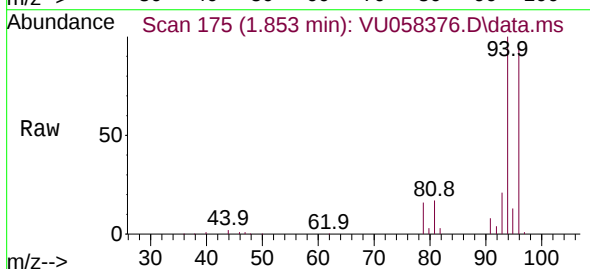
Acq: 04 Apr 2024 18:28

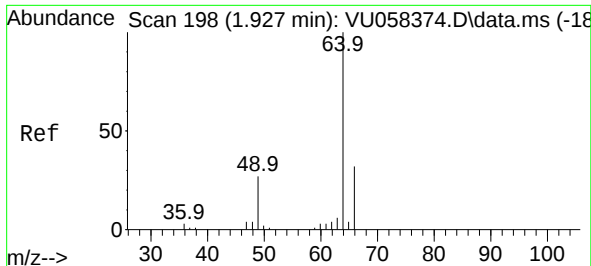
Tgt Ion: 94 Resp: 90024

Ion Ratio Lower Upper

94 100

96 93.8 65.4 121.4

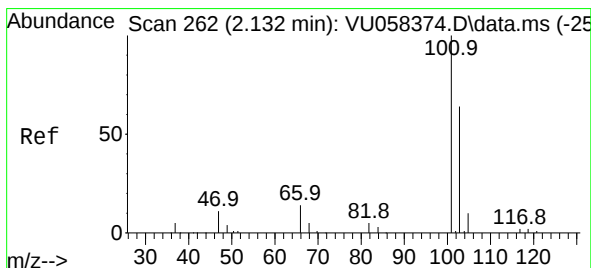
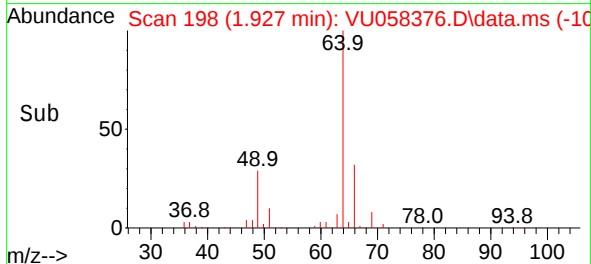
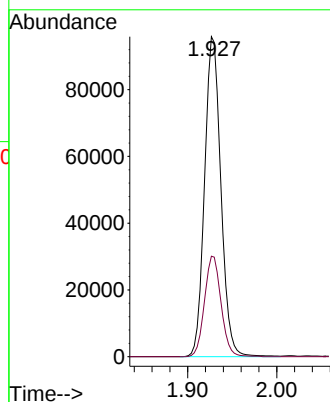
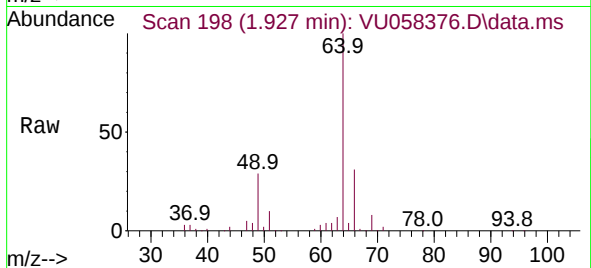




#8
Chloroethane
Concen: 31.952 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

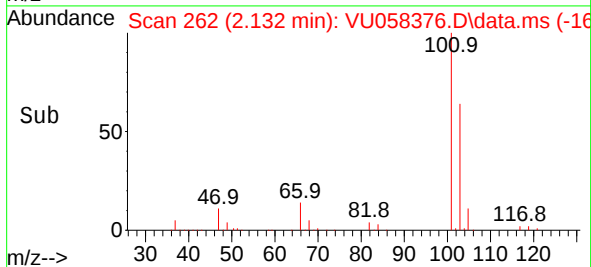
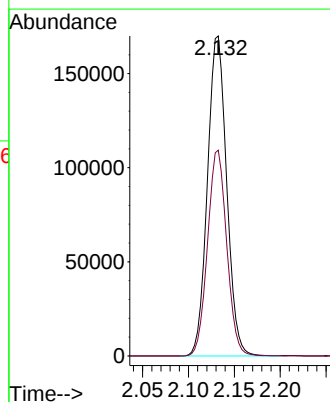
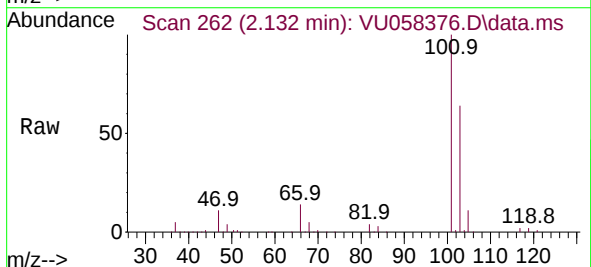
Instrument :
MSVOA_U
ClientSampleId :

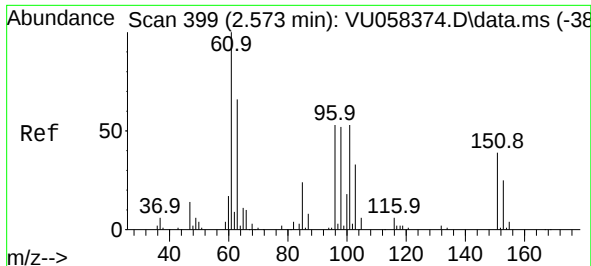
Tgt Ion: 64 Resp: 121855
Ion Ratio Lower Upper
64 100
66 31.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 27.005 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion:101 Resp: 247551
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8

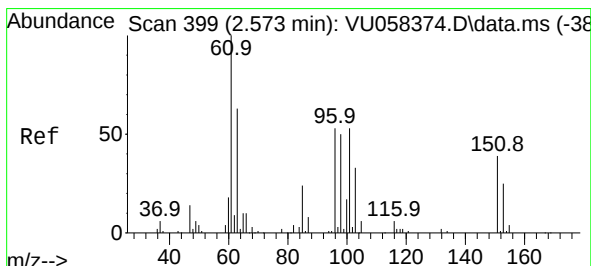
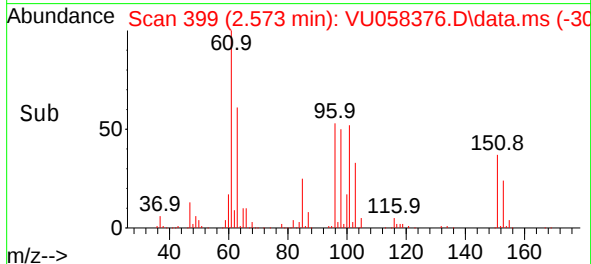
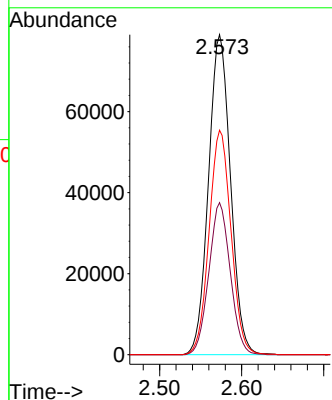
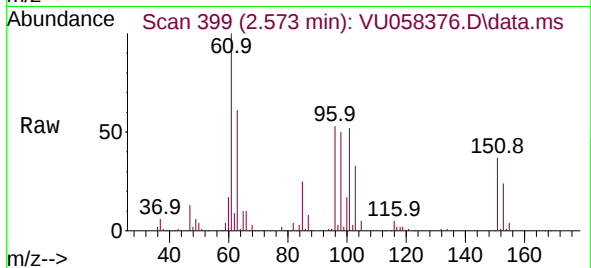




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.595 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

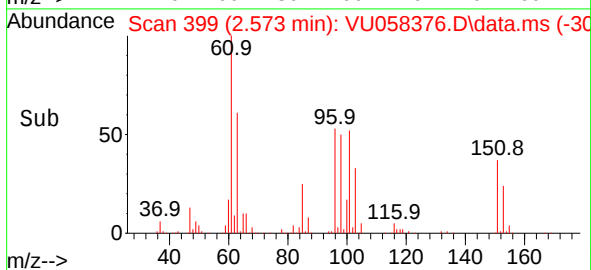
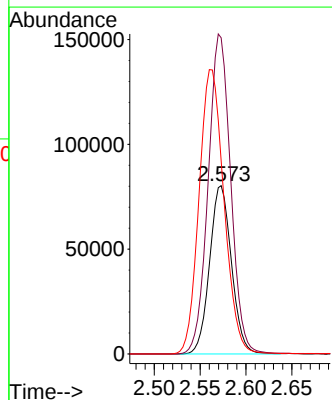
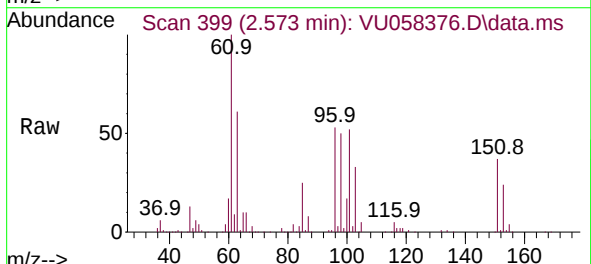
Instrument :
MSVOA_U
ClientSampleId :

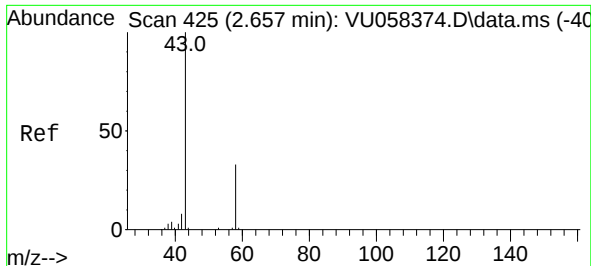
Tgt Ion:101 Resp: 147396
Ion Ratio Lower Upper
101 100
85 46.2 36.8 55.2
151 70.0 58.2 87.4



#12
1,1-Dichloroethene
Concen: 27.150 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

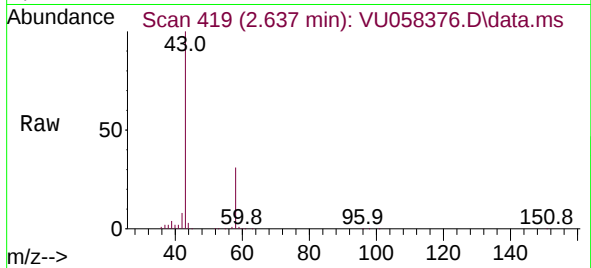
Tgt Ion: 96 Resp: 132841
Ion Ratio Lower Upper
96 100
61 187.8 132.5 246.1
63 114.7 87.7 162.9



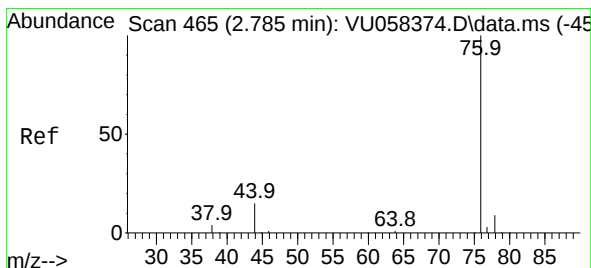
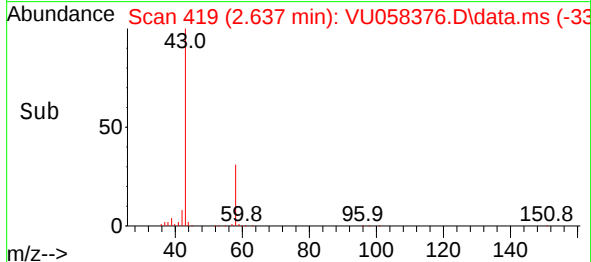
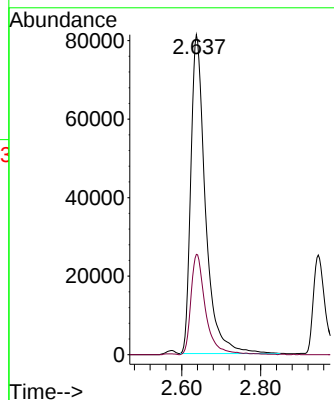


#13
Acetone
Concen: 226.932 ug/L
RT: 2.637 min Scan# 419
Delta R.T. -0.019 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Instrument :
MSVOA_U
ClientSampleId :

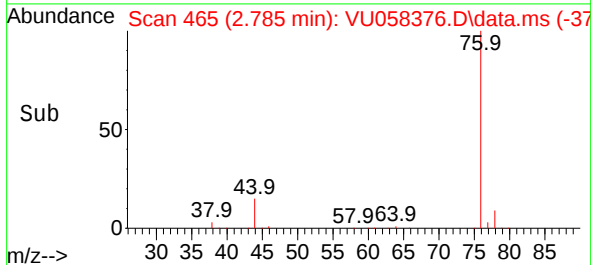
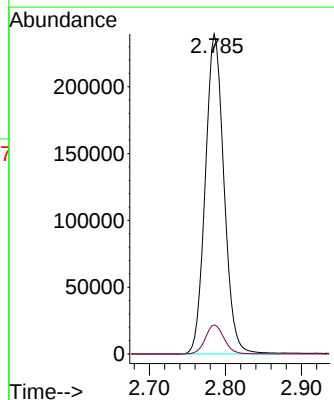
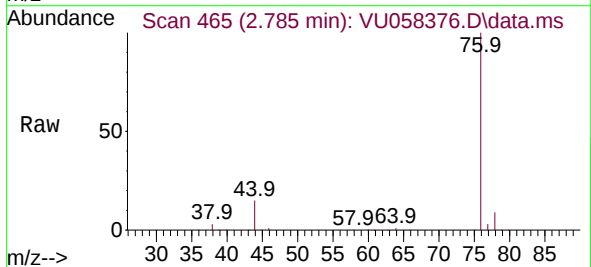


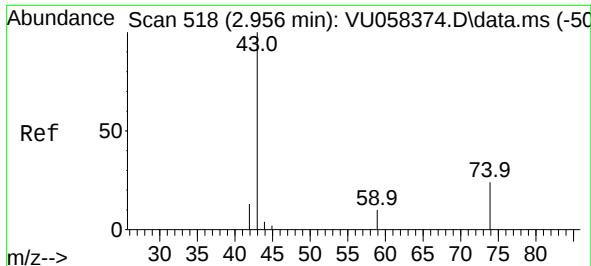
Tgt Ion: 43 Resp: 209060
Ion Ratio Lower Upper
43 100
58 31.3 0.0 61.4



