

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052924\
 Data File : VU059050.D
 Acq On : 29 May 2024 13:51
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:10:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 00:07:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	217652	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	252732	119.015	ug/L	0.00
7) Chloroethane-d5	1.872	69	226289	128.508	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.554	63	508439	151.856	ug/L	0.00
21) 2-Butanone-d5	4.608	46	520676	344.659	ug/L	0.00
24) Chloroform-d	5.049	84	527251	142.308	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	320203	141.334	ug/L	0.00
32) Benzene-d6	5.714	84	1004179	146.545	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	340345	148.650	ug/L	0.00
41) Toluene-d8	7.891	98	888438	145.792	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	152851	149.783	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	393719	410.902	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	627350	179.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	365901	155.205	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	409810	251.218	ug/L	99
3) Chloromethane	1.515	50	457953	258.886	ug/L	99
5) Vinyl chloride	1.599	62	466160	233.944	ug/L	99
6) Bromomethane	1.824	94	374849	286.547	ug/L	98
8) Chloroethane	1.891	64	314639	238.288	ug/L	99
9) Trichlorofluoromethane	2.113	101	548424	211.714	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	311405	182.318	ug/L	98
12) 1,1-Dichloroethene	2.563	96	301817	214.315	ug/L	96
13) Acetone	2.618	43	453153	313.323	ug/L	99
14) Carbon disulfide	2.776	76	984065	320.923	ug/L	100
15) Methyl Acetate	2.936	43	428419	190.583	ug/L	98
16) Methylene chloride	3.030	84	367054	166.807	ug/L	99
17) trans-1,2-Dichloroethene	3.338	96	322896	225.917	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	1100006	203.525	ug/L	99
19) 1,1-Dichloroethane	3.853	63	675557	192.863	ug/L	96
20) cis-1,2-Dichloroethene	4.650	96	373780	205.246	ug/L	98
22) 2-Butanone	4.689	43	644549	353.924	ug/L	99
23) Bromochloromethane	4.959	128	181744	192.065	ug/L	98
25) Chloroform	5.075	83	654689	179.628	ug/L	100
27) 1,2-Dichloroethane	5.782	62	547416	192.582	ug/L	100
29) Cyclohexane	5.377	56	591087	288.120	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	535359	202.694	ug/L	99
31) Carbon tetrachloride	5.512	117	436413	203.898	ug/L	100
33) Benzene	5.763	78	1498439	220.195	ug/L	100
34) Trichloroethene	6.531	95	370823	209.500	ug/L	100
35) Methylcyclohexane	6.753	83	594718	270.036	ug/L	97
37) 1,2-Dichloropropane	6.779	63	415436	192.718	ug/L	100
38) Bromodichloromethane	7.094	83	495994	189.323	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	643998	217.223	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	1212954	405.638	ug/L	99
42) Toluene	7.962	91	1576212	220.347	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	592616	213.543	ug/L	99

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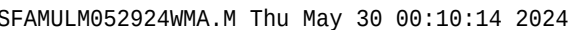
Instrument :
 MSVOA_U
 ClientSampleId :

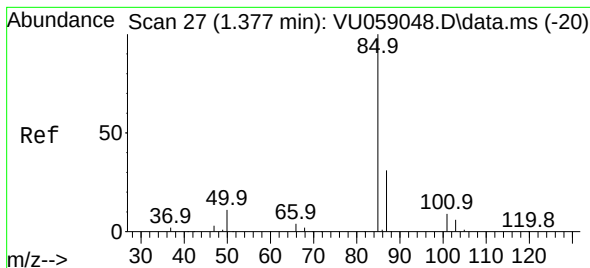
Quant Time: May 30 00:10:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 00:07:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	385928	185.382	ug/L	99
46) Tetrachloroethene	8.544	164	250615	212.753	ug/L	95
48) 2-Hexanone	8.679	43	999567	404.212	ug/L	98
49) Dibromochloromethane	8.801	129	366663	185.856	ug/L	97
50) 1,2-Dibromoethane	8.914	107	406092	202.133	ug/L	98
51) Chlorobenzene	9.441	112	936369	202.166	ug/L	100
52) Ethylbenzene	9.563	91	1734927	225.709	ug/L	100
53) m,p-Xylene	9.685	106	643202	231.734	ug/L	100
54) o-Xylene	10.094	106	635011	230.063	ug/L	99
55) Styrene	10.107	104	1127721	232.042	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	768139	205.975	ug/L	97
59) Bromoform	10.283	173	310621	193.408	ug/L	100
60) 1,2,3-Trichloropropane	10.817	75	583025	185.965	ug/L	99
61) Isopropylbenzene	10.476	105	1692899	212.585	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1302593	211.816	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1464333	231.262	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	779354	192.427	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	797550	195.094	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	809241	194.735	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	166540	198.075	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	540265	191.330	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	472297	196.826	ug/L	99
71) Naphthalene	14.081	128	1559042	223.300	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	470571	192.045	ug/L	100

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

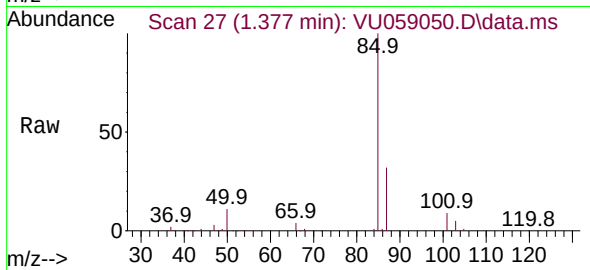
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
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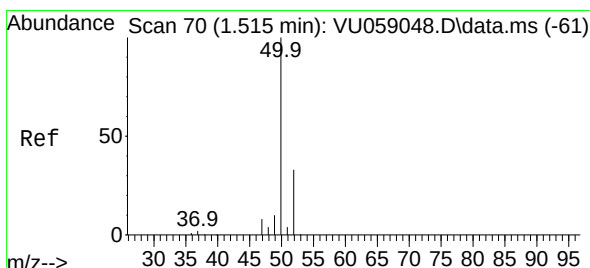
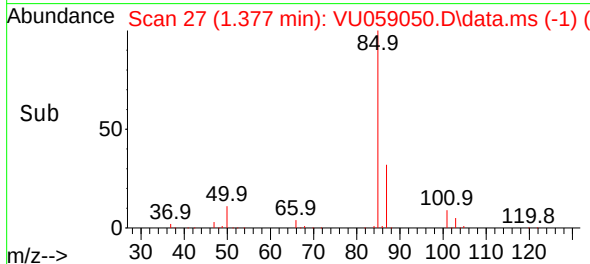
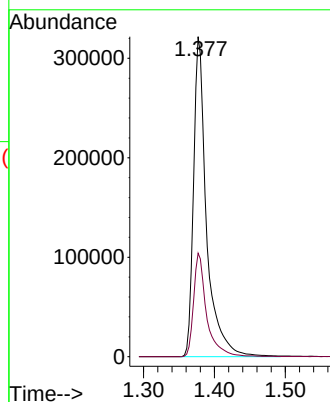


#2
 Dichlorodifluoromethane
 Concen: 251.218 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059050.D
 Acq: 29 May 2024 13:51

Instrument :
 MSVOA_U
 ClientSampleId :

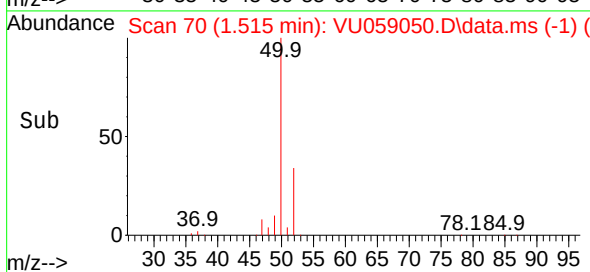
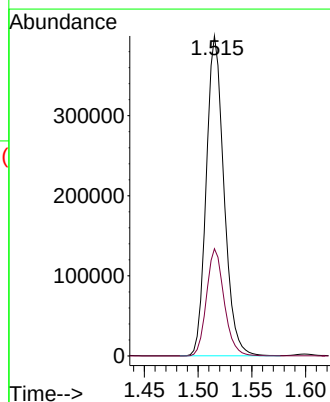
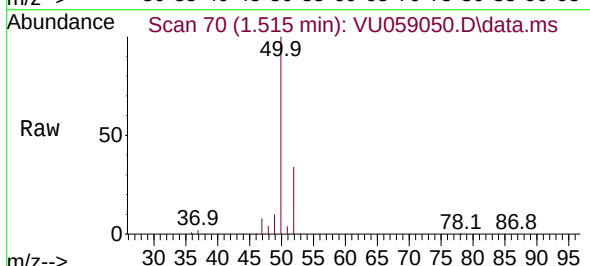


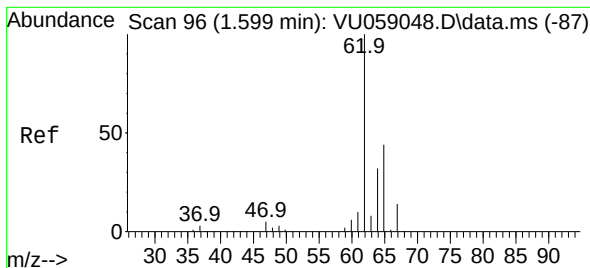
Tgt Ion: 85 Resp: 409810
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.2



#3
 Chloromethane
 Concen: 258.886 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059050.D
 Acq: 29 May 2024 13:51

Tgt Ion: 50 Resp: 457953
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.2 43.2





#5

Vinyl chloride

Concen: 233.944 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

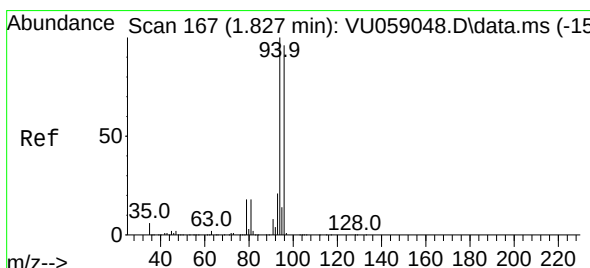
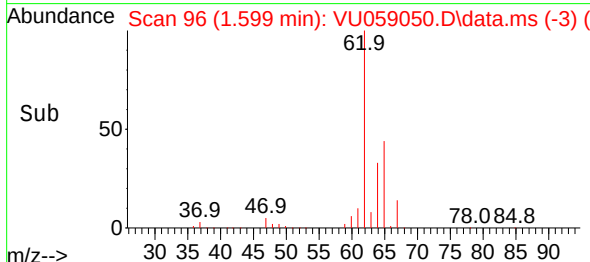
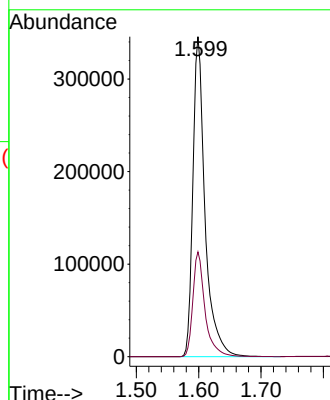
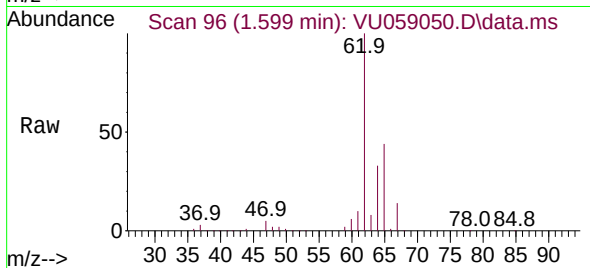
ClientSampleId :

Tgt Ion: 62 Resp: 466160

Ion Ratio Lower Upper

62 100

64 32.8 22.5 41.7



#6

Bromomethane

Concen: 286.547 ug/L

RT: 1.824 min Scan# 166

Delta R.T. -0.003 min

Lab File: VU059050.D

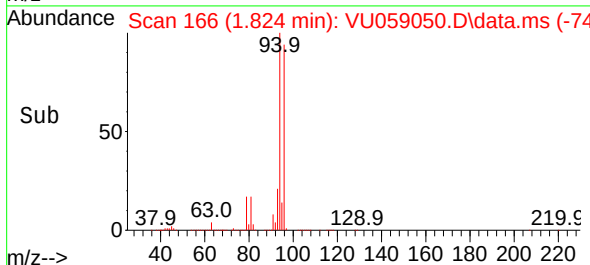
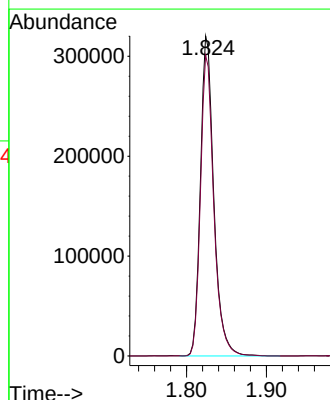
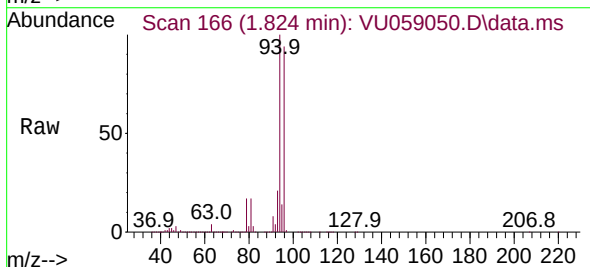
Acq: 29 May 2024 13:51