#14
Carbon disulfide
Concen: 34.078 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion: 76 Resp: 408453
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 27.577 ug/L

RT: 2.946 min Scan# 518

Delta R.T. -0.010 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

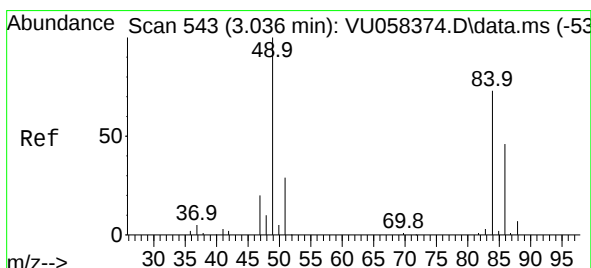
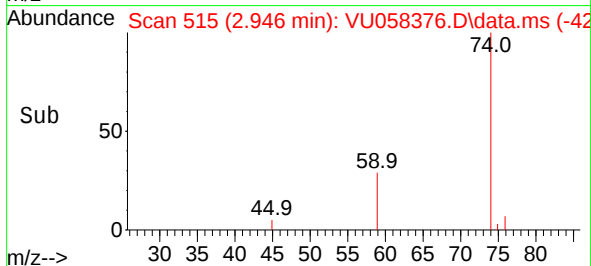
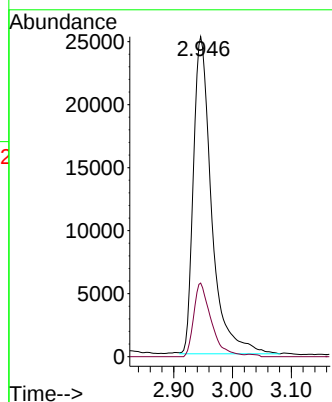
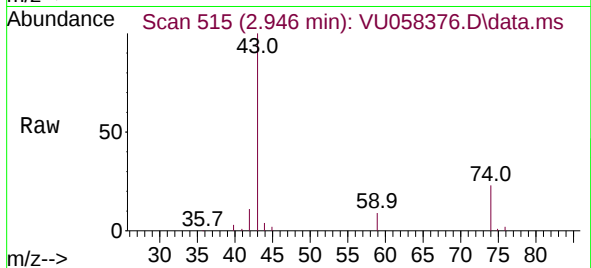
ClientSampleId :

Tgt Ion: 43 Resp: 54069

Ion Ratio Lower Upper

43 100

74 22.4 16.6 25.0



#16

Methylene chloride

Concen: 21.543 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

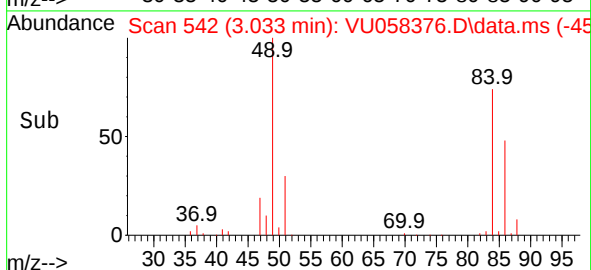
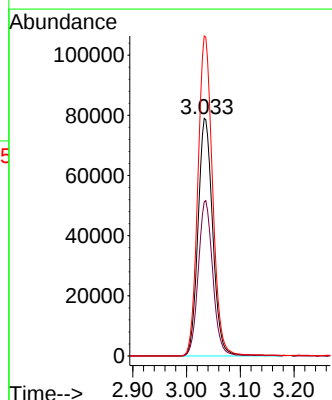
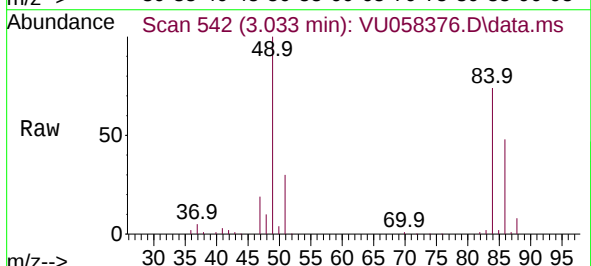
Tgt Ion: 84 Resp: 149890

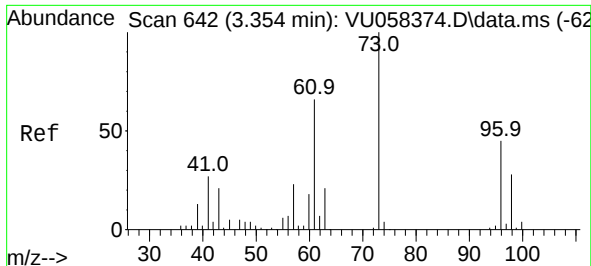
Ion Ratio Lower Upper

84 100

86 64.9 44.3 82.3

49 134.7 96.0 178.2





#17

Methyl tert-butyl Ether

Concen: 25.440 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

ClientSampleId :

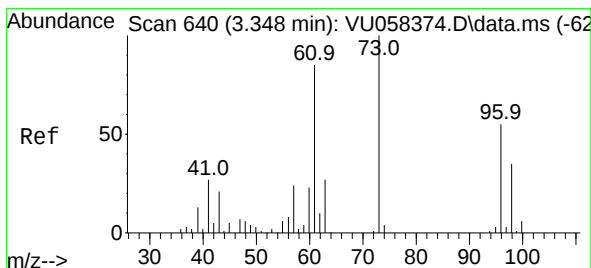
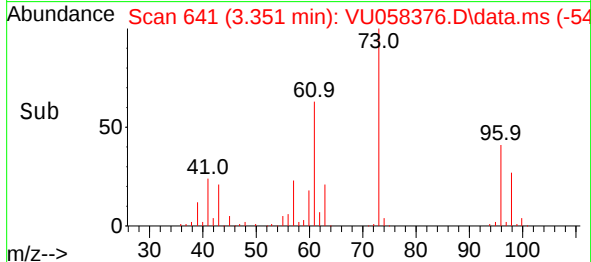
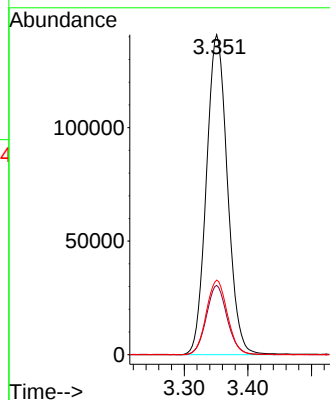
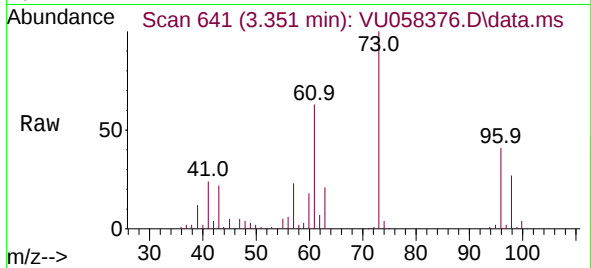
Tgt Ion: 73 Resp: 323988

Ion Ratio Lower Upper

73 100

43 21.5 17.4 26.2

57 23.4 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 27.476 ug/L

RT: 3.341 min Scan# 638

Delta R.T. -0.007 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

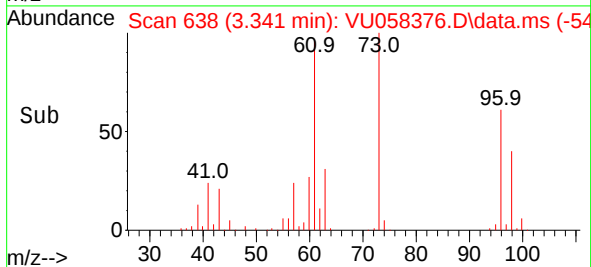
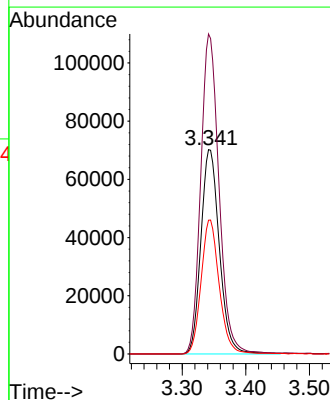
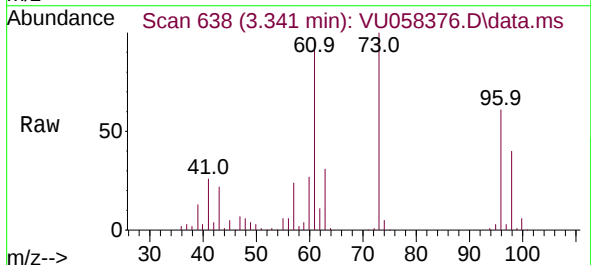
Tgt Ion: 96 Resp: 141531

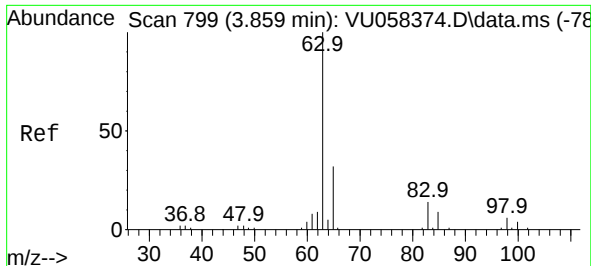
Ion Ratio Lower Upper

96 100

61 156.7 107.6 199.8

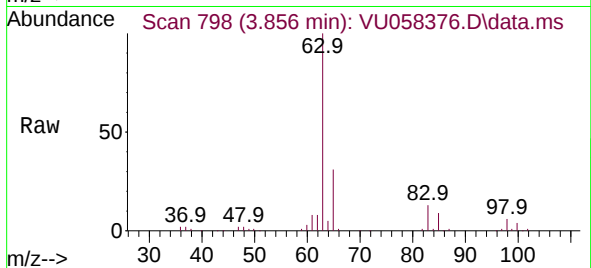
98 65.5 45.1 83.7



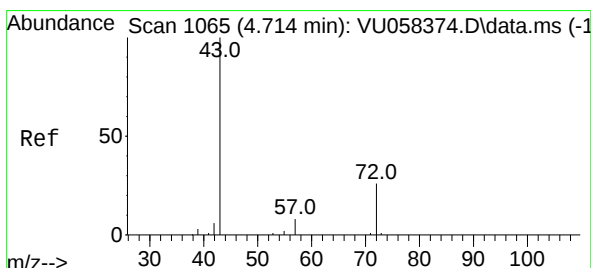
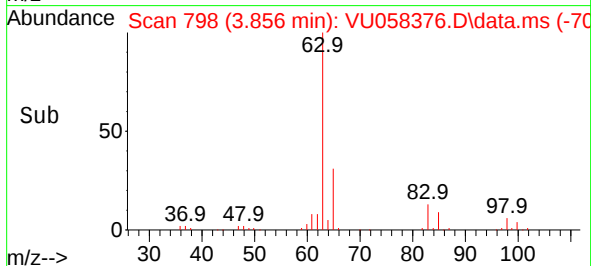
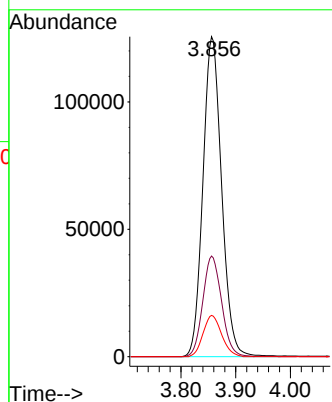


#19
1,1-Dichloroethane
Concen: 26.288 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Instrument :
MSVOA_U
ClientSampleId :

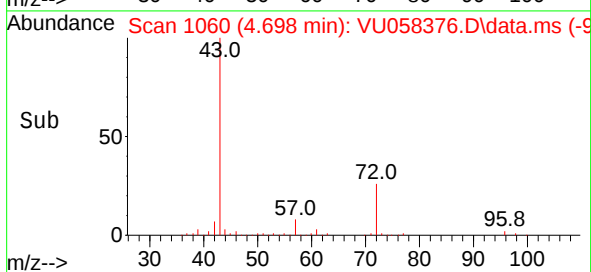
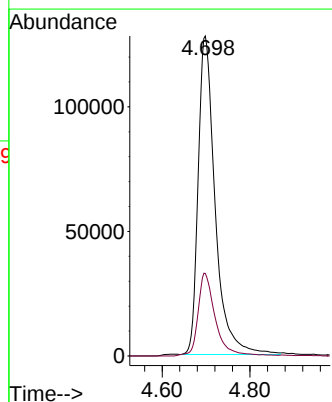
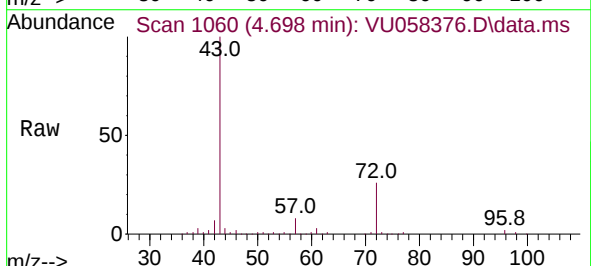


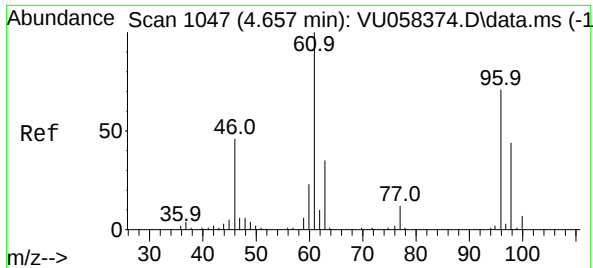
Tgt Ion: 63 Resp: 298028
Ion Ratio Lower Upper
63 100
65 31.4 22.9 42.5
83 12.9 9.6 17.8



#21
2-Butanone
Concen: 246.294 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.016 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion: 43 Resp: 343605
Ion Ratio Lower Upper
43 100
72 26.1 11.7 35.0

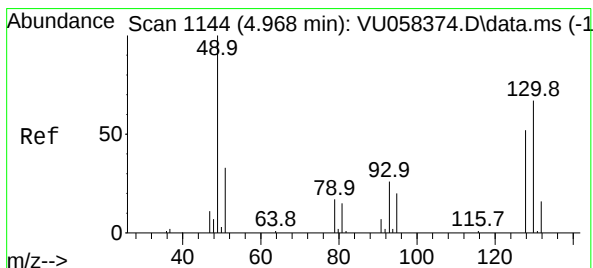
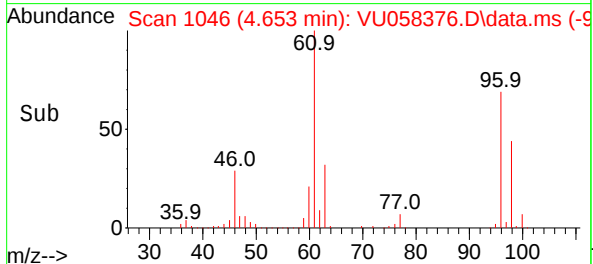
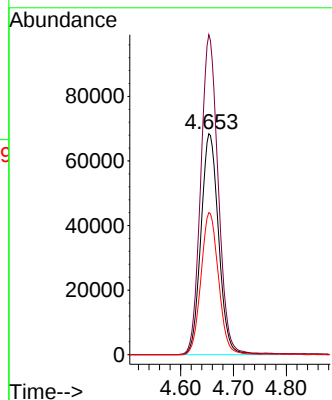
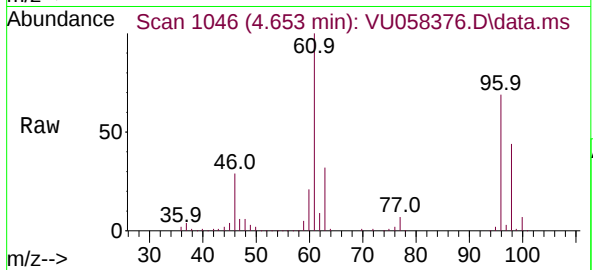




#22
cis-1,2-Dichloroethene
Concen: 25.741 ug/L
RT: 4.653 min Scan# 110
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

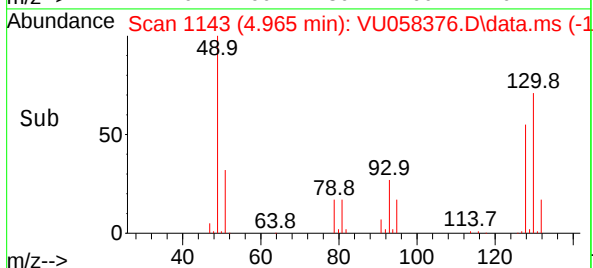
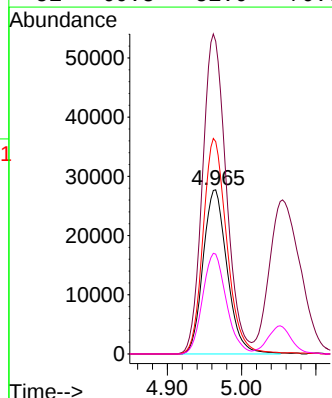
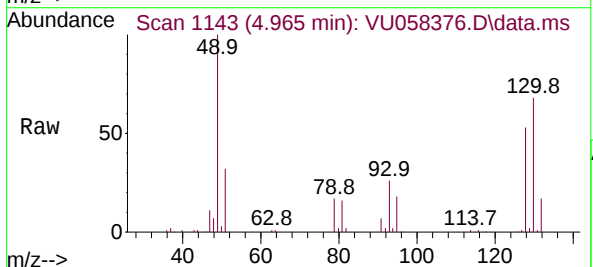
Instrument :
MSVOA_U
ClientSampleId :

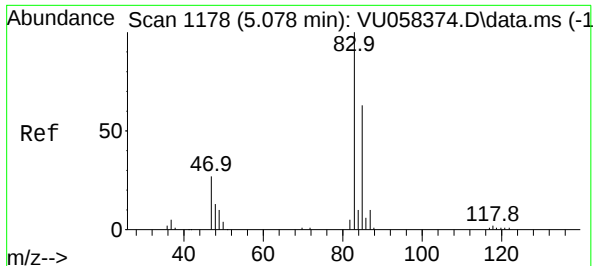
Tgt Ion: 96 Resp: 158740
Ion Ratio Lower Upper
96 100
61 144.8 98.1 182.3
98 64.3 43.6 81.0



#23
Bromochloromethane
Concen: 26.862 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion:128 Resp: 62253
Ion Ratio Lower Upper
128 100
49 190.4 134.4 249.6
130 129.3 90.0 167.2
51 60.8 51.0 76.6





#25

Chloroform

Concen: 24.707 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

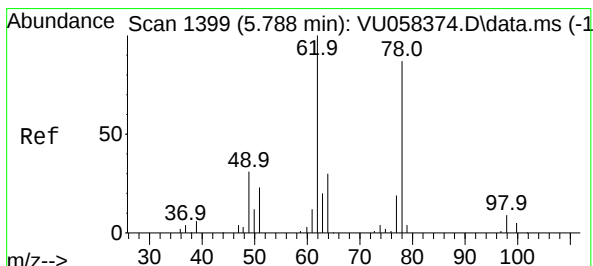
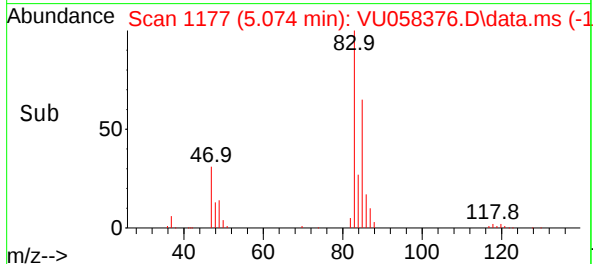
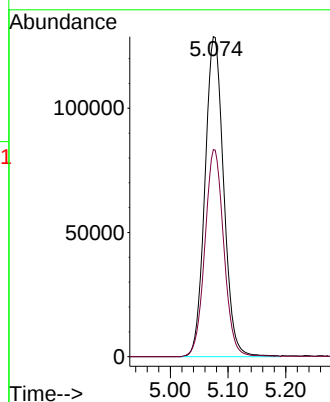
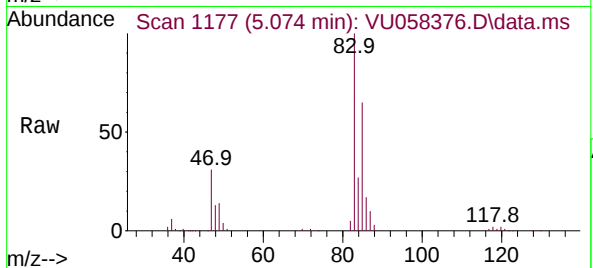
ClientSampleId :

Tgt Ion: 83 Resp: 289999

Ion Ratio Lower Upper

83 100

85 64.7 44.7 83.1



#27

1,2-Dichloroethane

Concen: 26.154 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.007 min

Lab File: VU058376.D

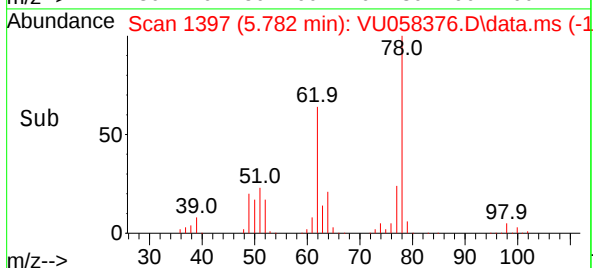
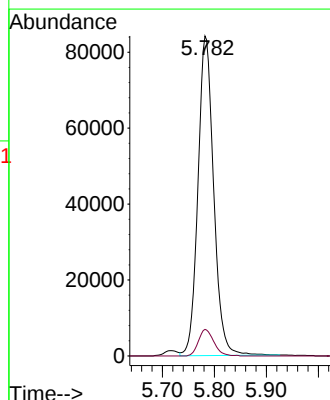
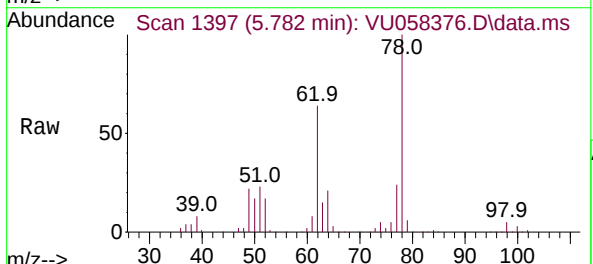
Acq: 04 Apr 2024 18:28

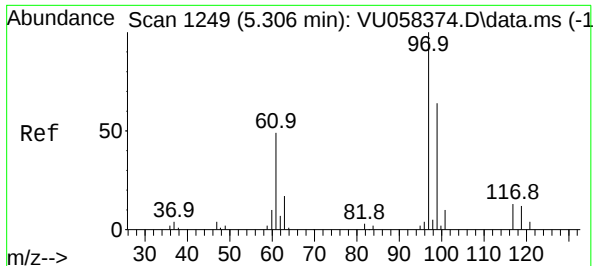
Tgt Ion: 62 Resp: 176917

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.4

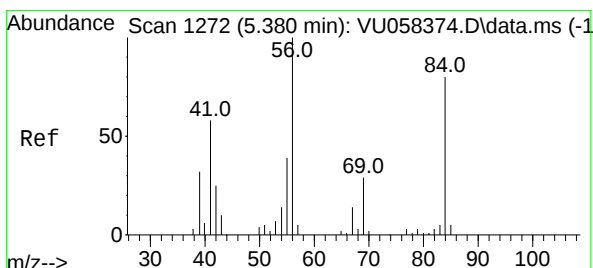
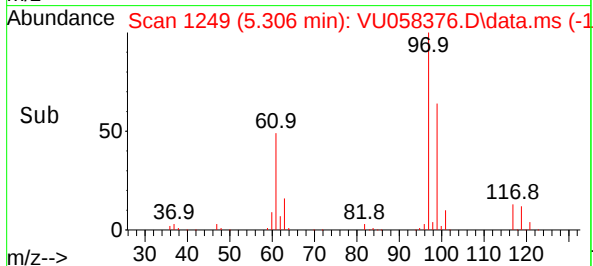
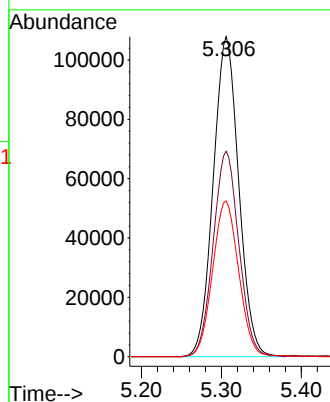
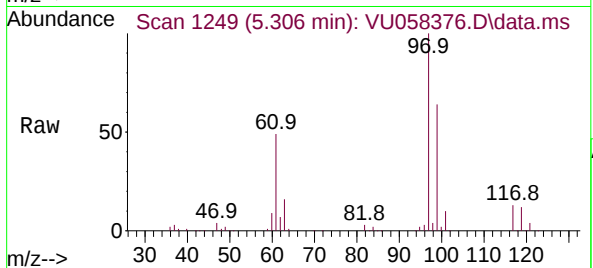




#29
1,1,1-Trichloroethane
Concen: 25.372 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

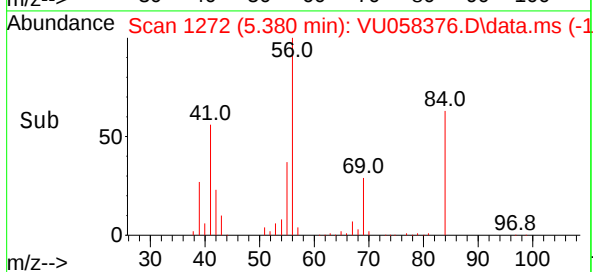
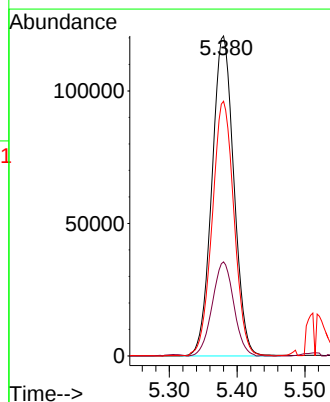
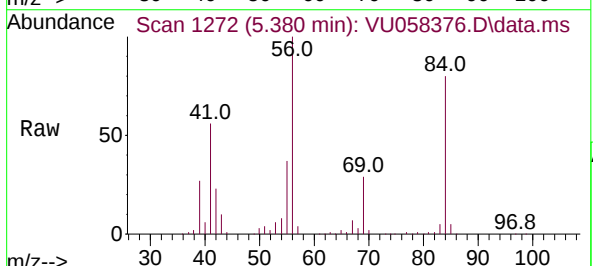
Instrument :
MSVOA_U
ClientSampleId :

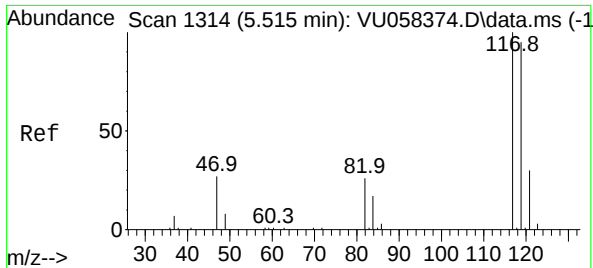
Tgt Ion: 97 Resp: 238689
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 50.0 39.4 59.0



#30
Cyclohexane
Concen: 31.240 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion: 56 Resp: 271154
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 79.1 63.3 94.9

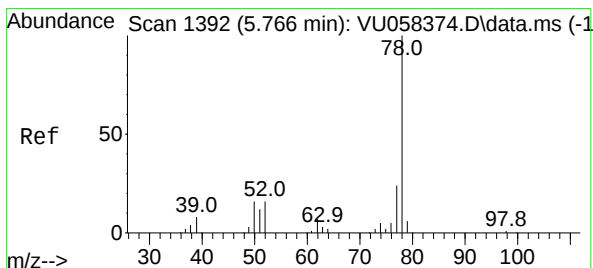
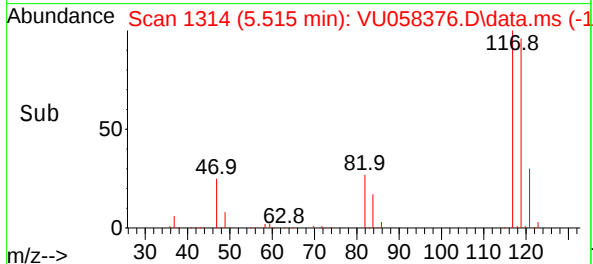
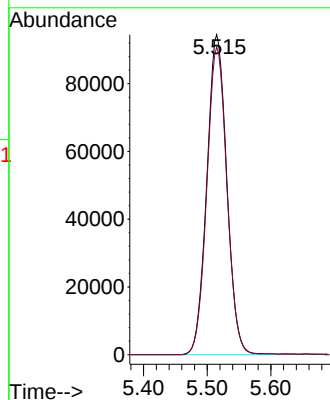
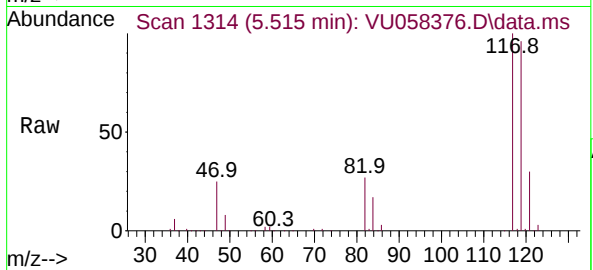