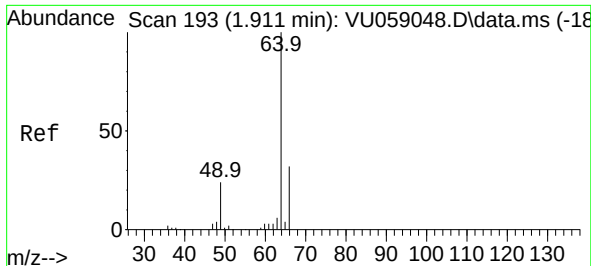
Tgt Ion: 94 Resp: 374849

Ion Ratio Lower Upper

94 100

96 93.9 67.1 124.7

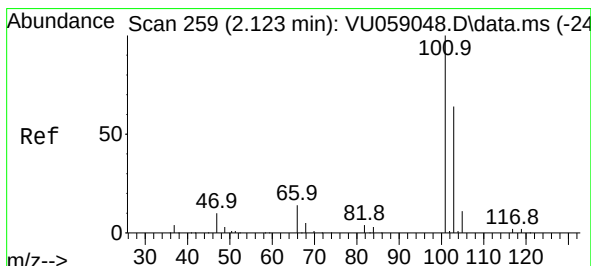
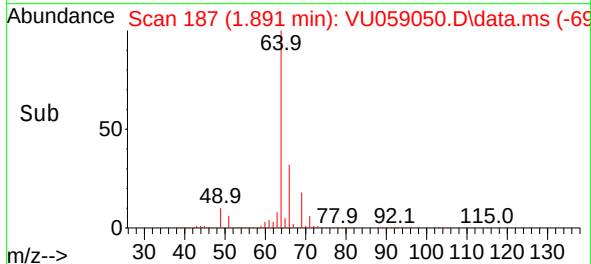
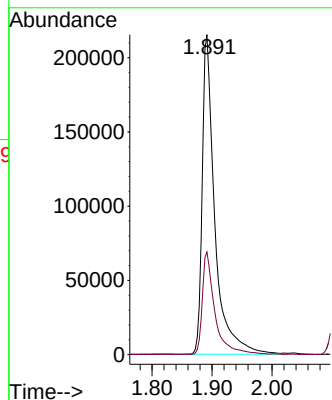
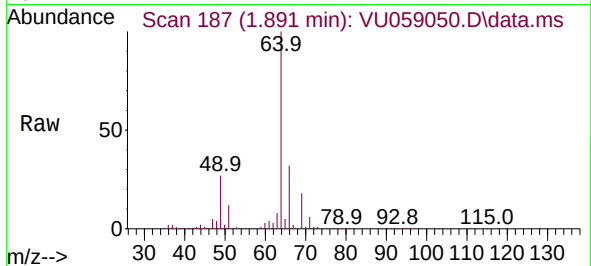




#8
Chloroethane
Concen: 238.288 ug/L
RT: 1.891 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

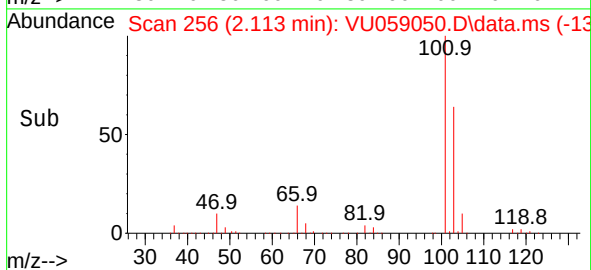
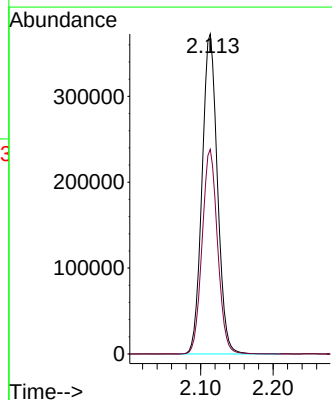
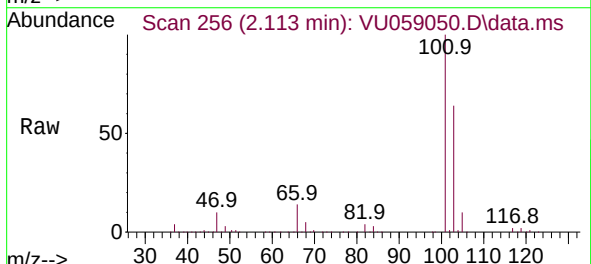
Instrument :
MSVOA_U
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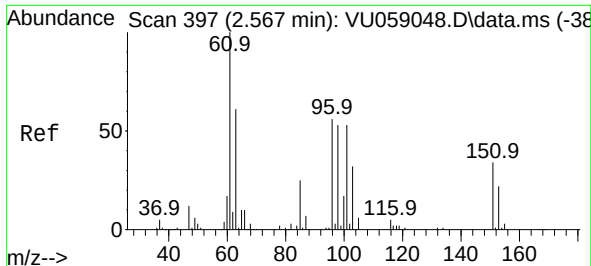
Tgt Ion: 64 Resp: 314639
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 211.714 ug/L
RT: 2.113 min Scan# 256
Delta R.T. -0.010 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion:101 Resp: 548424
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 182.318 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.003 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

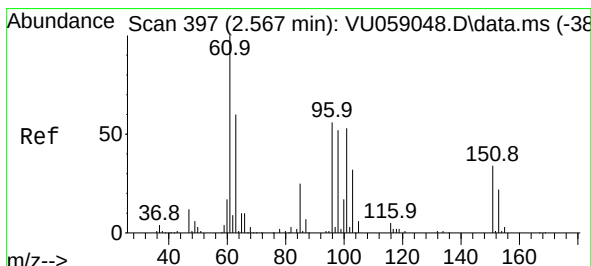
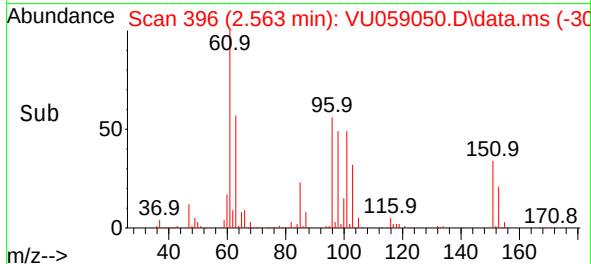
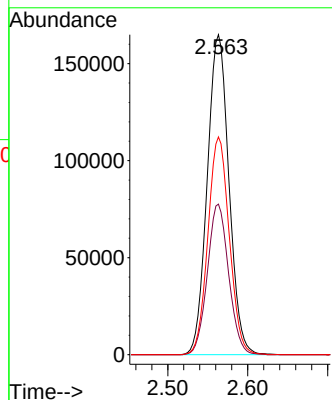
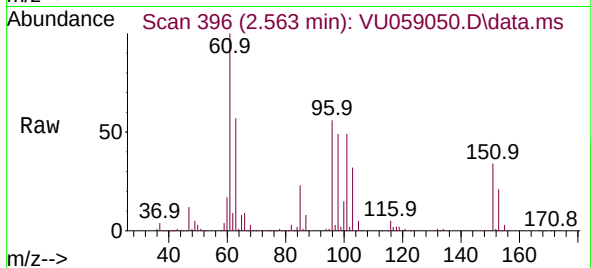
Tgt Ion:101 Resp: 311405

Ion Ratio Lower Upper

101 100

85 46.2 36.7 55.1

151 67.0 52.2 78.2



#12

1,1-Dichloroethene

Concen: 214.315 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.003 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

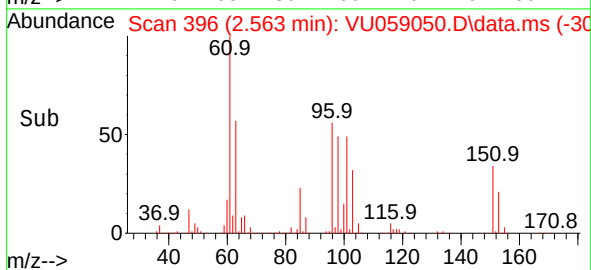
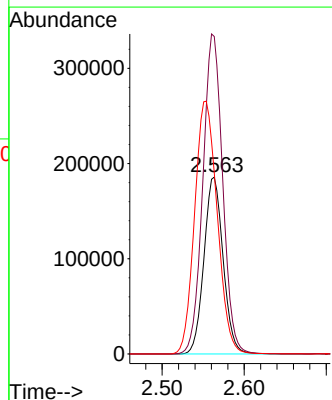
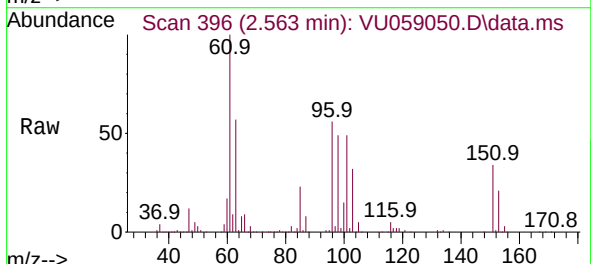
Tgt Ion: 96 Resp: 301817

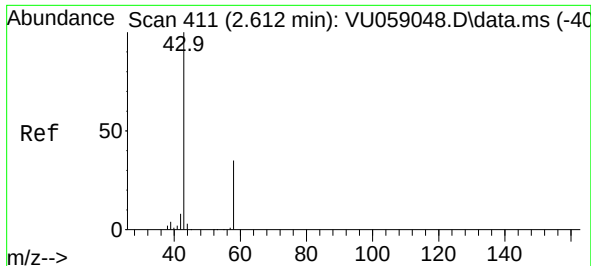
Ion Ratio Lower Upper

96 100

61 179.7 126.3 234.6

63 102.4 78.7 146.1





#13

Acetone

Concen: 313.323 ug/L

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

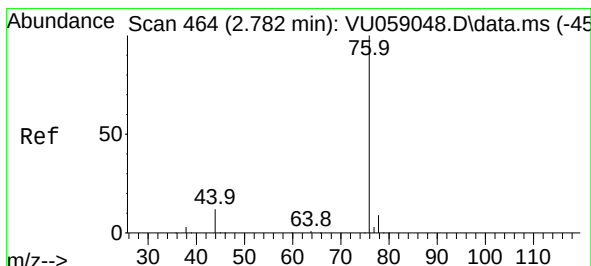
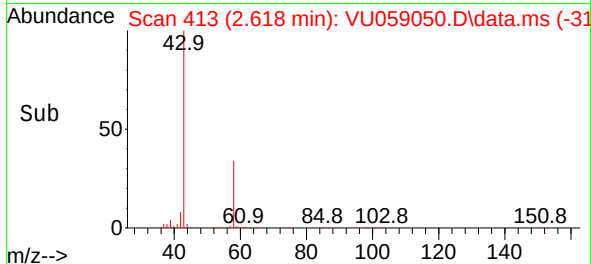
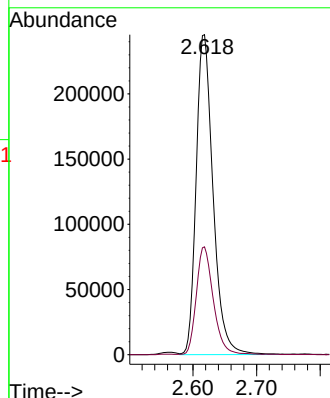
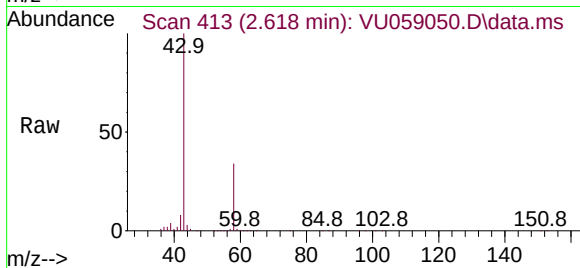
ClientSampleId :

Tgt Ion: 43 Resp: 453153

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.8



#14

Carbon disulfide

Concen: 320.923 ug/L

RT: 2.776 min Scan# 462

Delta R.T. -0.006 min

Lab File: VU059050.D

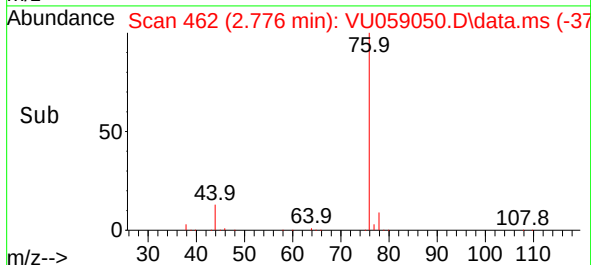
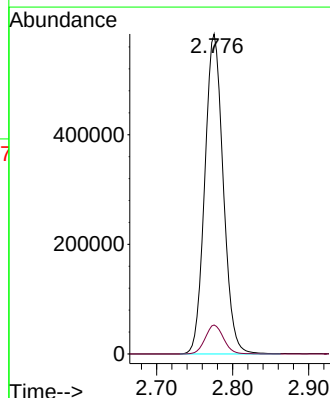
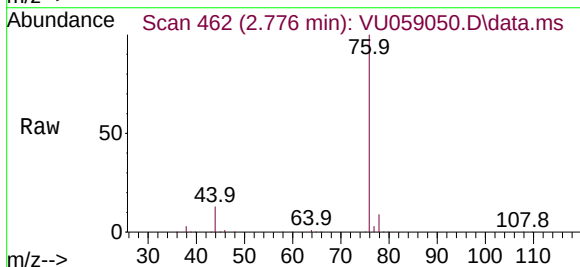
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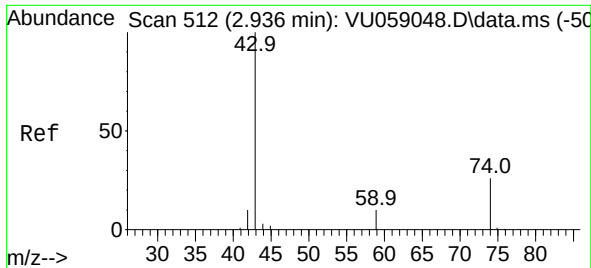
Tgt Ion: 76 Resp: 984065