#31
Carbon tetrachloride
Concen: 25.551 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

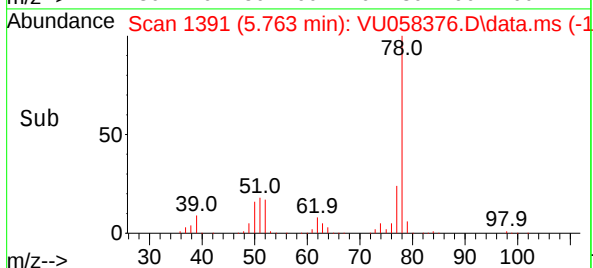
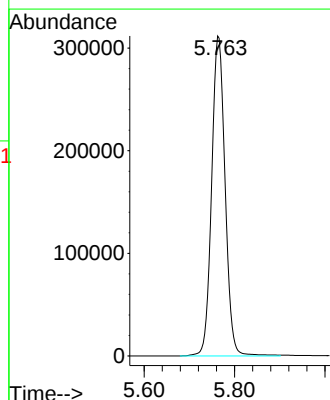
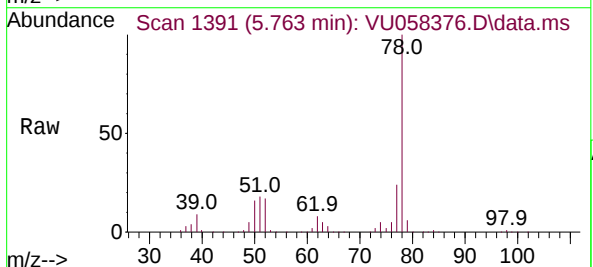
Instrument :
MSVOA_U
ClientSampleId :

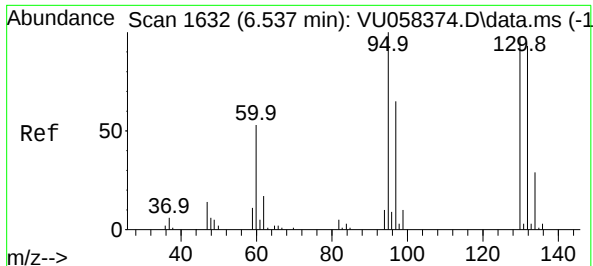
Tgt Ion:117 Resp: 206078
Ion Ratio Lower Upper
117 100
119 96.3 76.7 115.1



#33
Benzene
Concen: 26.574 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

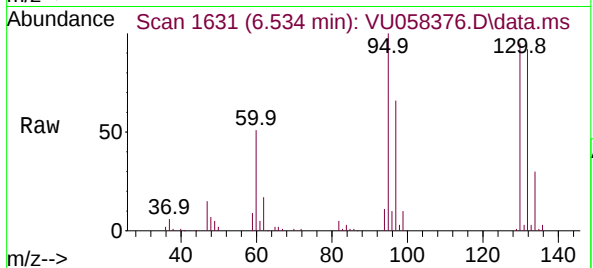
Tgt Ion: 78 Resp: 643963



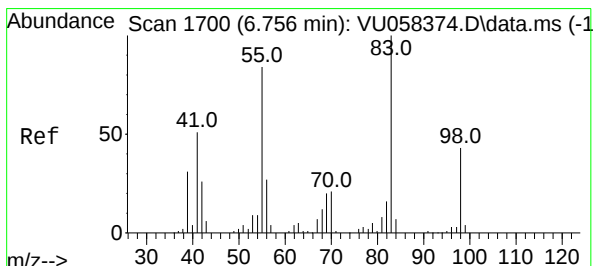
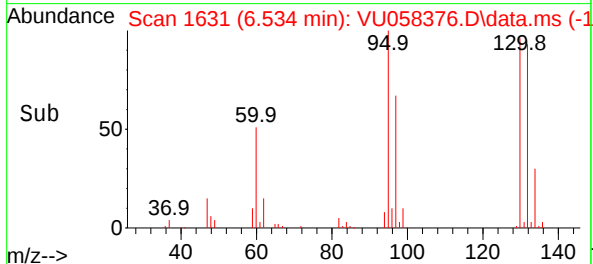
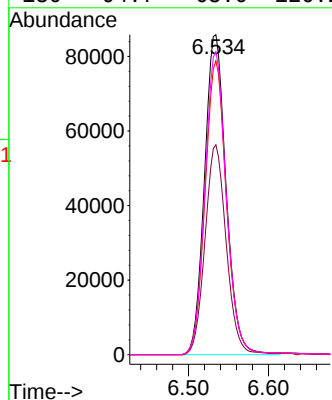


#34
Trichloroethene
Concen: 25.757 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Instrument :
MSVOA_U
ClientSampleId :

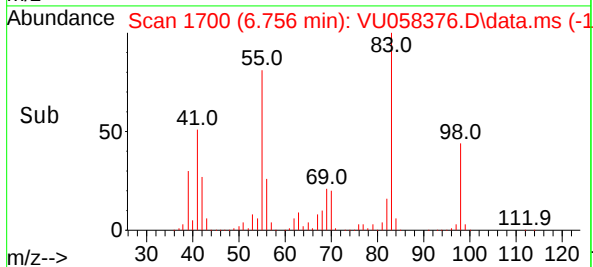
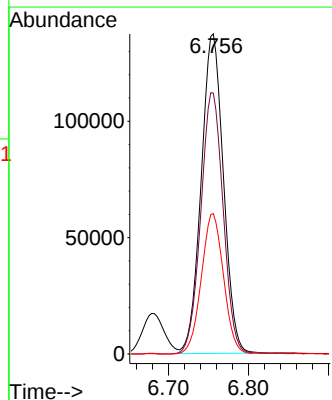
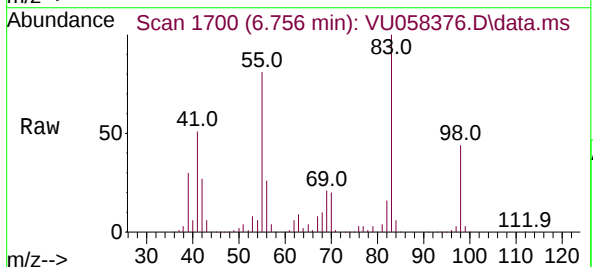


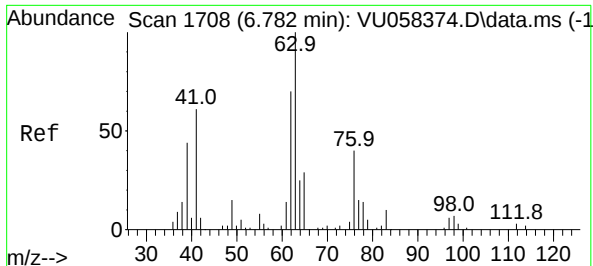
Tgt Ion: 95 Resp: 161588
Ion Ratio Lower Upper
95 100
97 65.6 45.6 84.6
132 91.8 64.8 120.3
130 94.7 68.0 126.2



#35
Methylcyclohexane
Concen: 29.422 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion: 83 Resp: 265666
Ion Ratio Lower Upper
83 100
55 82.2 66.2 99.4
98 43.8 34.6 52.0

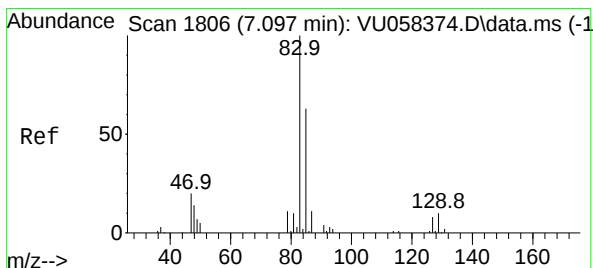
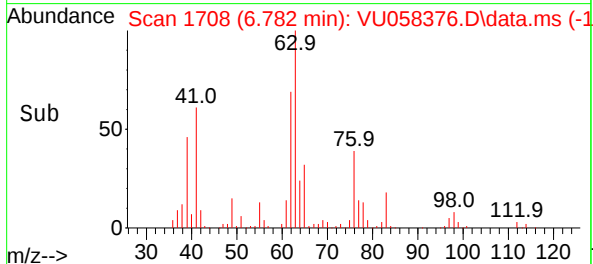
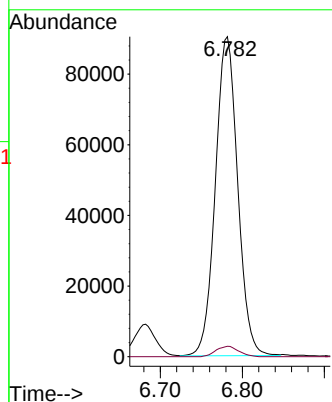
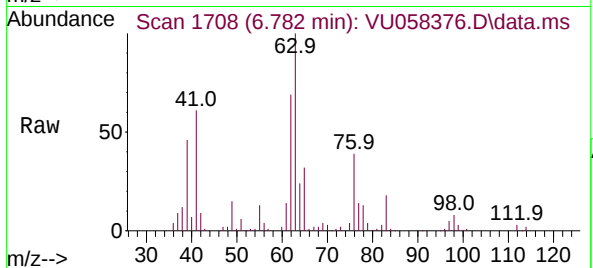




#37
1,2-Dichloropropane
Concen: 25.412 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

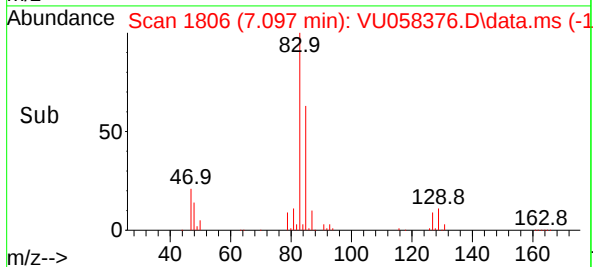
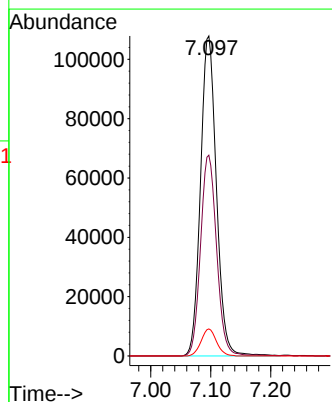
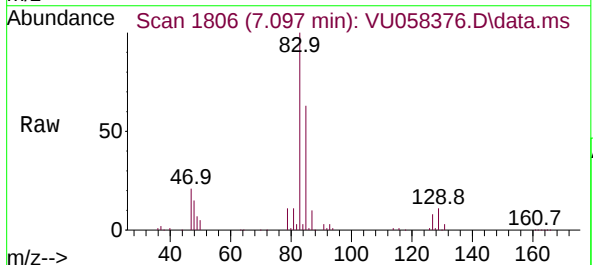
Instrument :
MSVOA_U
ClientSampleId :

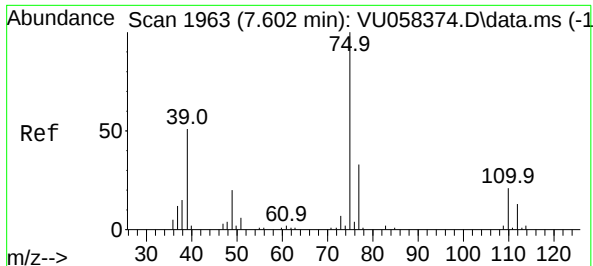
Tgt Ion: 63 Resp: 170933
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 26.033 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion: 83 Resp: 199469
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2
127 8.4 6.5 9.7

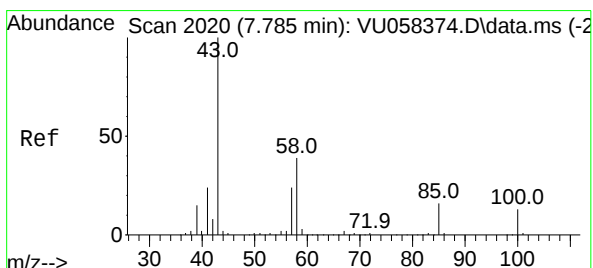
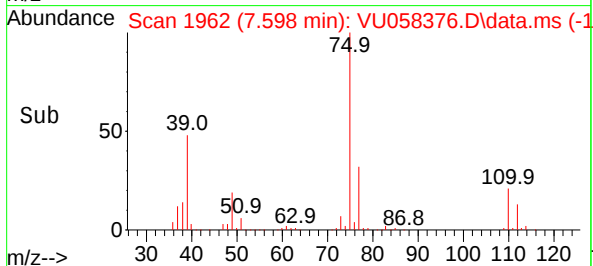
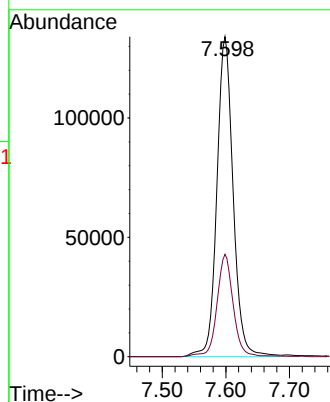
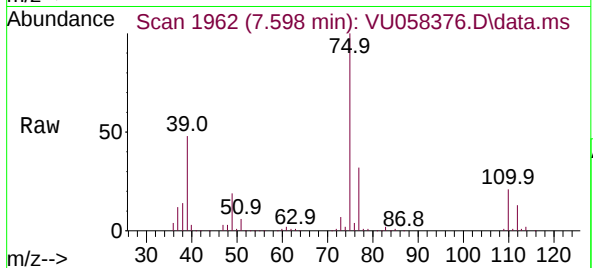




#39
 cis-1,3-Dichloropropene
 Concen: 28.111 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058376.D
 Acq: 04 Apr 2024 18:28

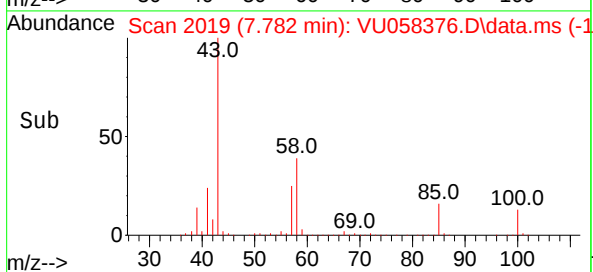
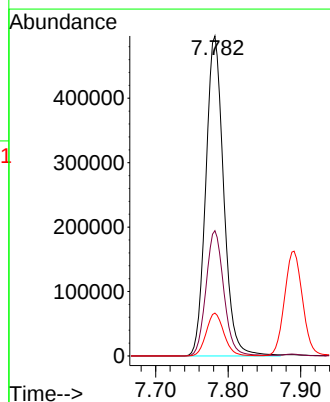
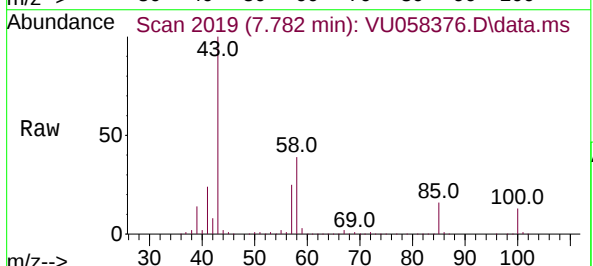
Instrument :
 MSVOA_U
 ClientSampleId :

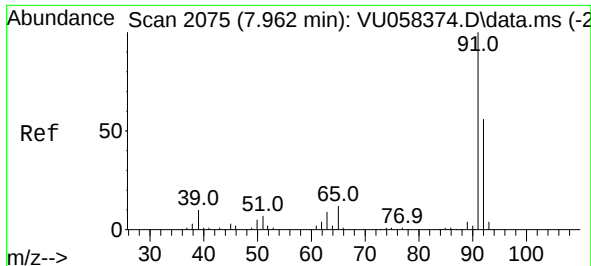
Tgt Ion: 75 Resp: 237899
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 254.486 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058376.D
 Acq: 04 Apr 2024 18:28

Tgt Ion: 43 Resp: 851836
 Ion Ratio Lower Upper
 43 100
 58 39.1 30.4 45.6
 100 13.3 10.3 15.5





#42

Toluene

Concen: 26.850 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

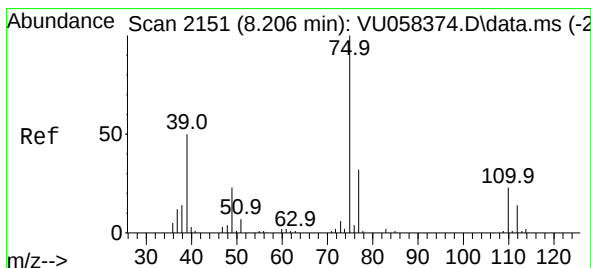
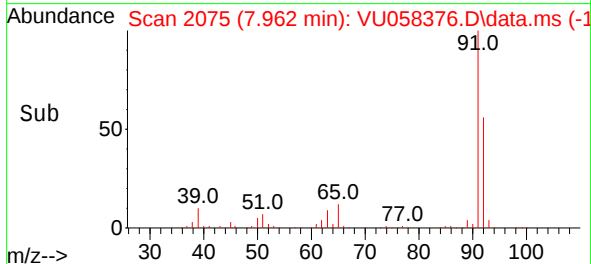
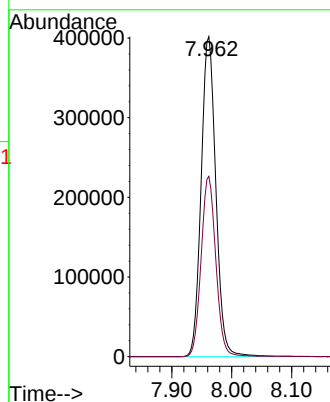
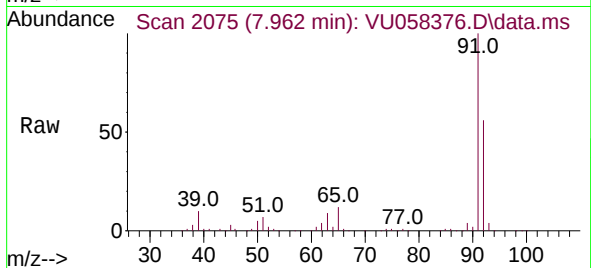
ClientSampleId :

Tgt Ion: 91 Resp: 687572

Ion Ratio Lower Upper

91 100

92 56.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 28.757 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058376.D

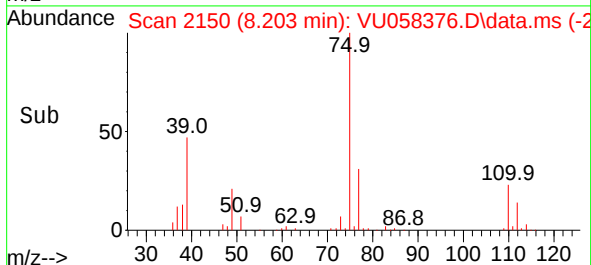
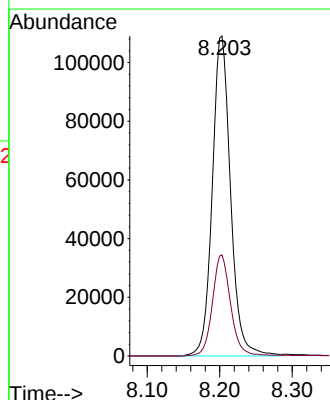
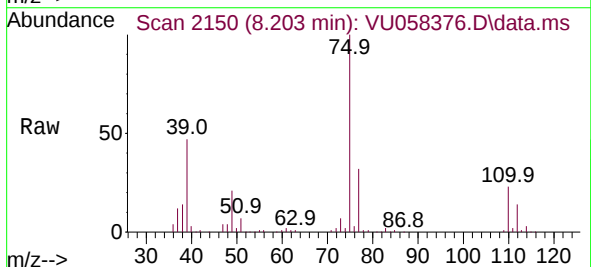
Acq: 04 Apr 2024 18:28

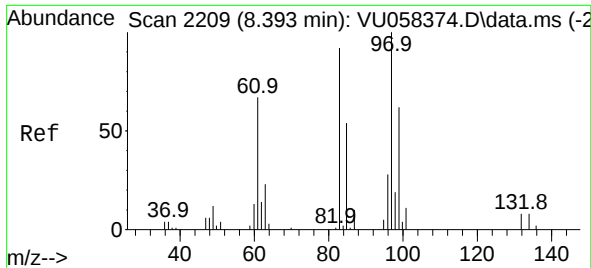
Tgt Ion: 75 Resp: 191217

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.366 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 101560

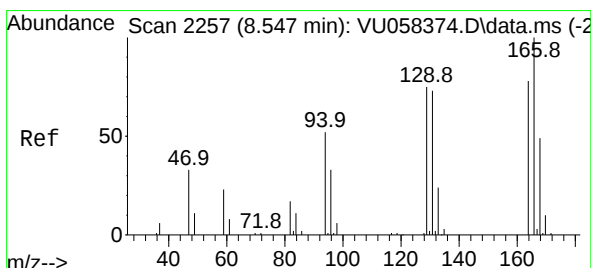
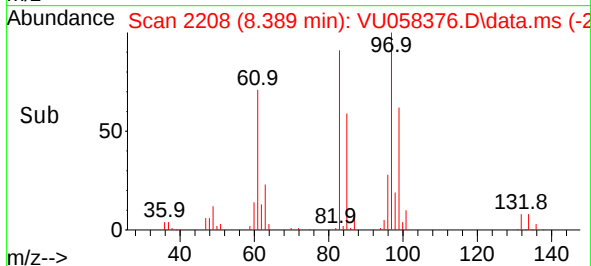
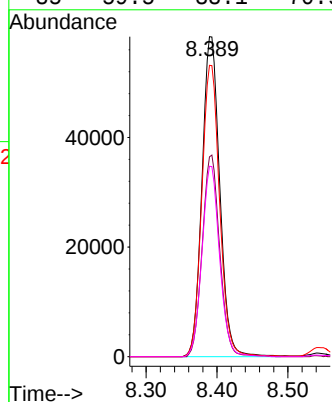
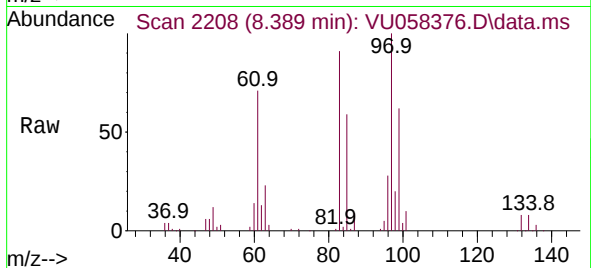
Ion Ratio Lower Upper

97 100

99 62.5 43.7 81.1

83 91.1 64.5 119.7

85 59.5 38.1 70.9



#47

Tetrachloroethene

Concen: 27.565 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Tgt Ion:164 Resp: 117942

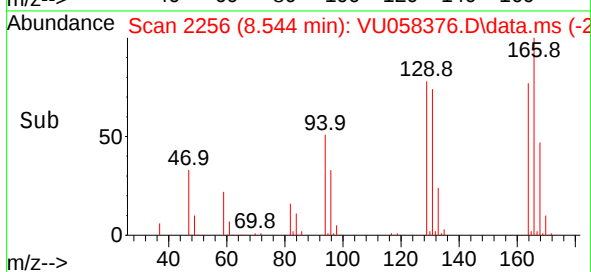
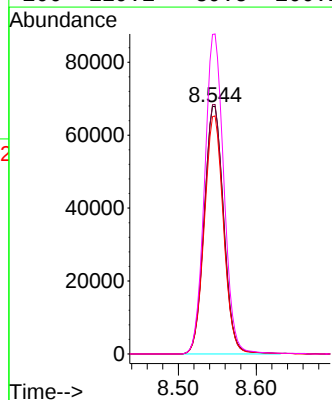
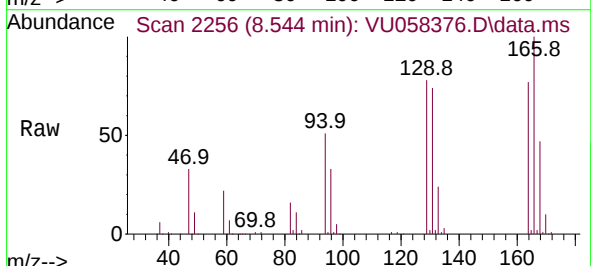
Ion Ratio Lower Upper

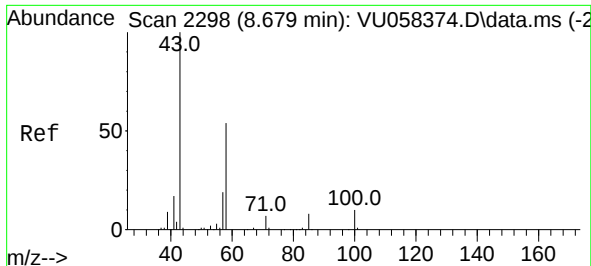
164 100

129 100.7 67.3 125.1

131 95.9 65.5 121.6

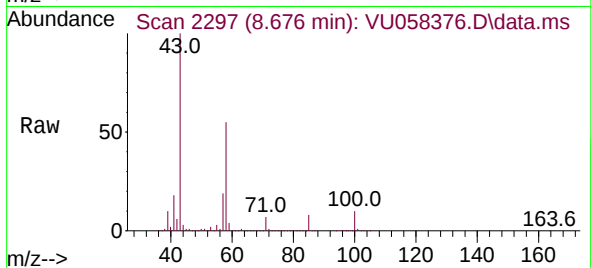
166 129.1 89.5 166.1



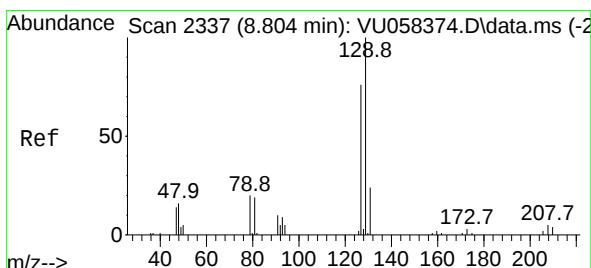
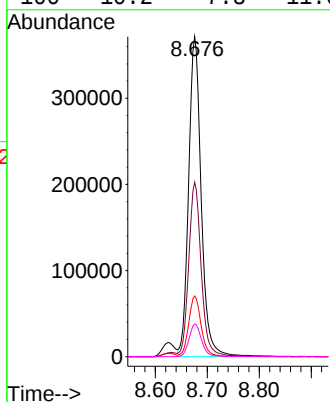
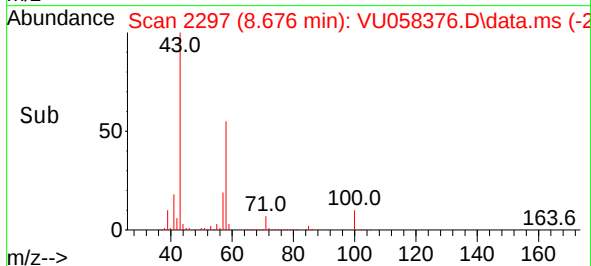


#48
2-Hexanone
Concen: 255.357 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Instrument :
MSVOA_U
ClientSampleId :

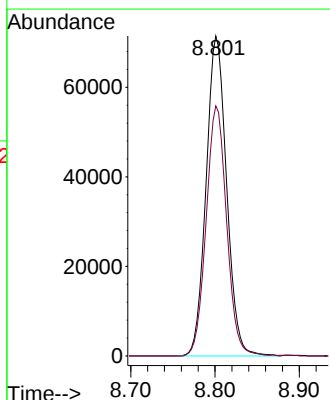
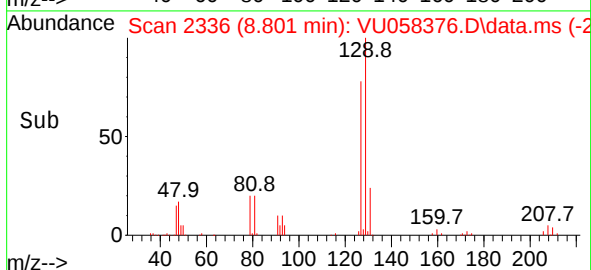
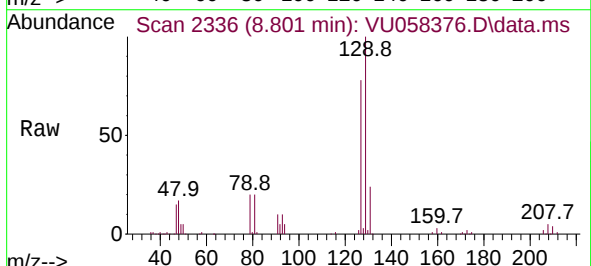