Ion Ratio Lower Upper

76 100

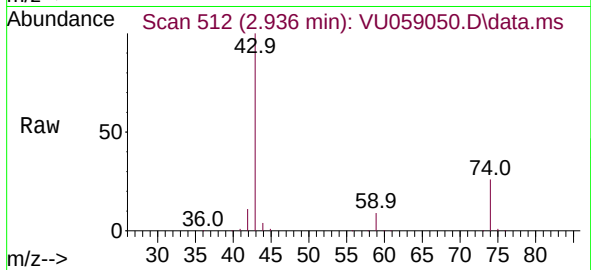
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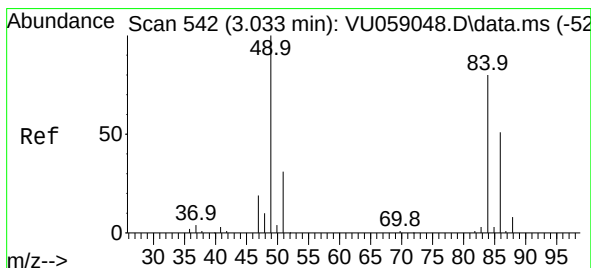
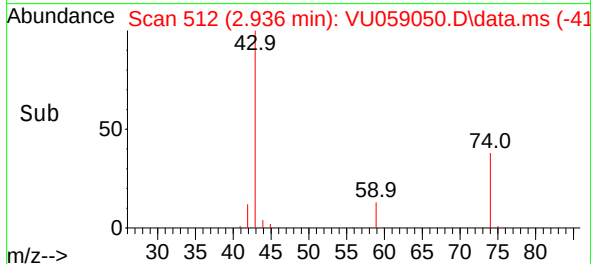
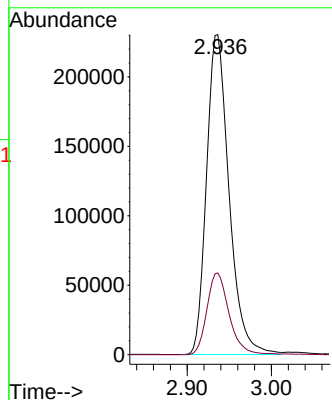


#15
Methyl Acetate
Concen: 190.583 ug/L
RT: 2.936 min Scan# 512
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :

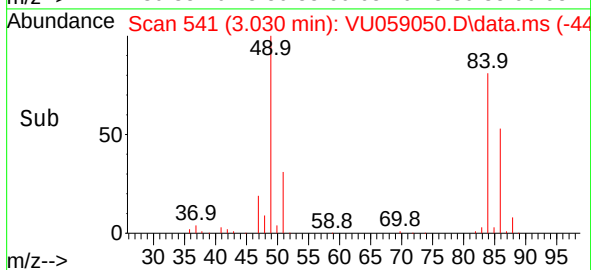
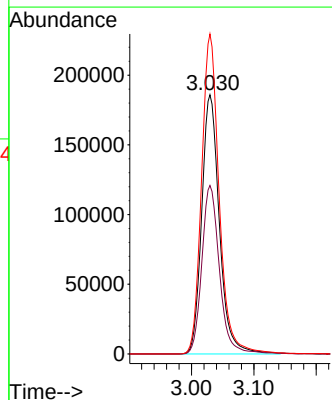
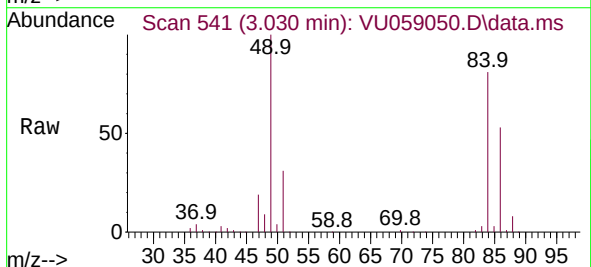


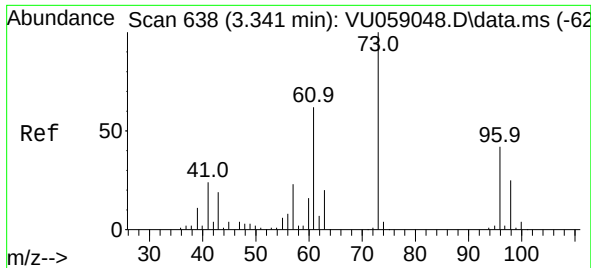
Tgt Ion: 43 Resp: 428419
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2



#16
Methylene chloride
Concen: 166.807 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion: 84 Resp: 367054
Ion Ratio Lower Upper
84 100
86 65.0 44.9 83.3
49 123.4 87.5 162.5

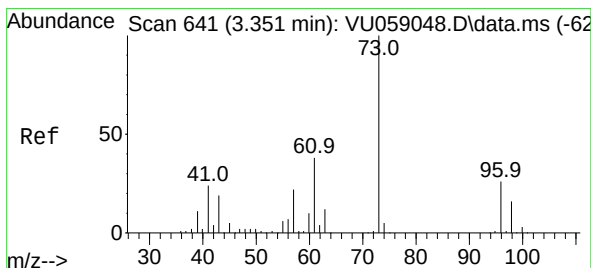
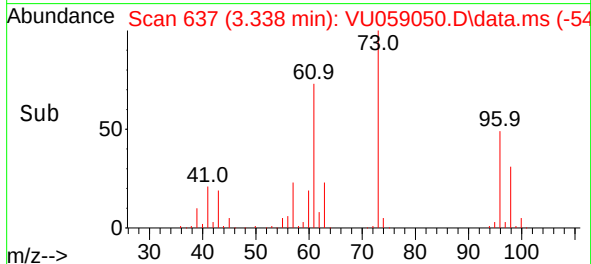
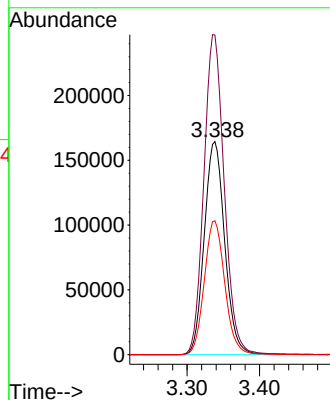
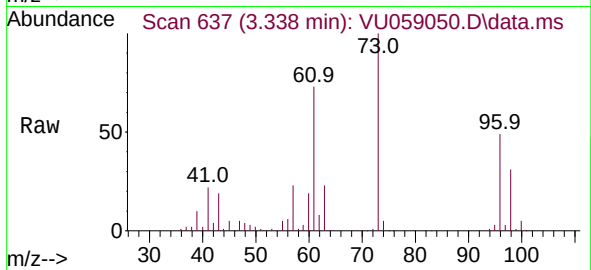




#17
trans-1,2-Dichloroethene
Concen: 225.917 ug/L
RT: 3.338 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

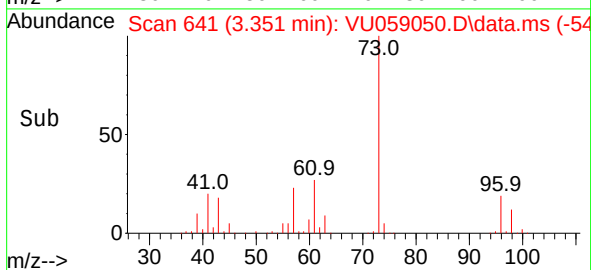
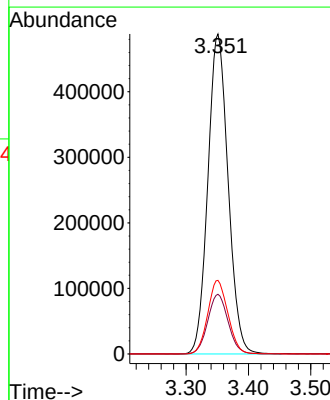
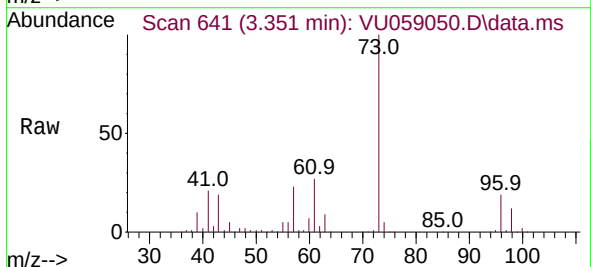
Instrument :
MSVOA_U
ClientSampleId :

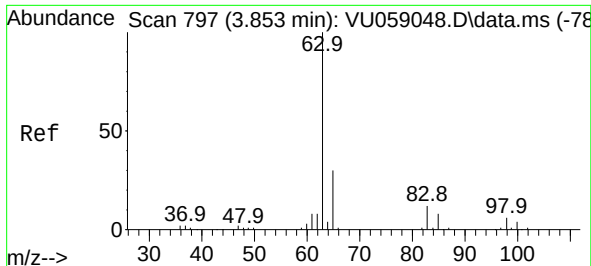
Tgt Ion: 96 Resp: 322896
Ion Ratio Lower Upper
96 100
61 149.9 103.5 192.3
98 62.8 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 203.525 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion: 73 Resp: 1100006
Ion Ratio Lower Upper
73 100
43 18.8 15.6 23.4
57 22.9 18.6 28.0





#19

1,1-Dichloroethane

Concen: 192.863 ug/L

RT: 3.853 min Scan# 797

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

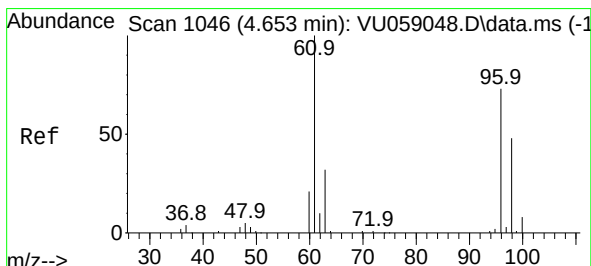
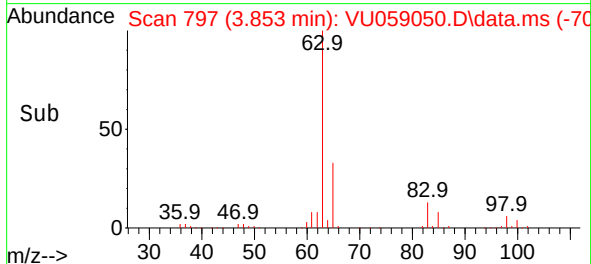
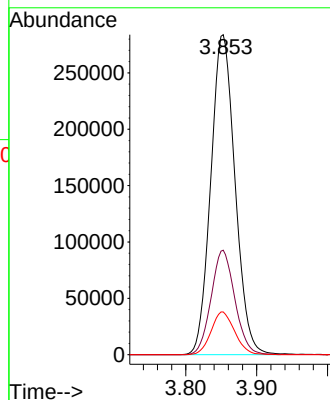
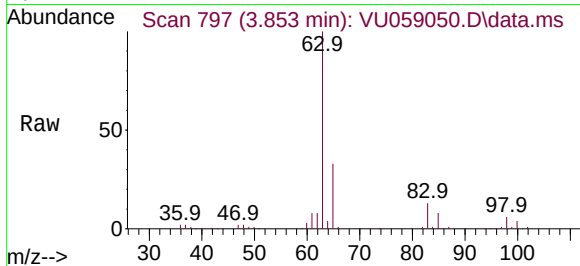
Tgt Ion: 63 Resp: 675557

Ion Ratio Lower Upper

63 100

65 32.6 21.3 39.5

83 13.3 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 205.246 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

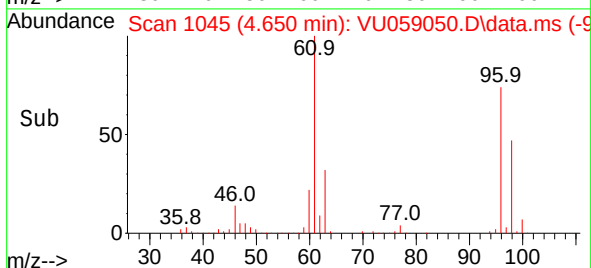
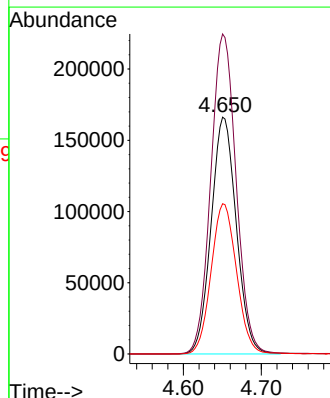
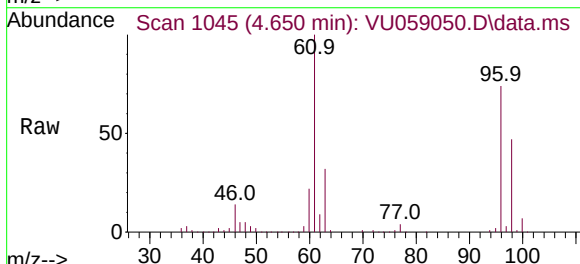
Tgt Ion: 96 Resp: 373780

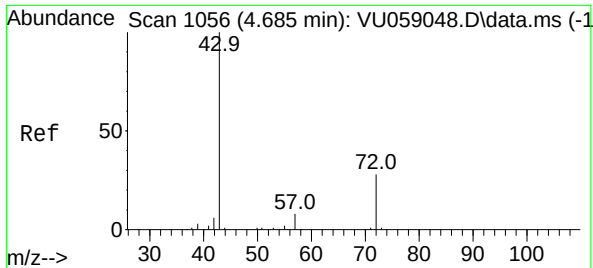
Ion Ratio Lower Upper

96 100

61 135.2 96.2 178.6

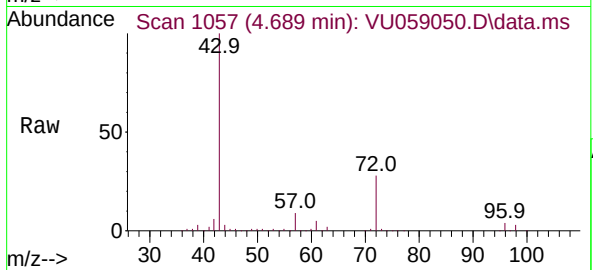
98 63.5 45.6 84.6



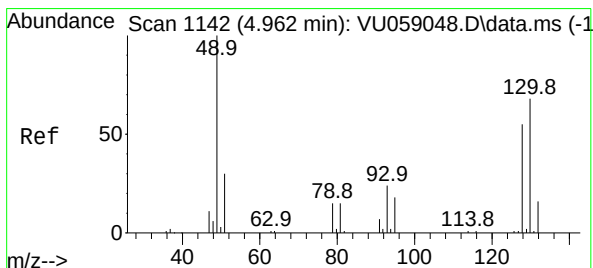
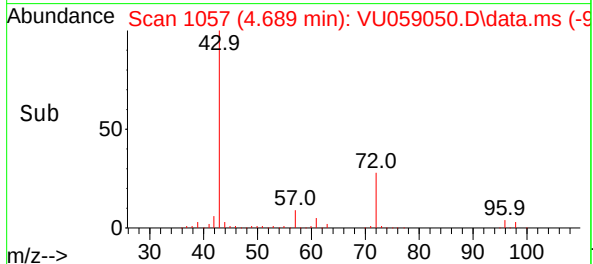
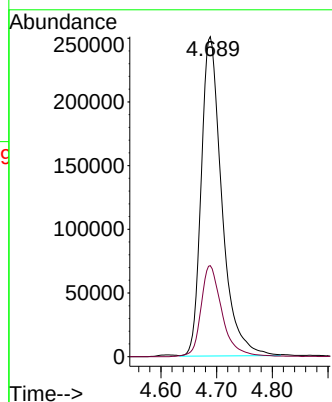


#22
2-Butanone
Concen: 353.924 ug/L
RT: 4.689 min Scan# 1056
Delta R.T. 0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :

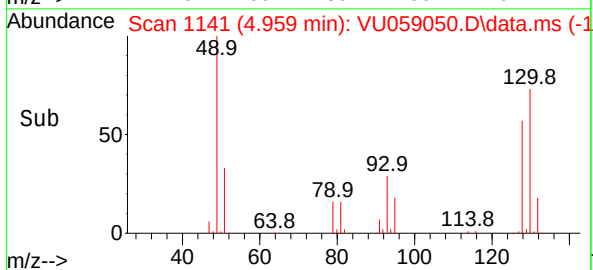
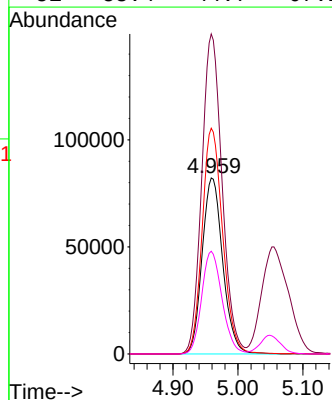
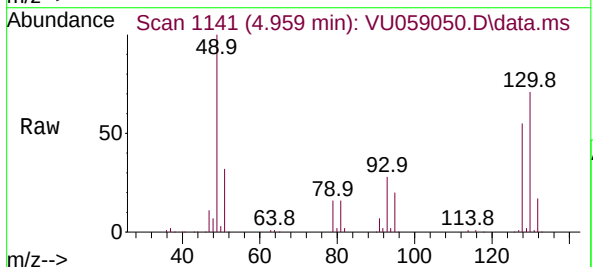


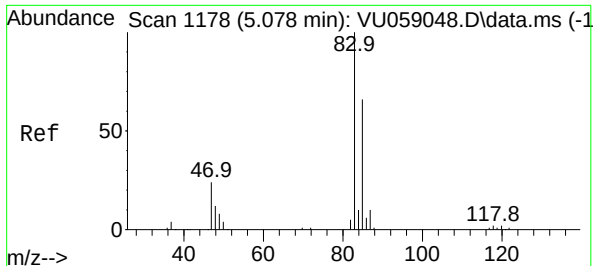
Tgt Ion: 43 Resp: 644549
Ion Ratio Lower Upper
43 100
72 29.2 14.2 42.8



#23
Bromochloromethane
Concen: 192.065 ug/L
RT: 4.959 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion:128 Resp: 181744
Ion Ratio Lower Upper
128 100
49 181.8 128.4 238.4
130 128.3 86.9 161.3
51 58.4 44.7 67.1





#25

Chloroform

Concen: 179.628 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

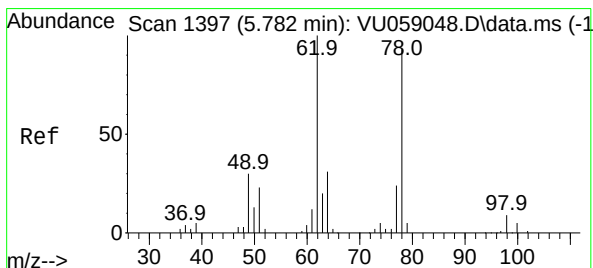
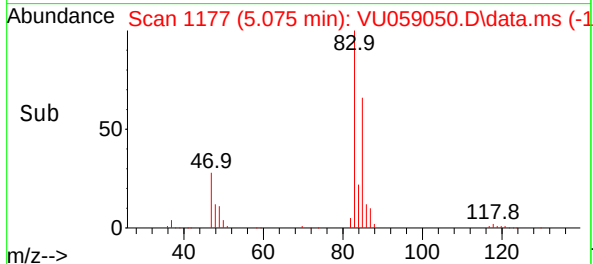
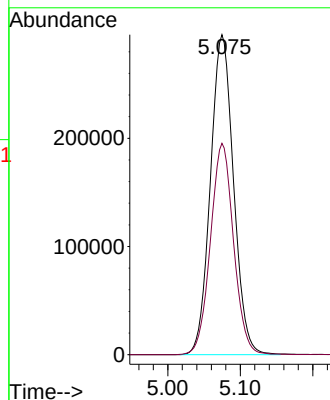
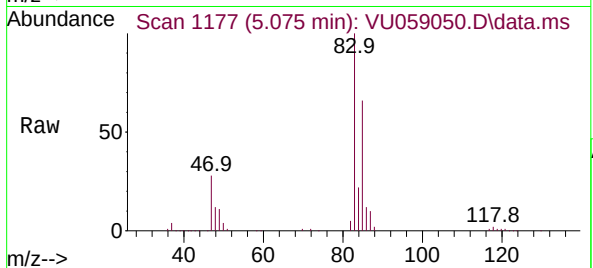
ClientSampleId :

Tgt Ion: 83 Resp: 654689

Ion Ratio Lower Upper

83 100

85 66.1 46.1 85.7



#27

1,2-Dichloroethane

Concen: 192.582 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU059050.D

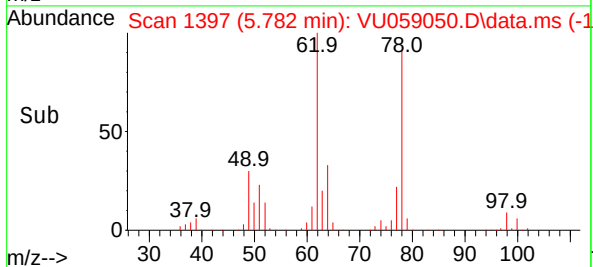
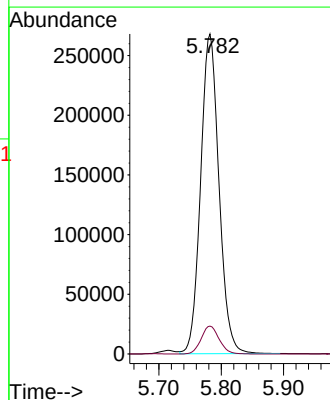
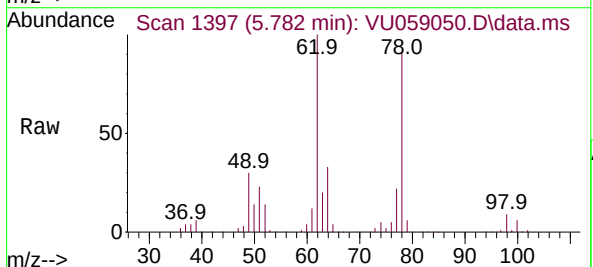
Acq: 29 May 2024 13:51

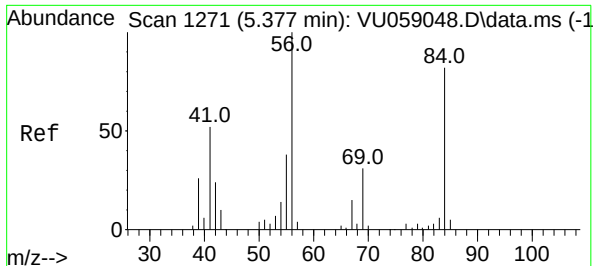
Tgt Ion: 62 Resp: 547416

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3

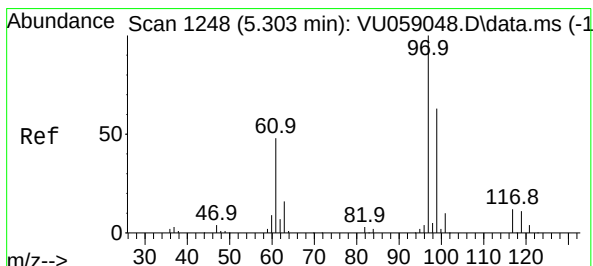
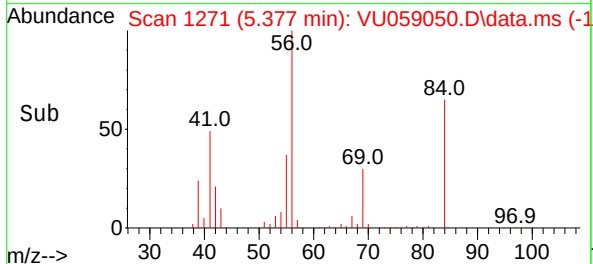
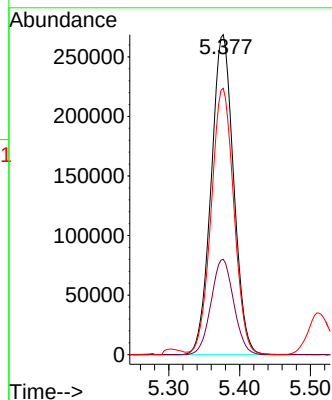
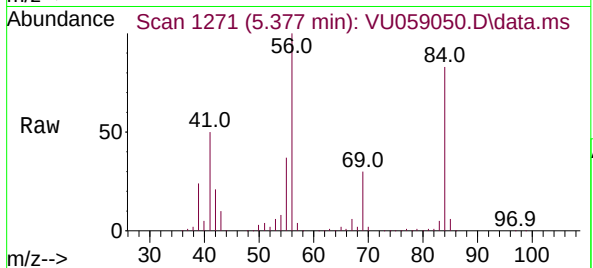




#29
Cyclohexane
Concen: 288.120 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

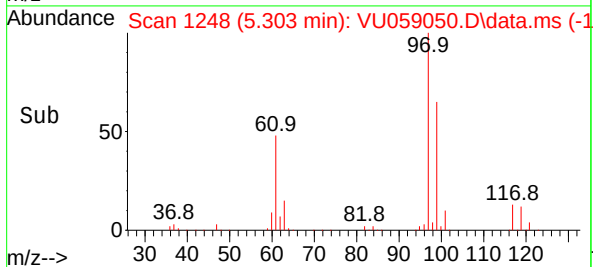
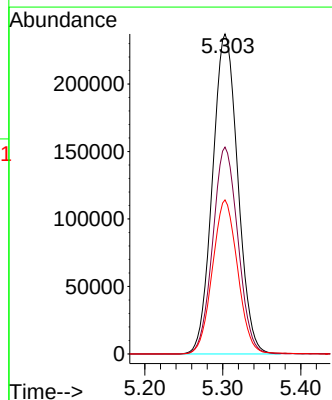
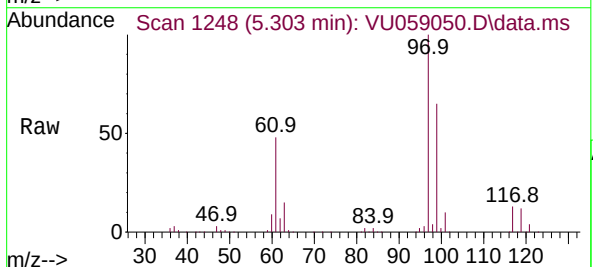
Instrument :
MSVOA_U
ClientSampleId :