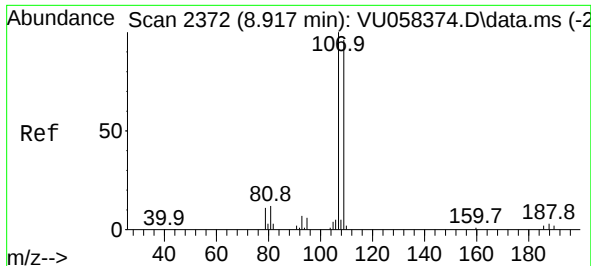
Tgt Ion: 43 Resp: 624326
Ion Ratio Lower Upper
43 100
58 54.6 43.2 64.8
57 19.0 15.4 23.0
100 10.2 7.8 11.6



#49
Dibromochloromethane
Concen: 26.312 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

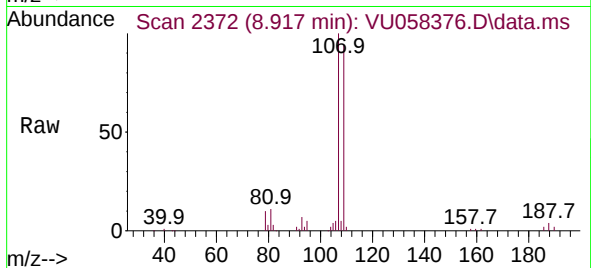
Tgt Ion: 129 Resp: 120919
Ion Ratio Lower Upper
129 100
127 78.2 53.5 99.5



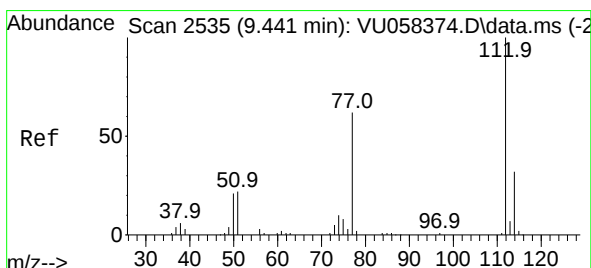
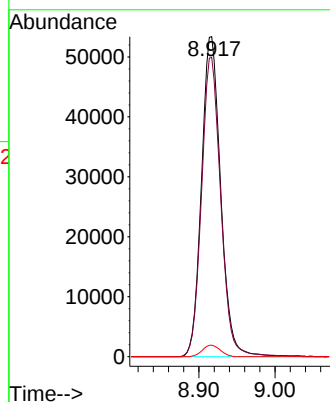
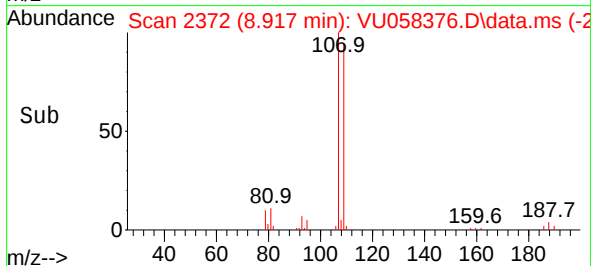


#50
1,2-Dibromoethane
Concen: 26.064 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Instrument :
MSVOA_U
ClientSampleId :

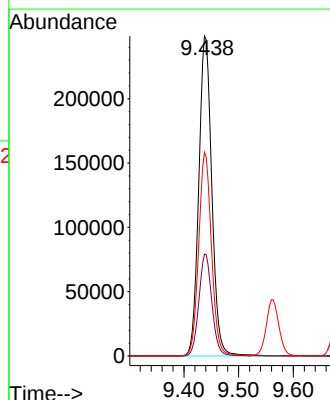
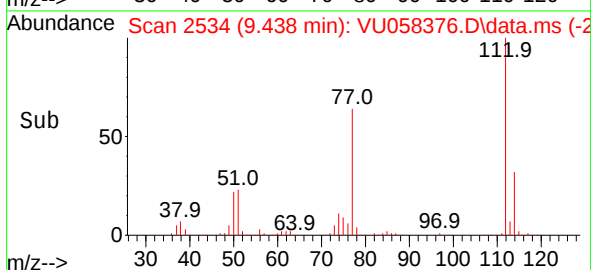
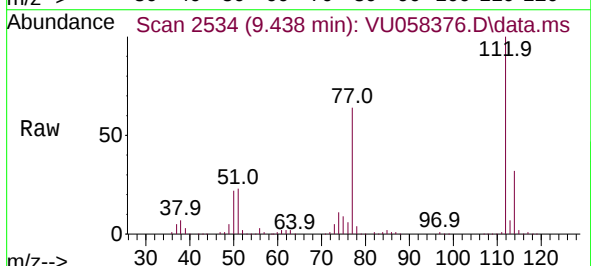


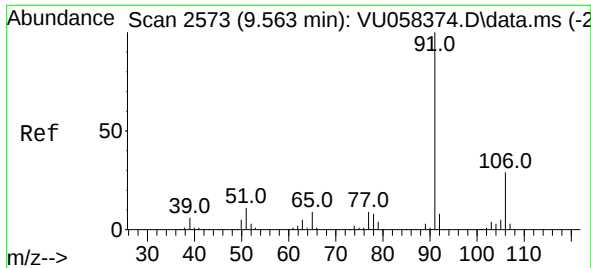
Tgt Ion:107 Resp: 93559
Ion Ratio Lower Upper
107 100
109 93.5 67.3 124.9
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 25.285 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion:112 Resp: 410661
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 63.7 50.1 75.1

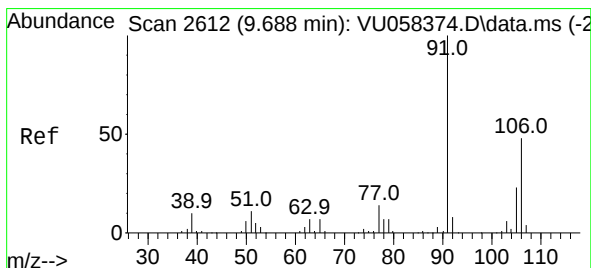
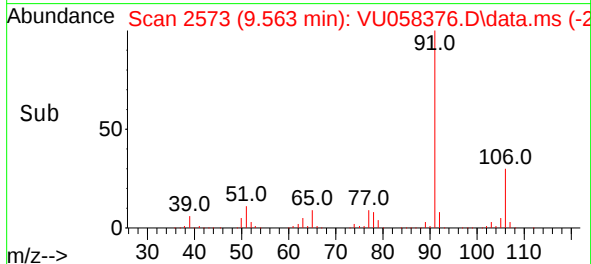
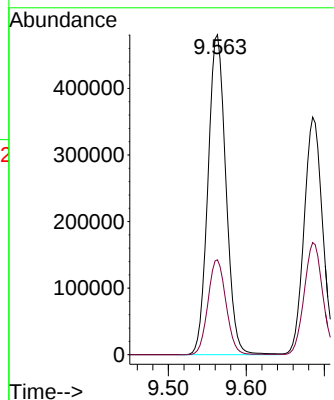
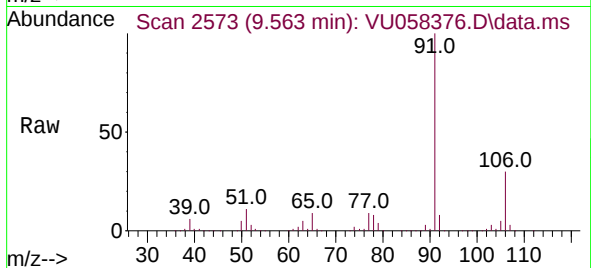




#52
Ethylbenzene
Concen: 27.082 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

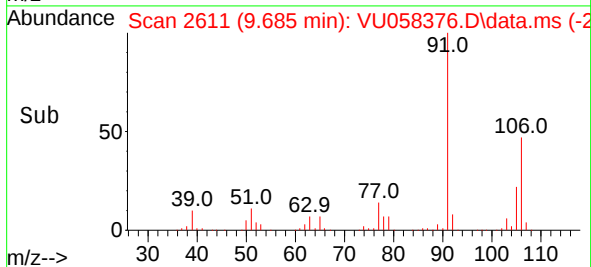
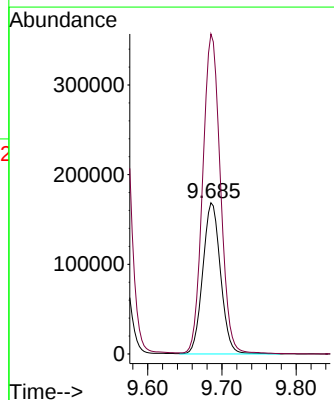
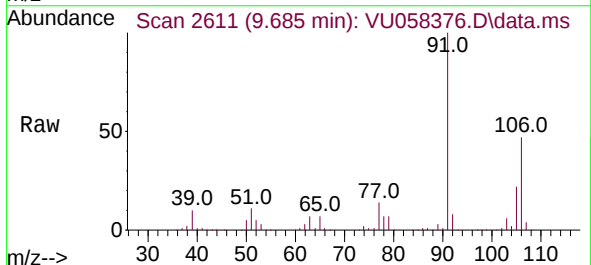
Instrument :
MSVOA_U
ClientSampleId :

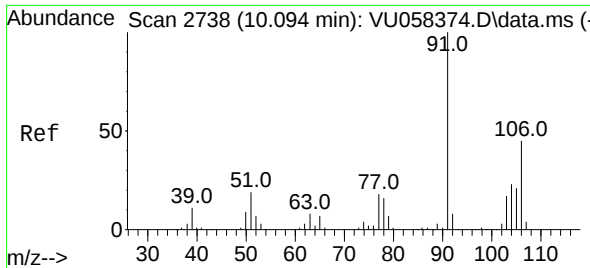
Tgt Ion: 91 Resp: 767263
Ion Ratio Lower Upper
91 100
106 29.7 20.6 38.4



#53
m,p-Xylene
Concen: 27.605 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion: 106 Resp: 279884
Ion Ratio Lower Upper
106 100
91 211.7 147.8 274.4

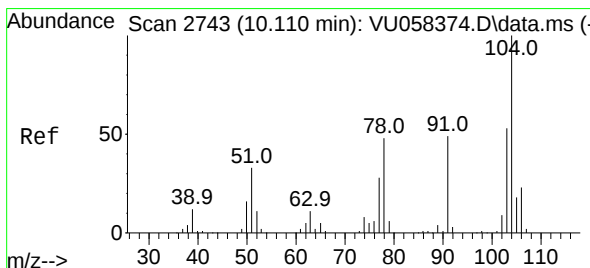
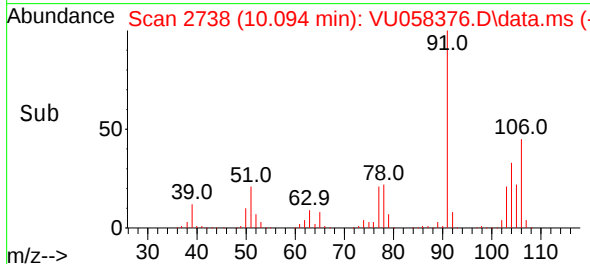
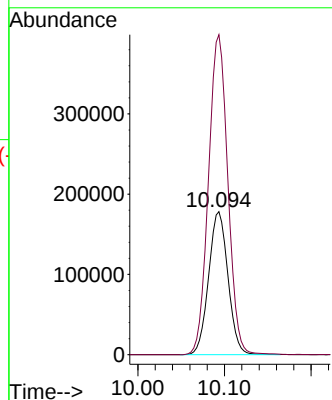
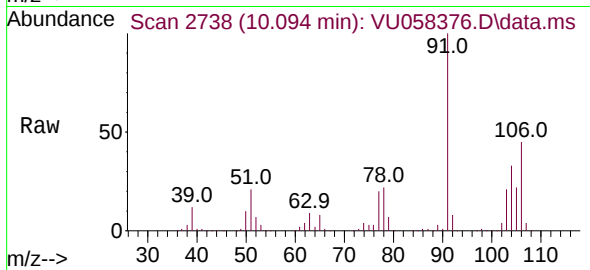




#54
o-Xylene
Concen: 27.341 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

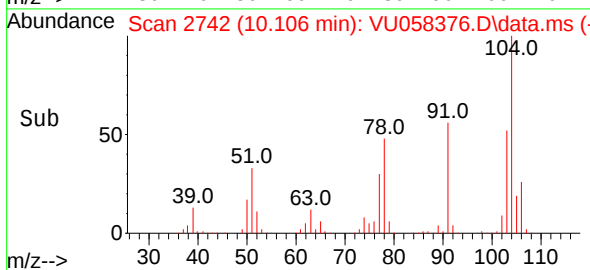
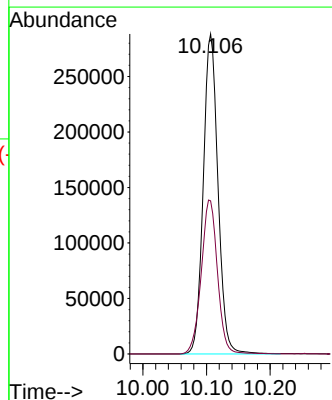
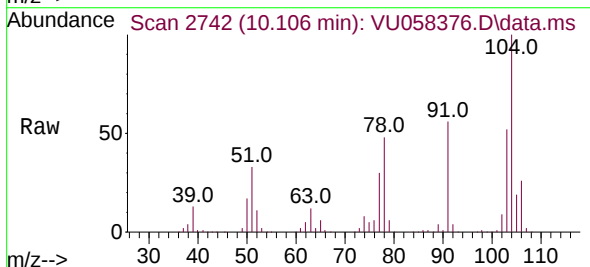
Instrument :
MSVOA_U
ClientSampleId :

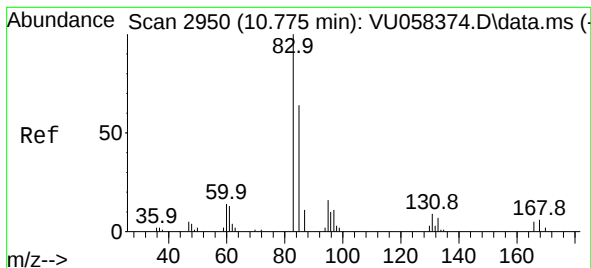
Tgt Ion:106 Resp: 276957
Ion Ratio Lower Upper
106 100
91 223.6 156.9 291.5



#55
Styrene
Concen: 28.792 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion:104 Resp: 462948
Ion Ratio Lower Upper
104 100
78 47.9 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.485 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

ClientSampleId :

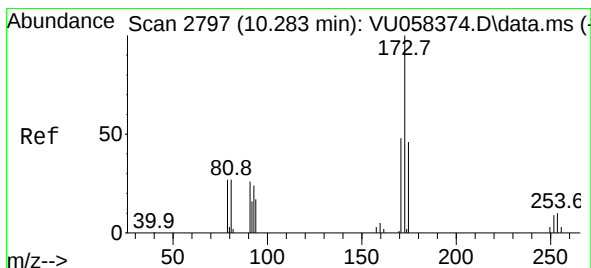
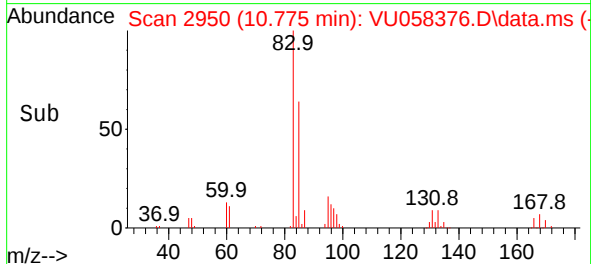
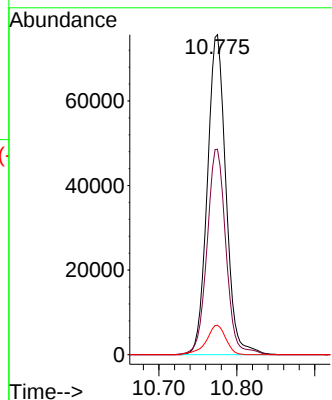
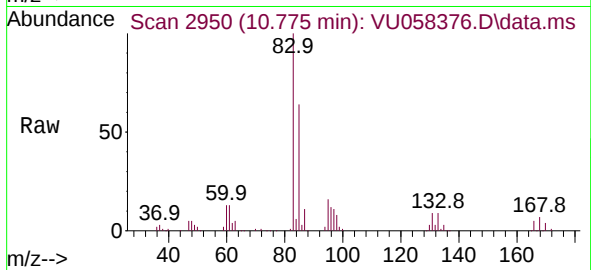
Tgt Ion: 83 Resp: 125198

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7

131 9.2 6.9 10.3



#59

Bromoform

Concen: 25.685 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

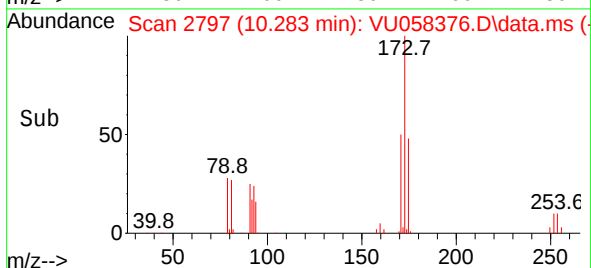
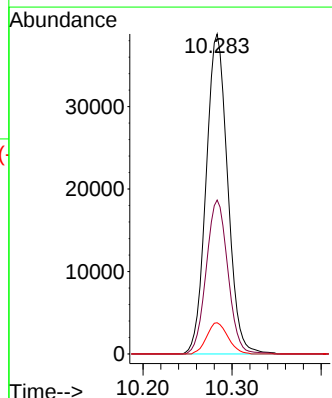
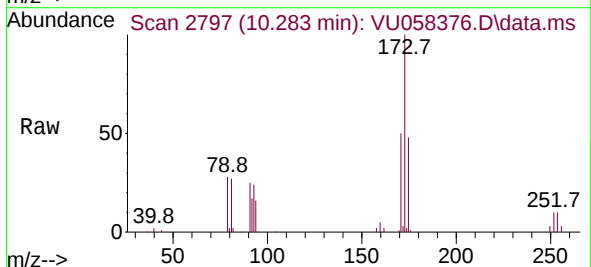
Tgt Ion:173 Resp: 65088

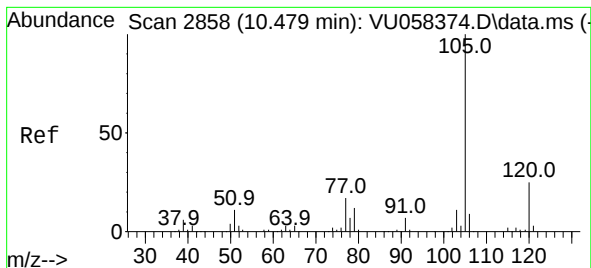
Ion Ratio Lower Upper

173 100

175 48.3 38.0 57.0

254 9.6 7.5 11.3





#60

Isopropylbenzene

Concen: 24.937 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

ClientSampleId :

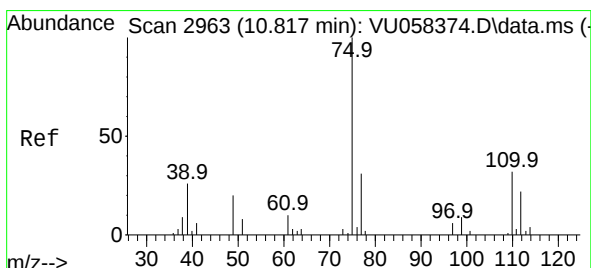
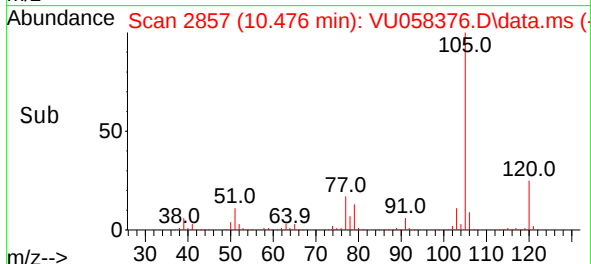
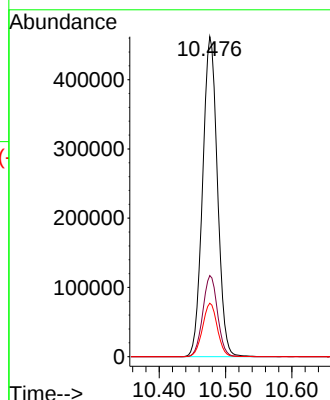
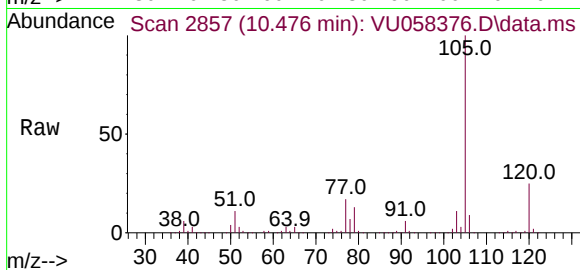
Tgt Ion:105 Resp: 714820

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 16.7 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 22.704 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

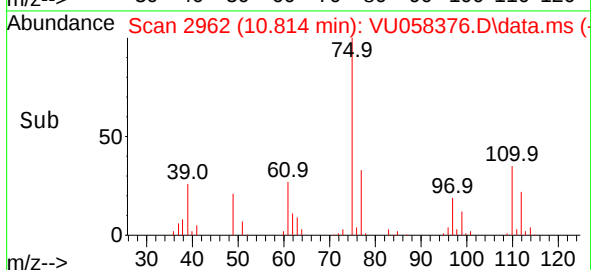
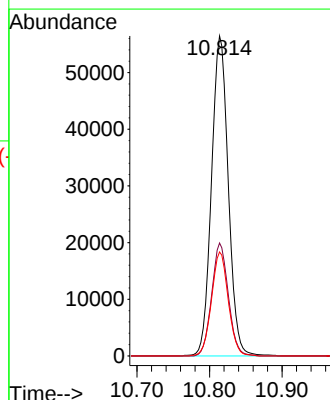
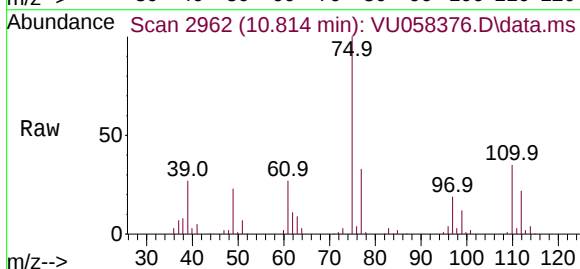
Tgt Ion: 75 Resp: 90856

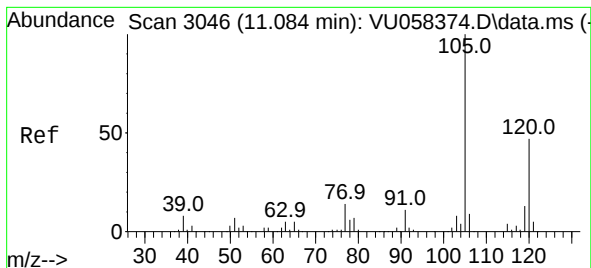
Ion Ratio Lower Upper

75 100

110 35.0 25.8 38.6

77 32.5 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 25.517 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

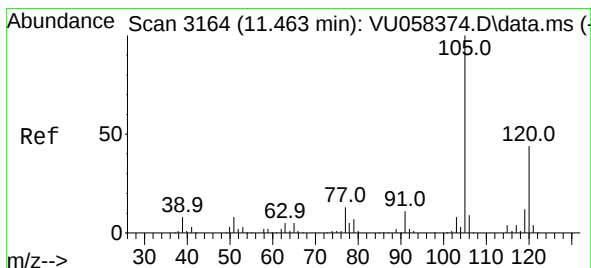
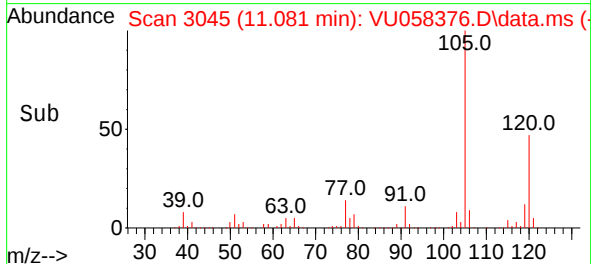
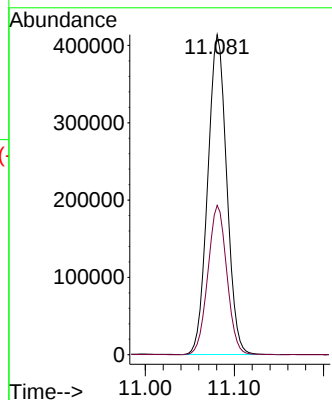
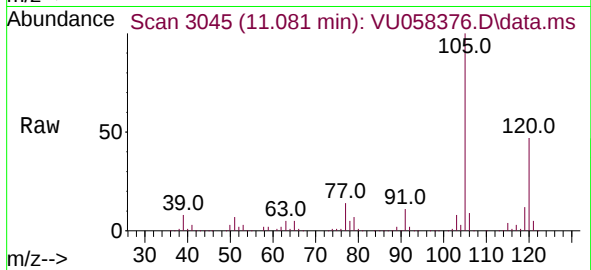
ClientSampleId :

Tgt Ion:105 Resp: 610680

Ion Ratio Lower Upper

105 100

120 46.8 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 26.348 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058376.D

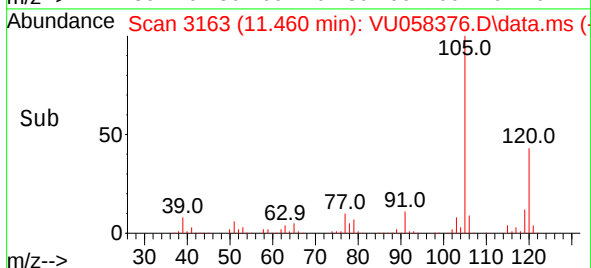
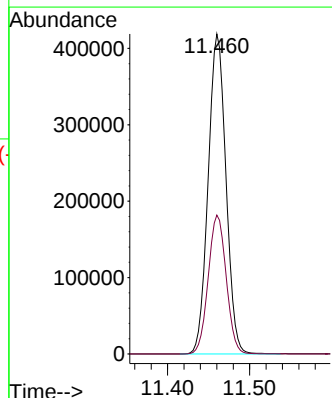
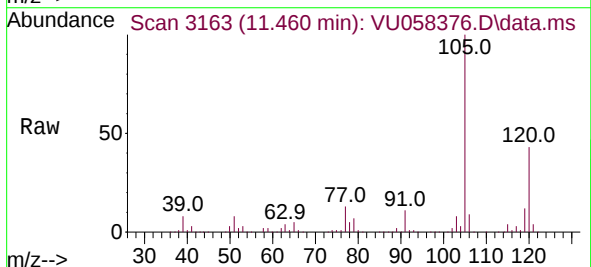
Acq: 04 Apr 2024 18:28

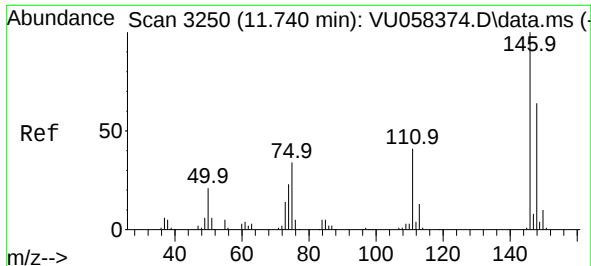
Tgt Ion:105 Resp: 631255

Ion Ratio Lower Upper

105 100

120 43.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 24.384 ug/L

RT: 11.737 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

ClientSampleId :

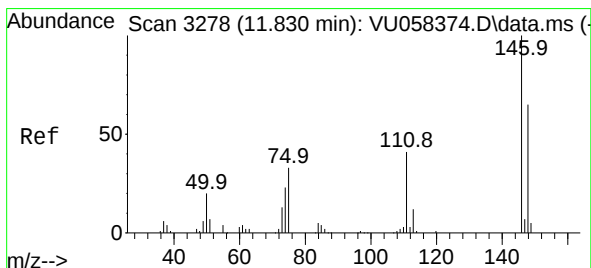
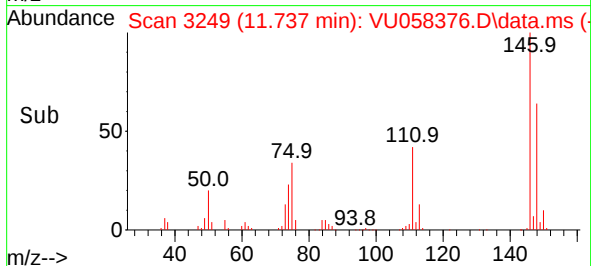
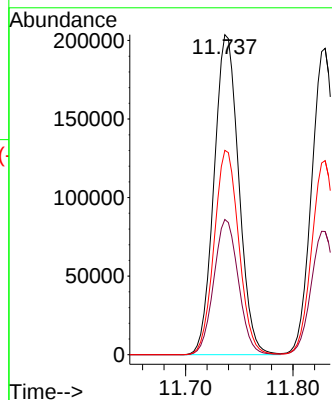
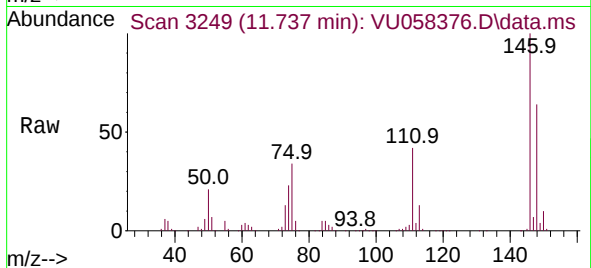
Tgt Ion:146 Resp: 325576