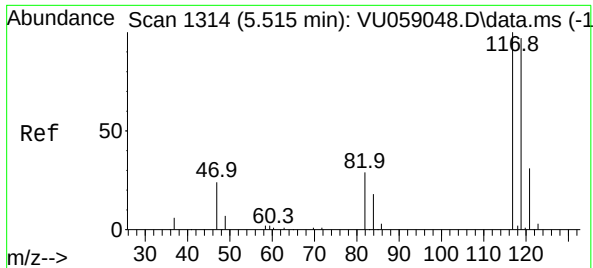
Tgt Ion: 56 Resp: 591087
Ion Ratio Lower Upper
56 100
69 30.0 24.6 37.0
84 84.4 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 202.694 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

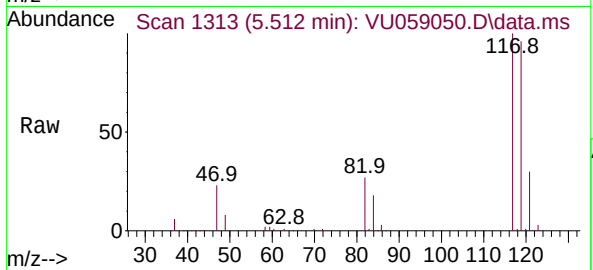
Tgt Ion: 97 Resp: 535359
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 47.9 39.1 58.7



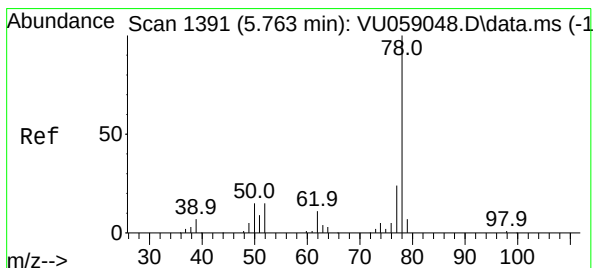
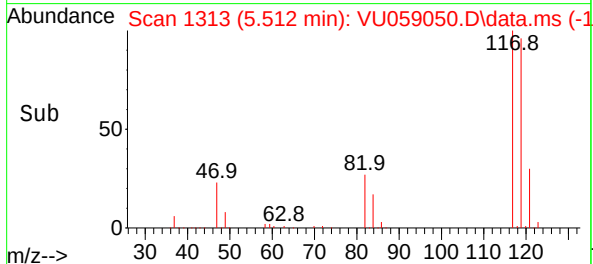
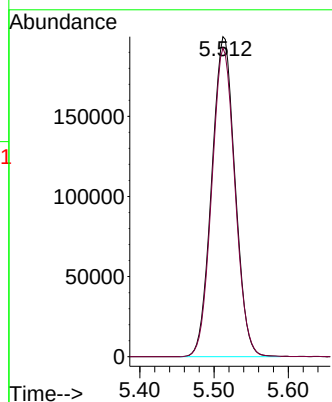


#31
Carbon tetrachloride
Concen: 203.898 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :

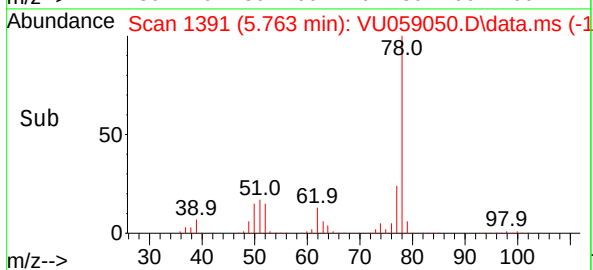
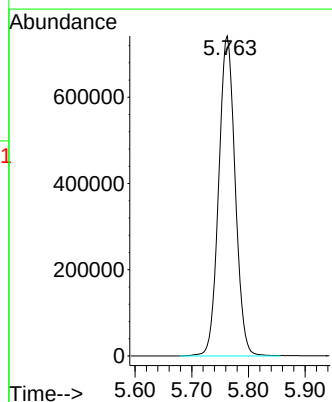
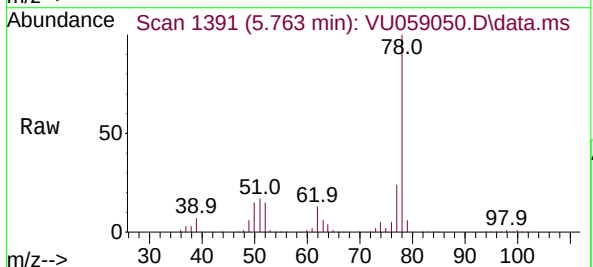


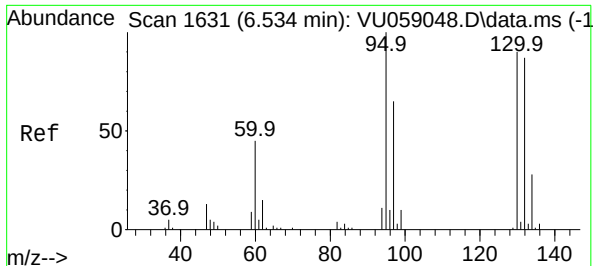
Tgt Ion:117 Resp: 436413
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 220.195 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion: 78 Resp: 1498439





#34

Trichloroethene

Concen: 209.500 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 370823

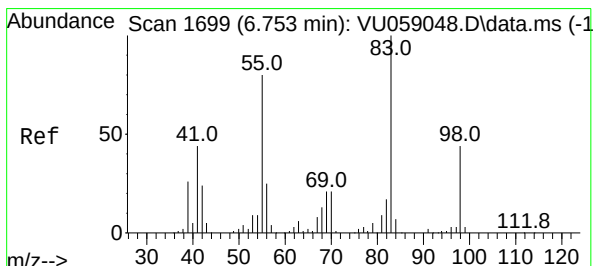
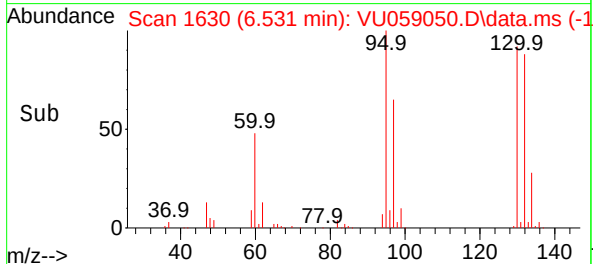
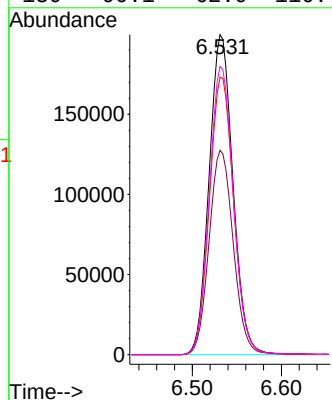
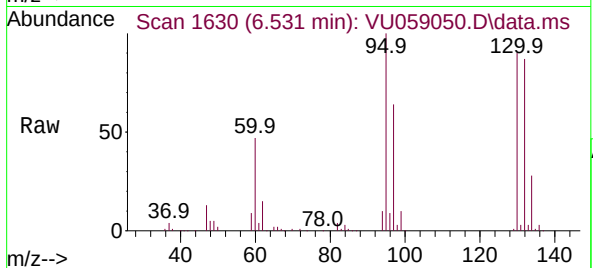
Ion Ratio Lower Upper

95 100

97 63.9 45.2 84.0

132 86.7 60.6 112.6

130 90.1 62.9 116.7



#35

Methylcyclohexane

Concen: 270.036 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

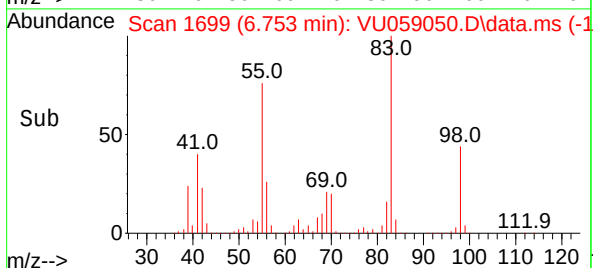
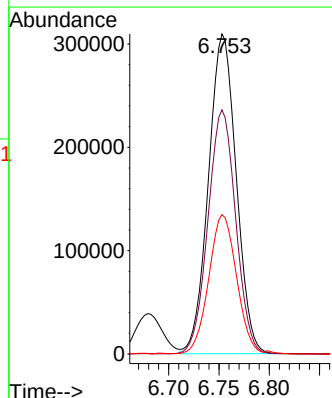
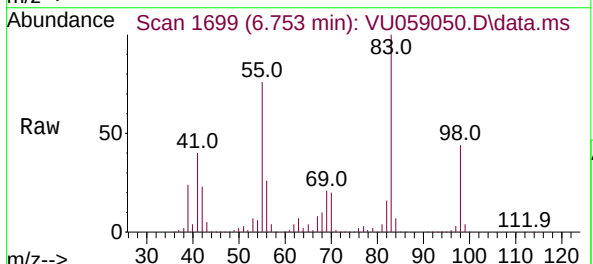
Tgt Ion: 83 Resp: 594718

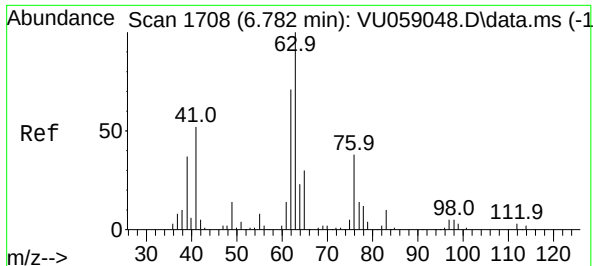
Ion Ratio Lower Upper

83 100

55 76.2 63.9 95.9

98 43.6 34.7 52.1

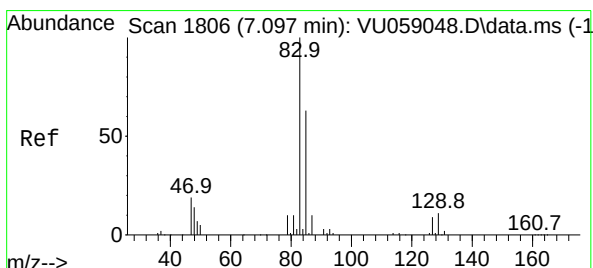
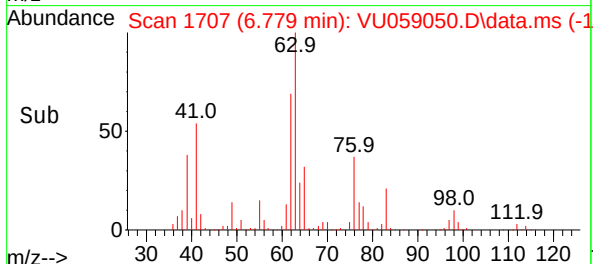
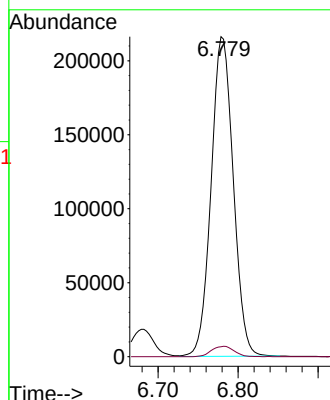
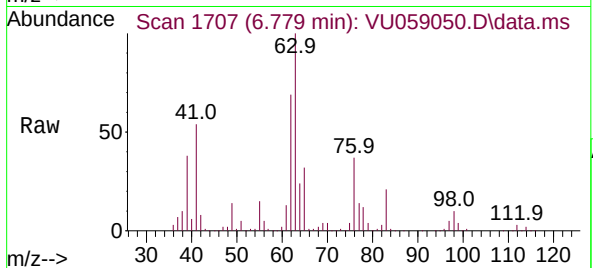




#37
1,2-Dichloropropane
Concen: 192.718 ug/L
RT: 6.779 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

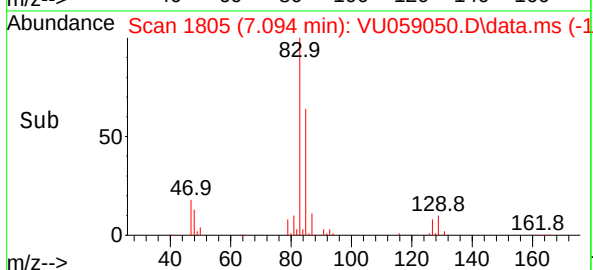
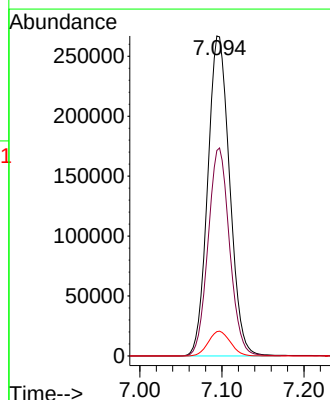
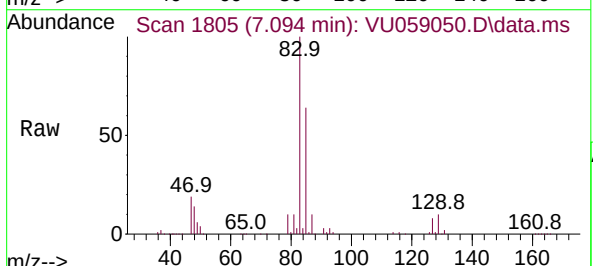
Instrument :
MSVOA_U
ClientSampleId :

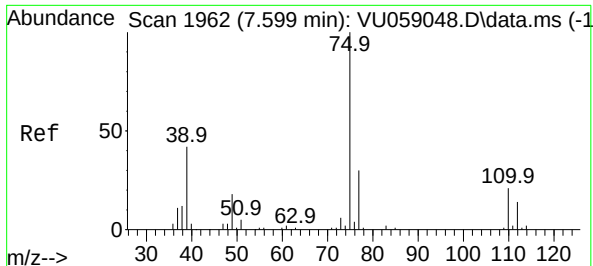
Tgt Ion: 63 Resp: 415436
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 189.323 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion: 83 Resp: 495994
Ion Ratio Lower Upper
83 100
85 64.2 44.0 81.6
127 7.6 7.0 10.6

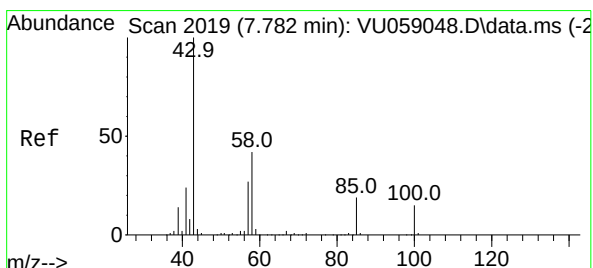
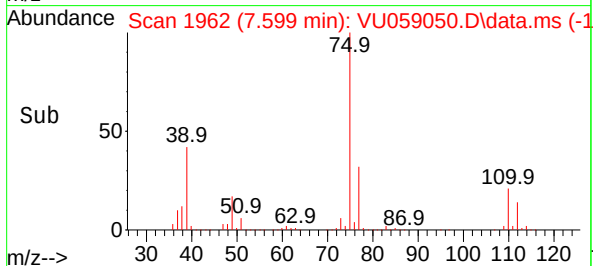
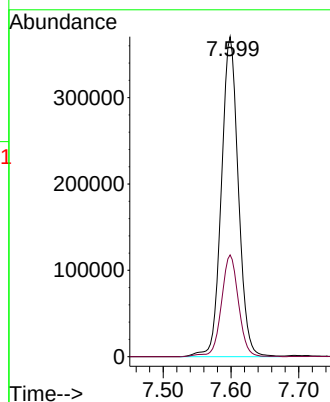
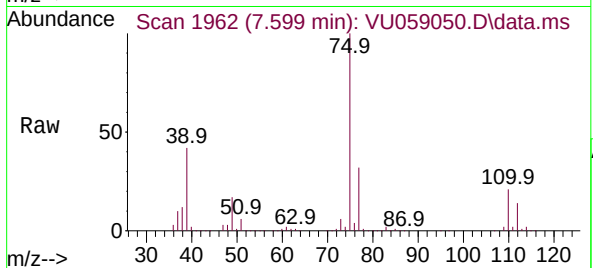




#39
 cis-1,3-Dichloropropene
 Concen: 217.223 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU059050.D
 Acq: 29 May 2024 13:51

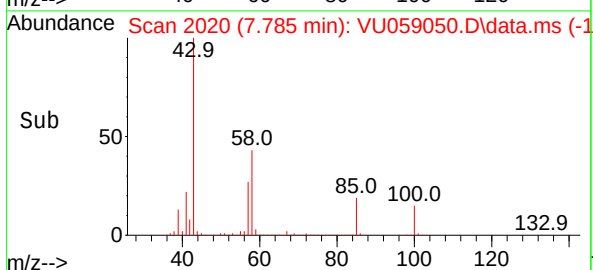
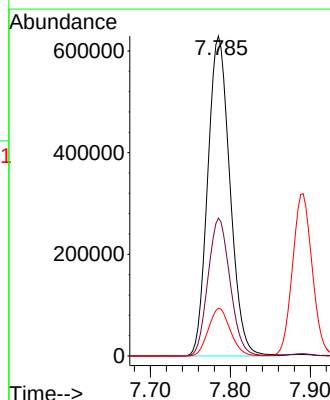
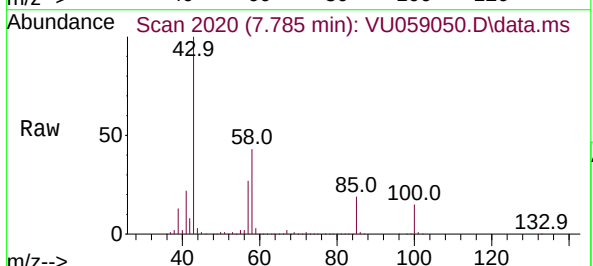
Instrument :
 MSVOA_U
 ClientSampleId :

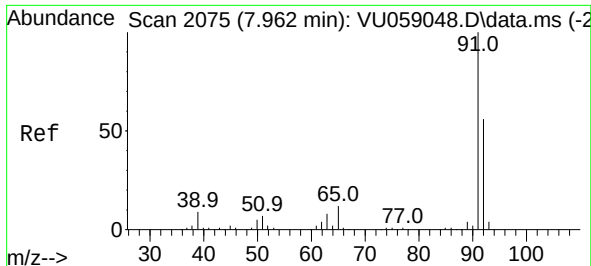
Tgt Ion: 75 Resp: 643998
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 405.638 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059050.D
 Acq: 29 May 2024 13:51

Tgt Ion: 43 Resp: 1212954
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.7 50.5
 100 14.7 11.4 17.0

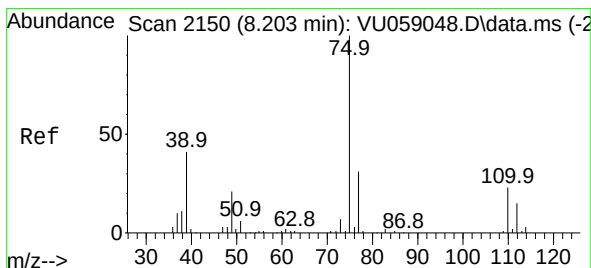
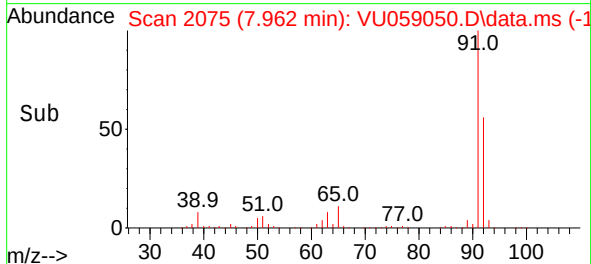
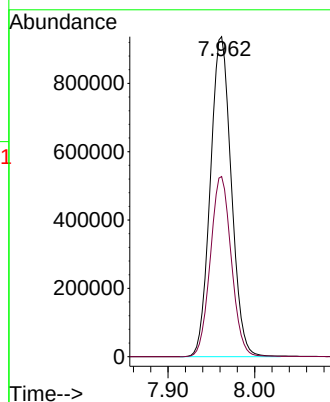
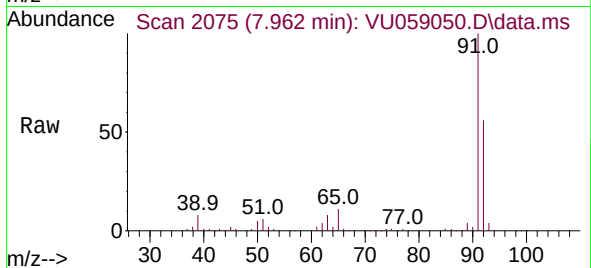




#42
Toluene
Concen: 220.347 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

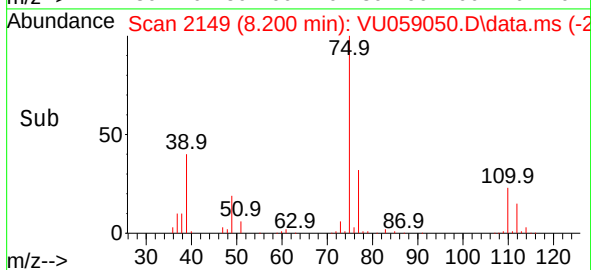
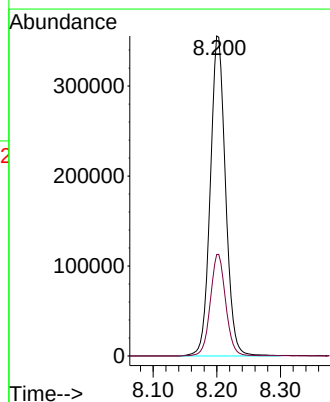
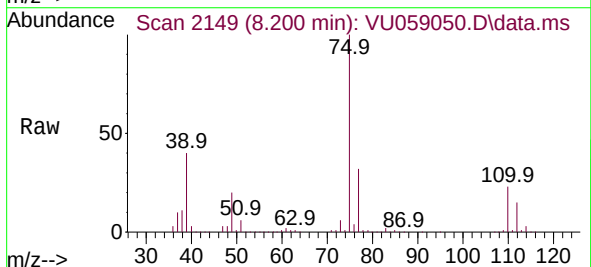
Instrument :
MSVOA_U
ClientSampleId :

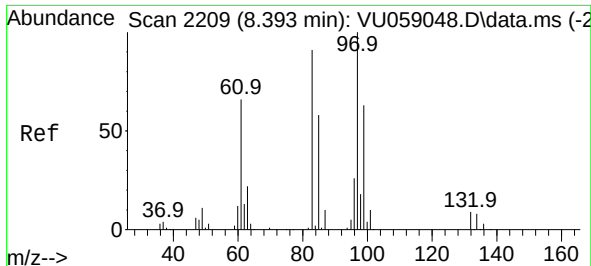
Tgt Ion: 91 Resp: 1576212
Ion Ratio Lower Upper
91 100
92 56.3 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 213.543 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion: 75 Resp: 592616
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8



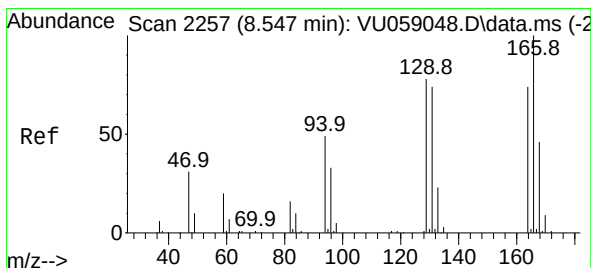
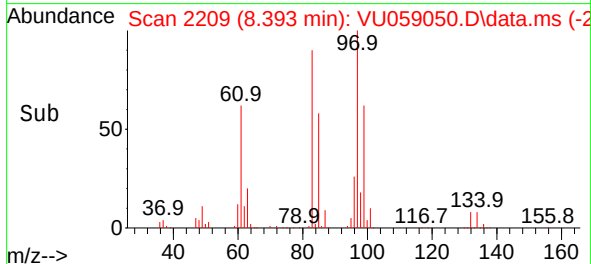
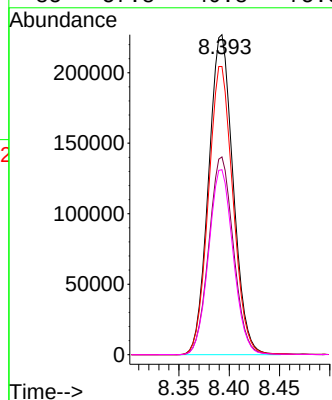
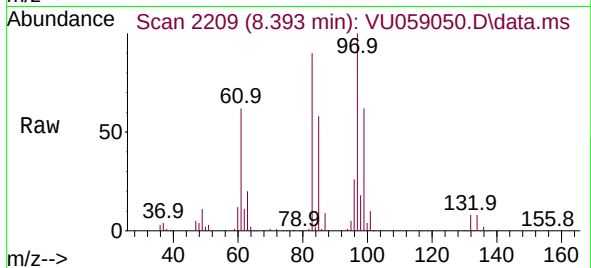


#45
1,1,2-Trichloroethane
Concen: 185.382 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 385928

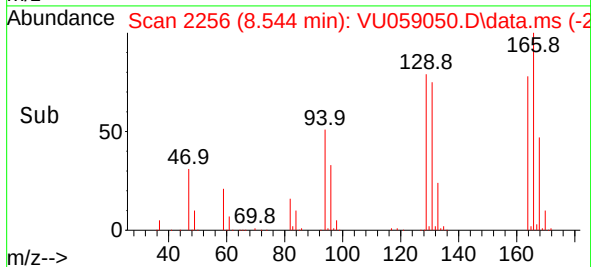
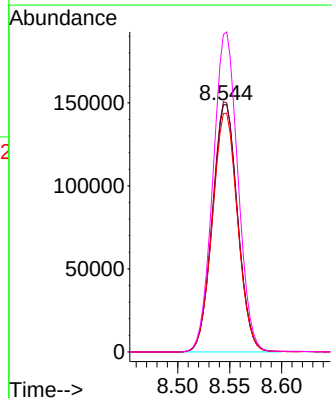
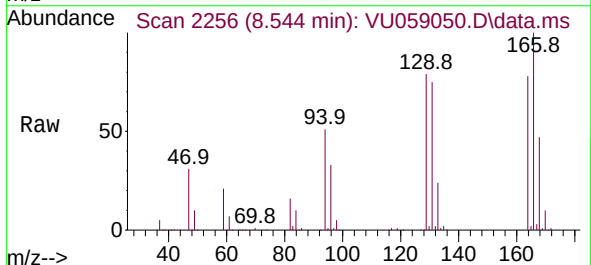
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.0	81.6
83	90.1	63.6	118.2
85	57.8	40.8	75.8