Ion Ratio Lower Upper

146 100

111 42.3 28.8 53.4

148 63.8 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 24.441 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

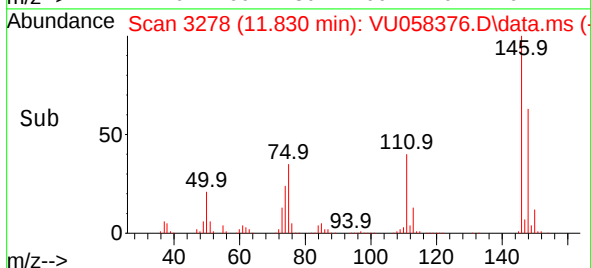
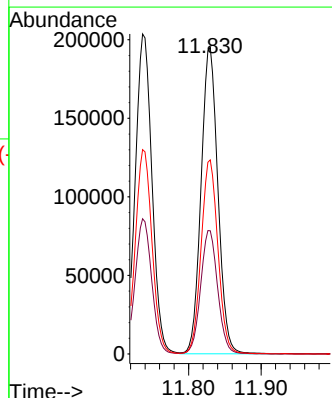
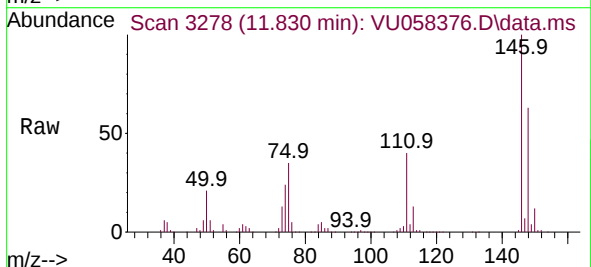
Tgt Ion:146 Resp: 315260

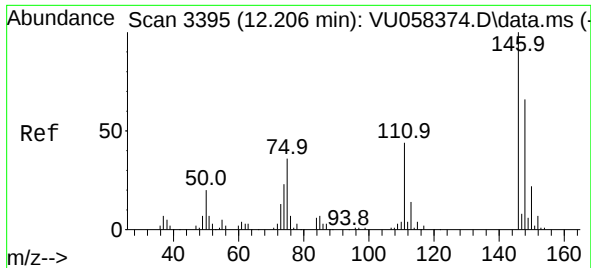
Ion Ratio Lower Upper

146 100

111 40.2 28.8 53.6

148 63.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 24.065 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

Instrument :

MSVOA_U

ClientSampleId :

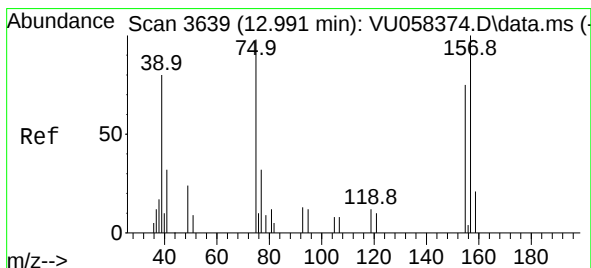
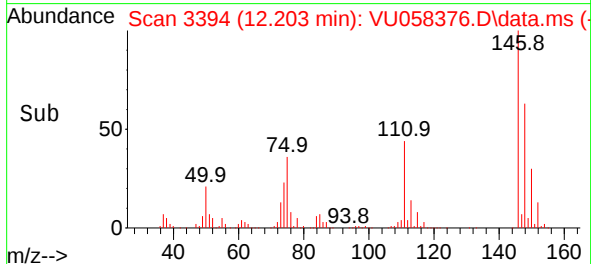
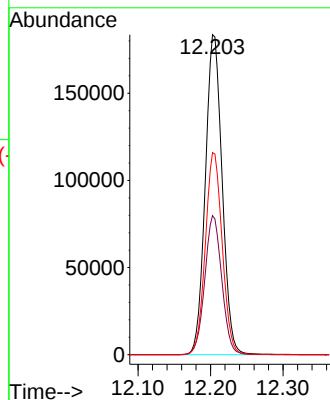
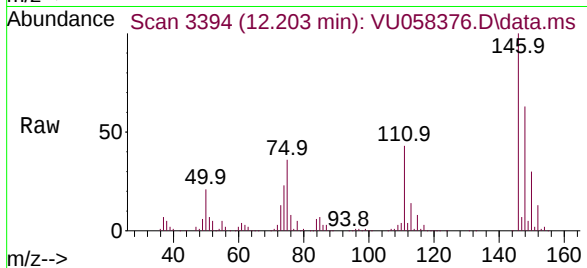
Tgt Ion:146 Resp: 296277

Ion Ratio Lower Upper

146 100

111 43.5 35.0 52.4

148 63.1 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 30.511 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058376.D

Acq: 04 Apr 2024 18:28

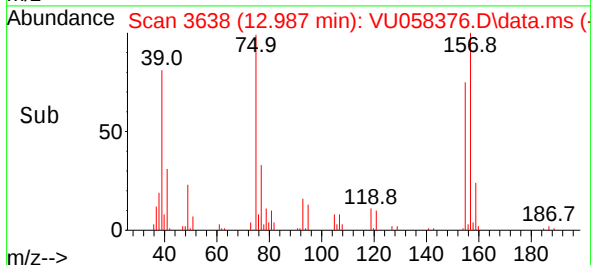
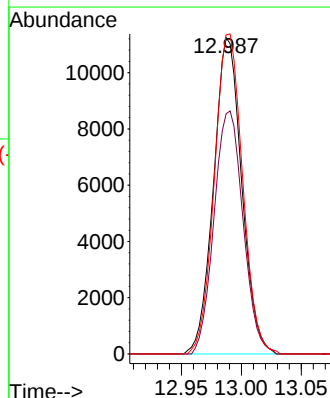
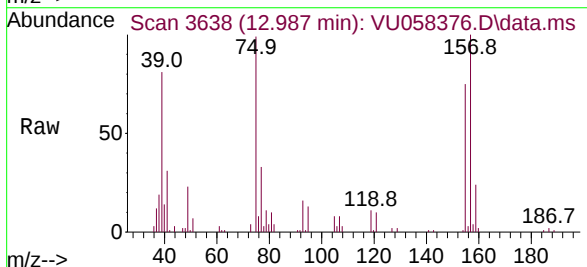
Tgt Ion: 75 Resp: 18348

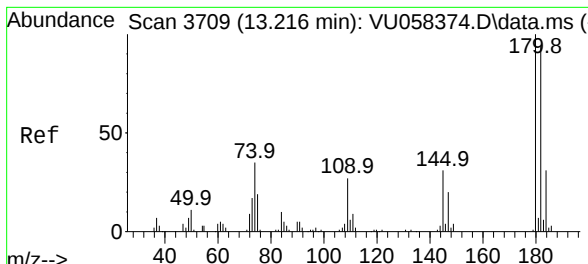
Ion Ratio Lower Upper

75 100

155 75.9 61.4 92.0

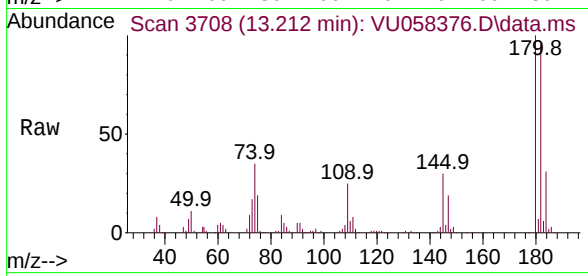
157 100.9 81.7 122.5





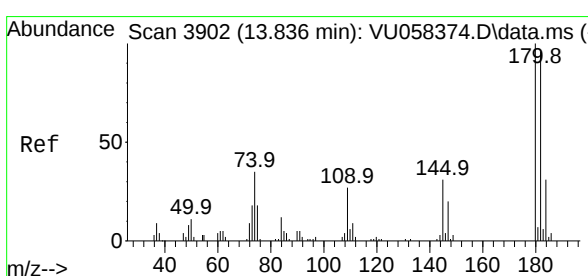
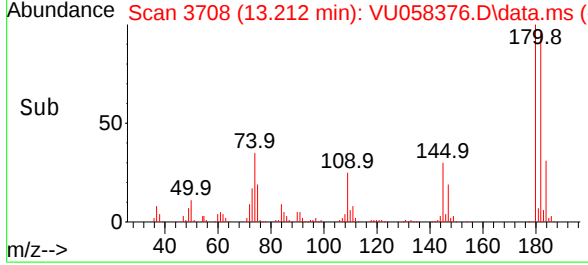
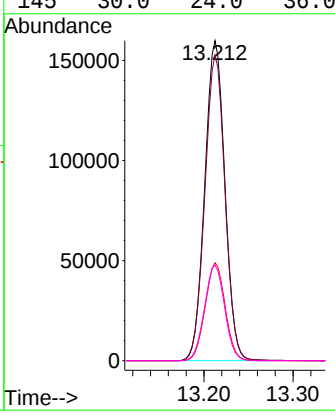
#69
 1,3,5-Trichlorobenzene
 Concen: 26.452 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU058376.D
 Acq: 04 Apr 2024 18:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 250234

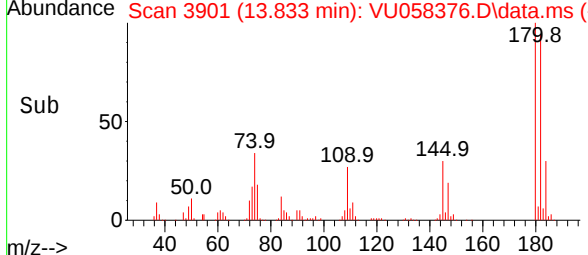
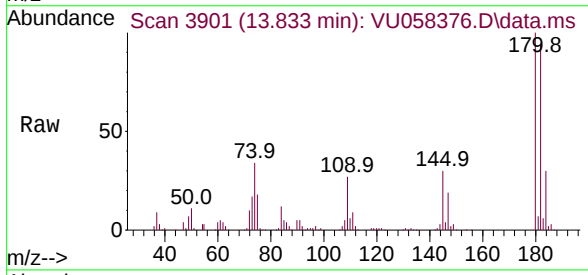
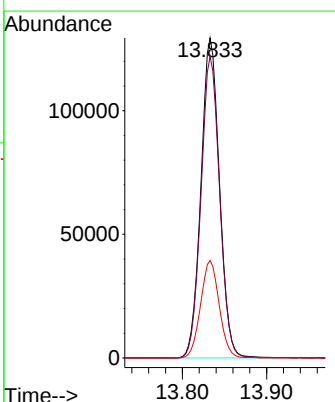
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
184	30.4	24.3	36.5
145	30.0	24.0	36.0

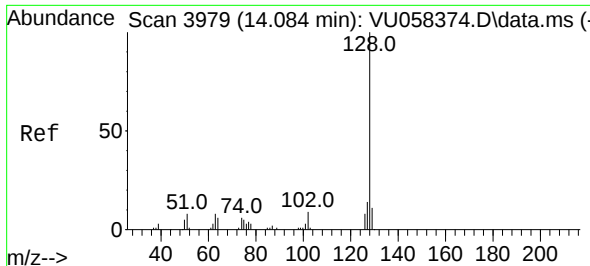


#70
 1,2,4-trichlorobenzene
 Concen: 28.548 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU058376.D
 Acq: 04 Apr 2024 18:28

Tgt Ion:180 Resp: 198663

Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.4	111.6
145	30.6	24.1	36.1

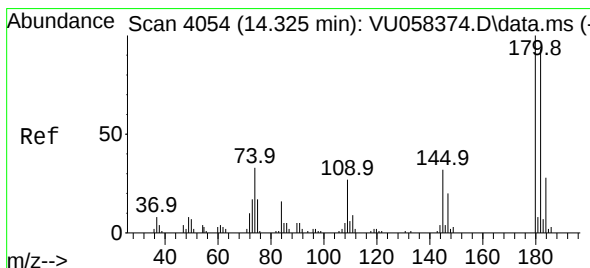
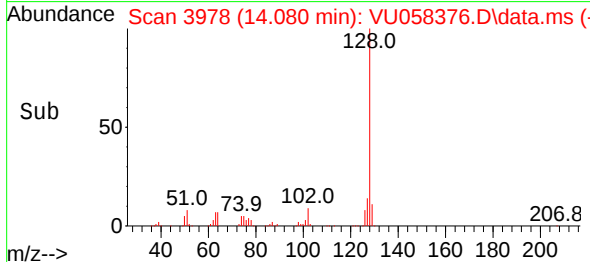
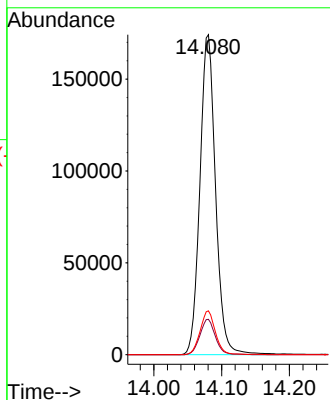
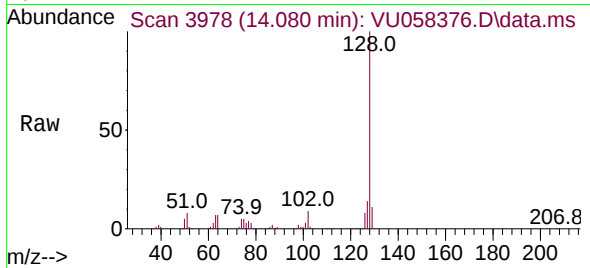




#71
Naphthalene
Concen: 30.088 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 279784
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 28.309 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU058376.D
Acq: 04 Apr 2024 18:28

Tgt Ion:180 Resp: 161541
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 32.4 25.2 37.8