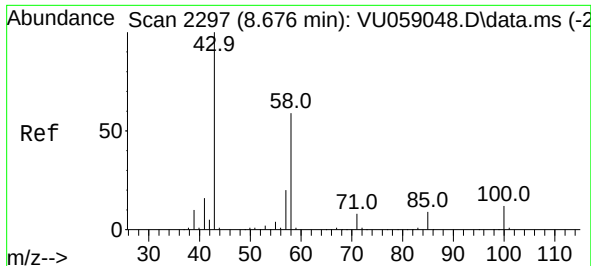


#46
Tetrachloroethene
Concen: 212.753 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion: 164 Resp: 250615

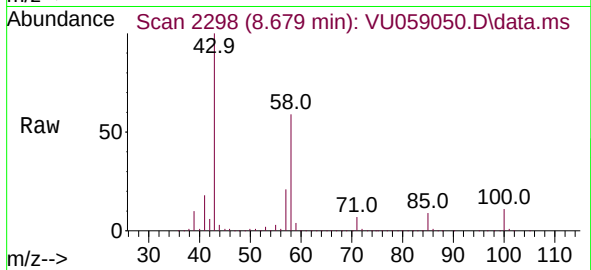
Ion	Ratio	Lower	Upper
164	100		
129	101.2	74.5	138.5
131	96.4	70.6	131.0
166	128.4	95.1	176.7



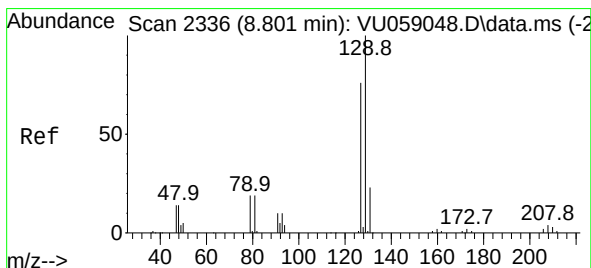
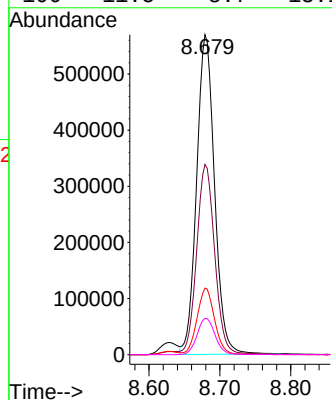
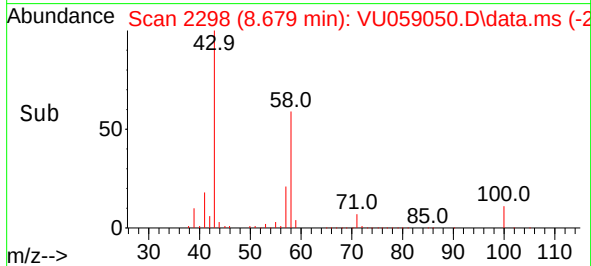


#48
2-Hexanone
Concen: 404.212 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Instrument :
MSVOA_U
ClientSampleId :

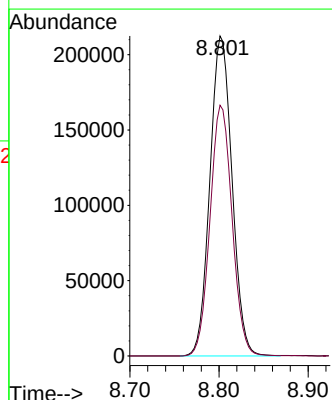
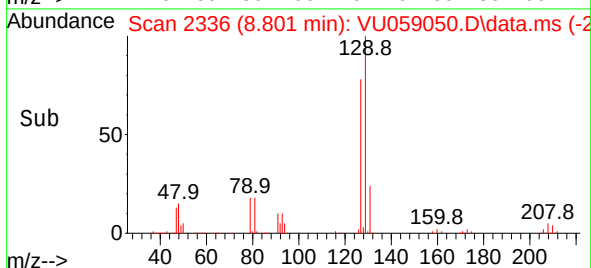
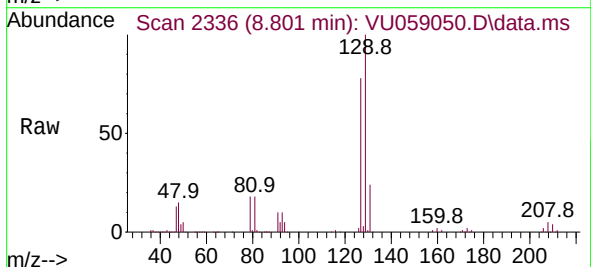


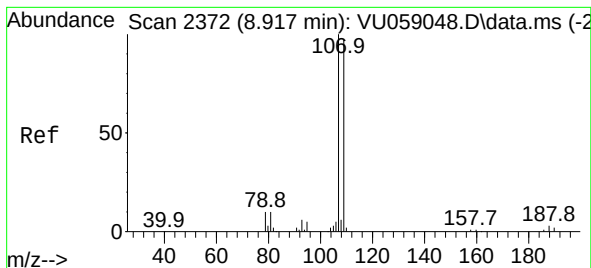
Tgt Ion: 43 Resp: 999567
Ion Ratio Lower Upper
43 100
58 59.9 45.9 68.9
57 20.2 16.3 24.5
100 11.5 8.7 13.1



#49
Dibromochloromethane
Concen: 185.856 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion: 129 Resp: 366663
Ion Ratio Lower Upper
129 100
127 78.3 53.3 98.9





#50

1,2-Dibromoethane

Concen: 202.133 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.003 min

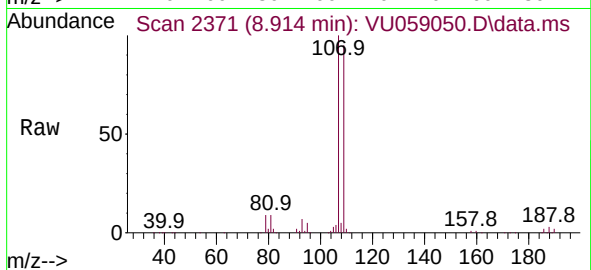
Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :



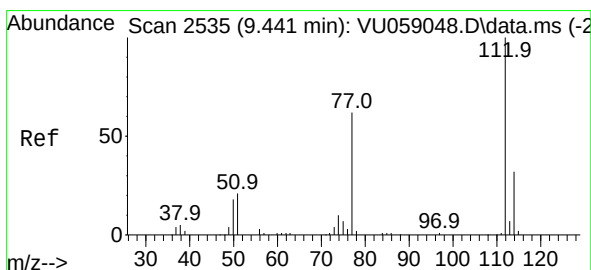
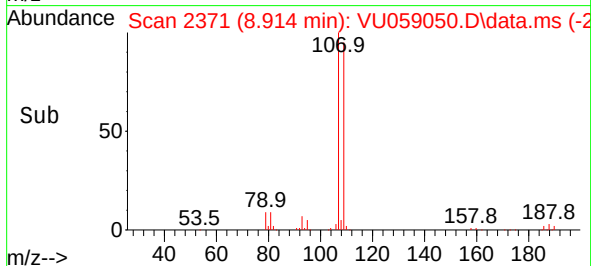
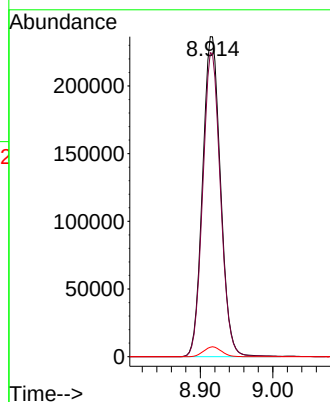
Tgt Ion:107 Resp: 406092

Ion Ratio Lower Upper

107 100

109 95.0 67.8 125.8

188 3.0 2.5 3.7



#51

Chlorobenzene

Concen: 202.166 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

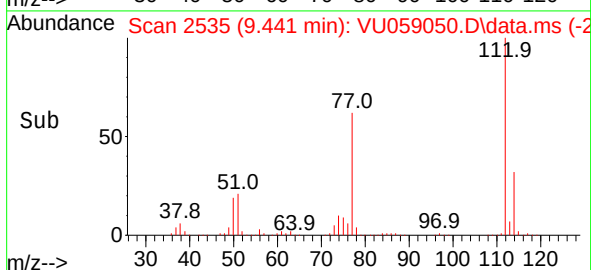
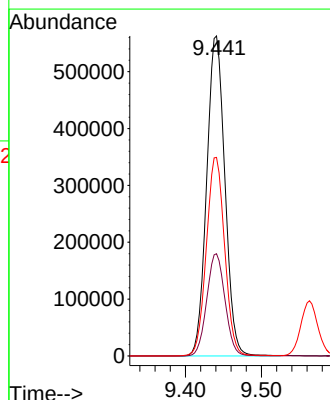
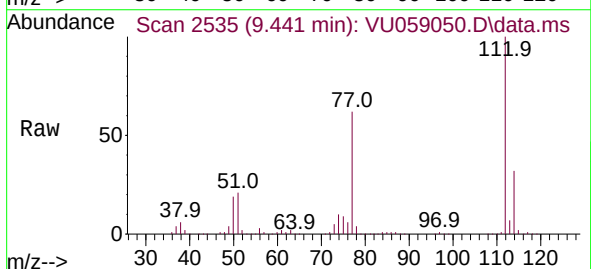
Tgt Ion:112 Resp: 936369

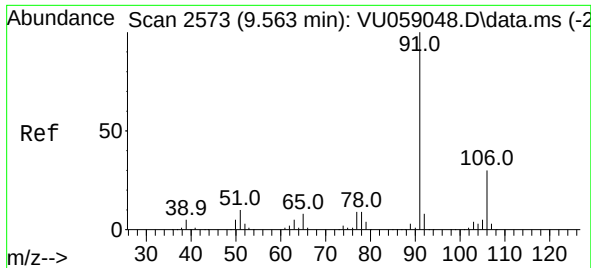
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 62.1 49.8 74.6

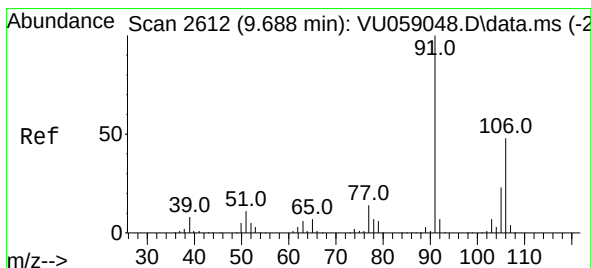
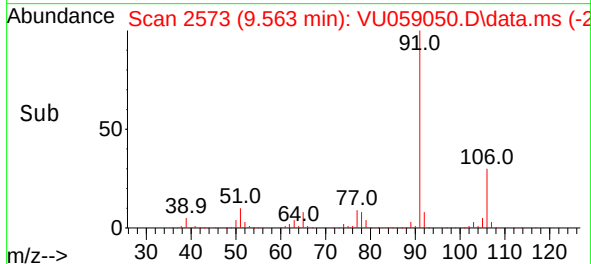
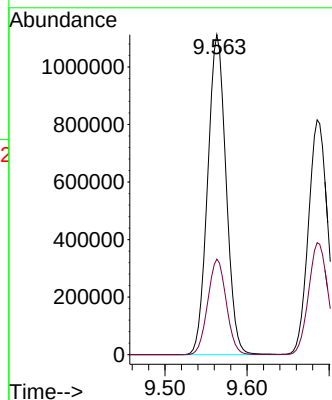
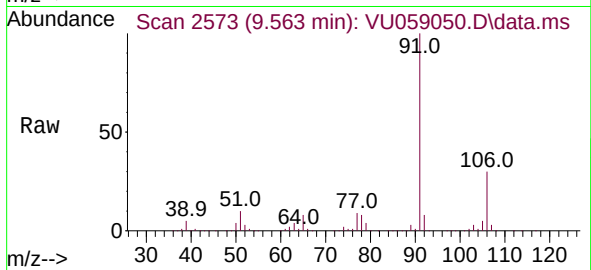




#52
Ethylbenzene
Concen: 225.709 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

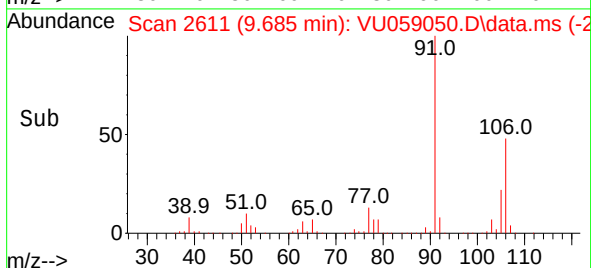
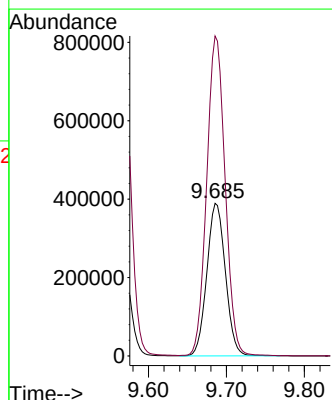
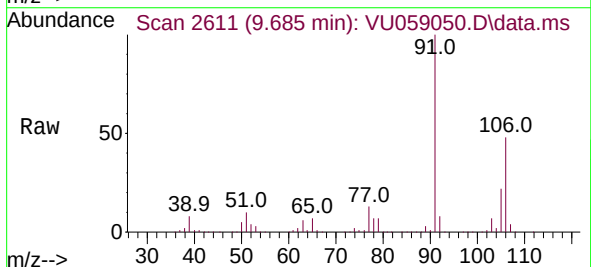
Instrument :
MSVOA_U
ClientSampleId :

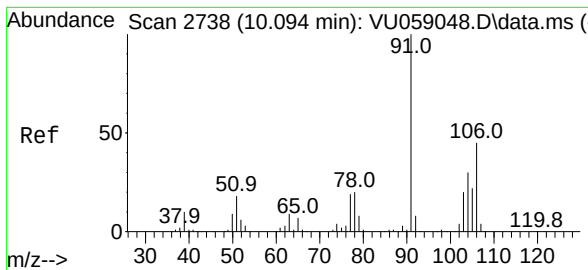
Tgt Ion: 91 Resp: 1734927
Ion Ratio Lower Upper
91 100
106 29.8 21.0 39.0



#53
m,p-Xylene
Concen: 231.734 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion:106 Resp: 643202
Ion Ratio Lower Upper
106 100
91 209.6 146.4 272.0

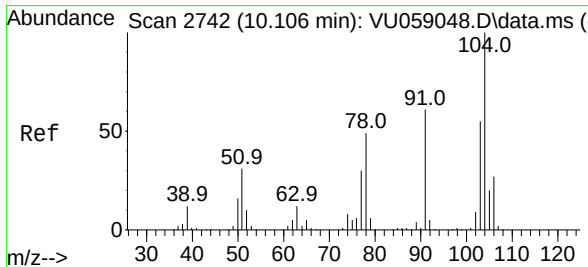
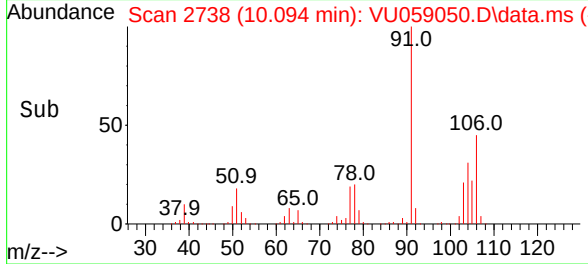
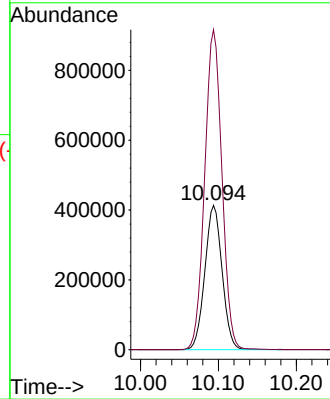
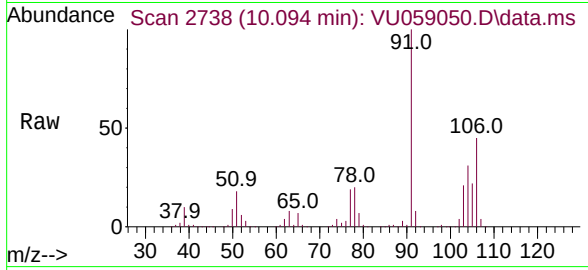




#54
o-Xylene
Concen: 230.063 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

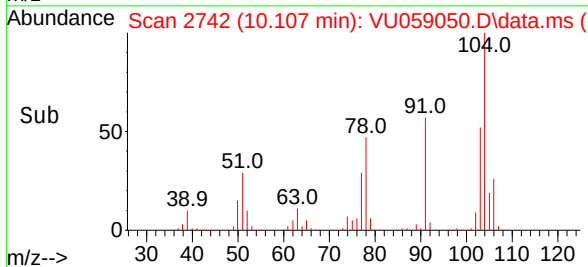
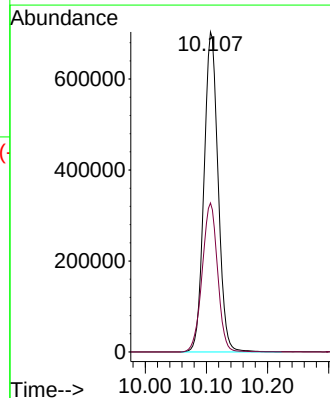
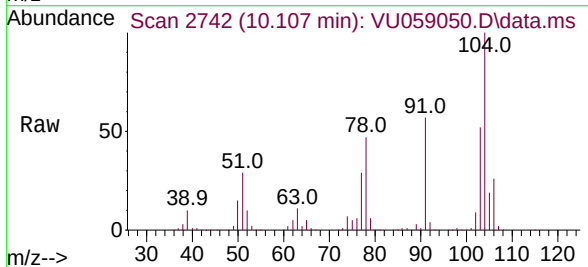
Instrument :
MSVOA_U
ClientSampleId :

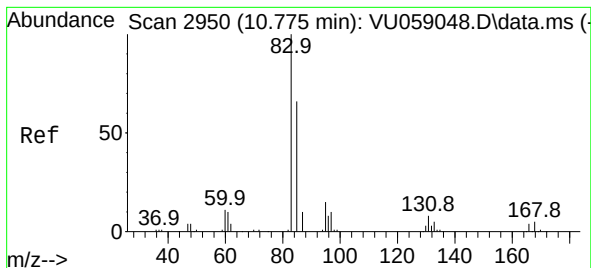
Tgt Ion:106 Resp: 635011
Ion Ratio Lower Upper
106 100
91 221.6 156.7 290.9



#55
Styrene
Concen: 232.042 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

Tgt Ion:104 Resp: 1127721
Ion Ratio Lower Upper
104 100
78 46.5 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 205.975 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

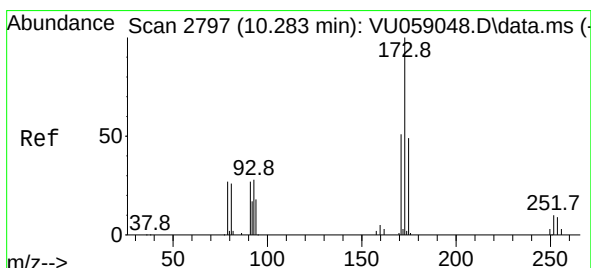
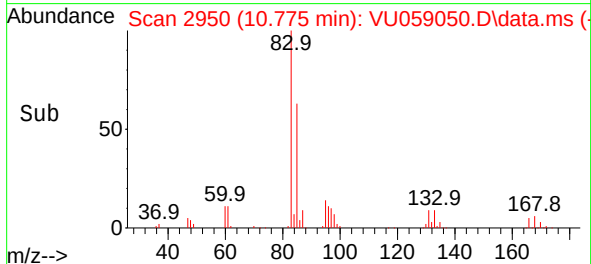
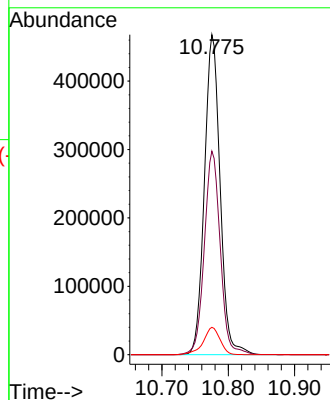
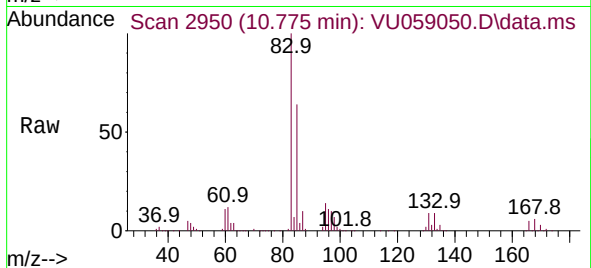
Tgt Ion: 83 Resp: 768139

Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.7

131 8.6 7.0 10.4



#59

Bromoform

Concen: 193.408 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

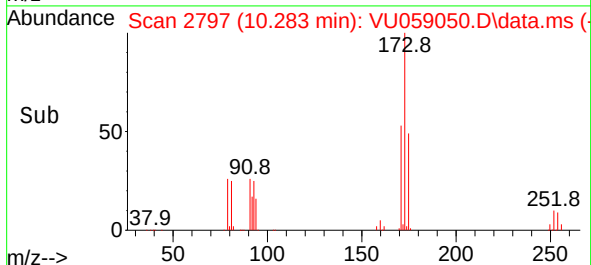
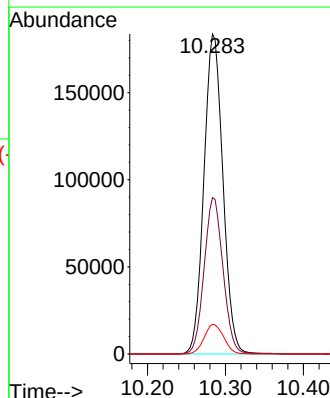
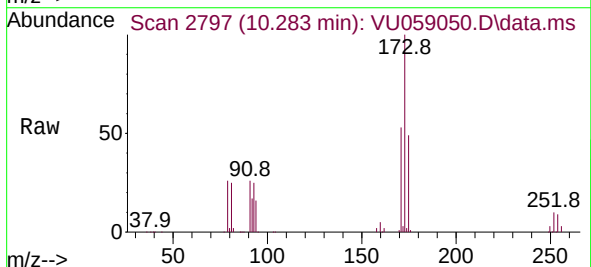
Tgt Ion:173 Resp: 310621

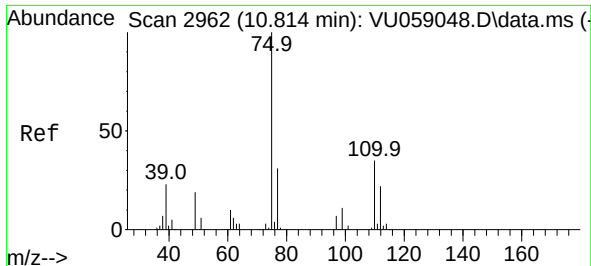
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 9.5 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 185.965 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

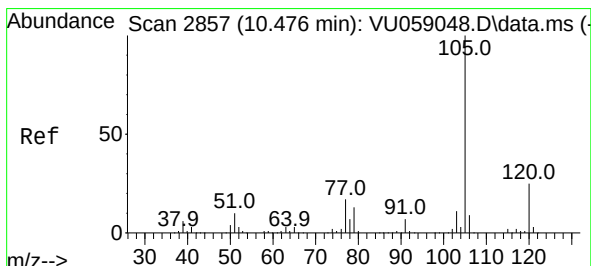
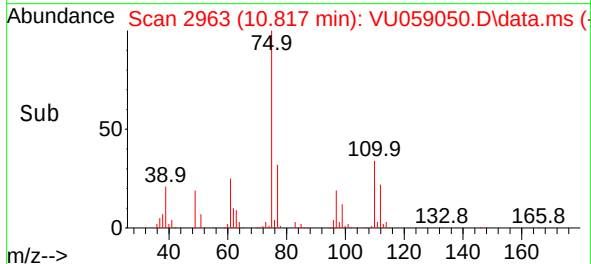
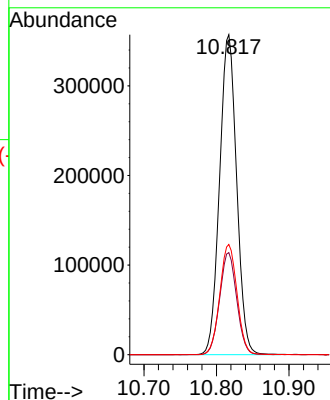
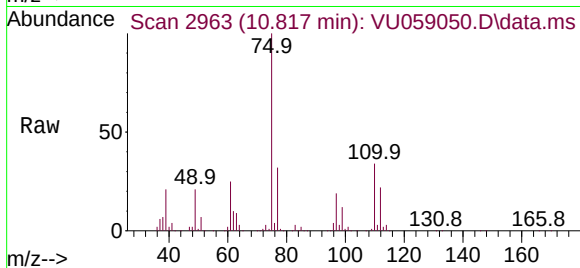
Tgt Ion: 75 Resp: 583025

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

110 34.8 28.4 42.6



#61

Isopropylbenzene

Concen: 212.585 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

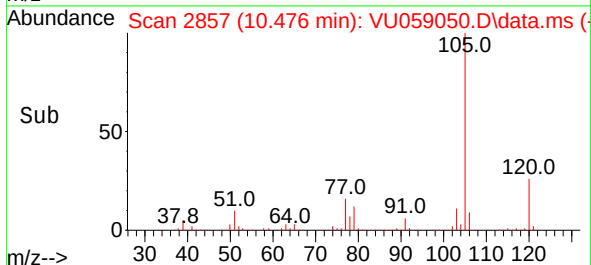
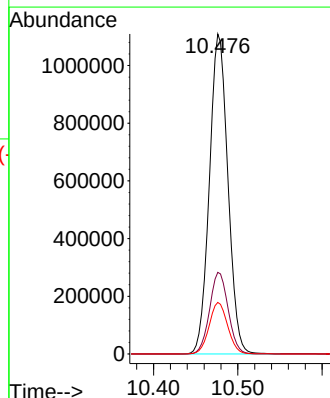
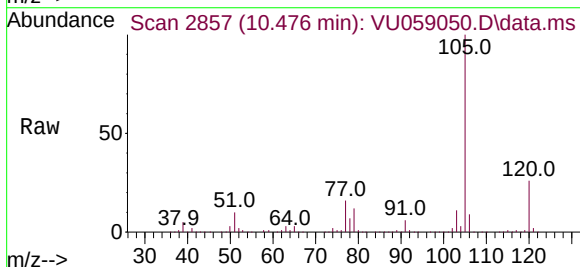
Tgt Ion:105 Resp: 1692899

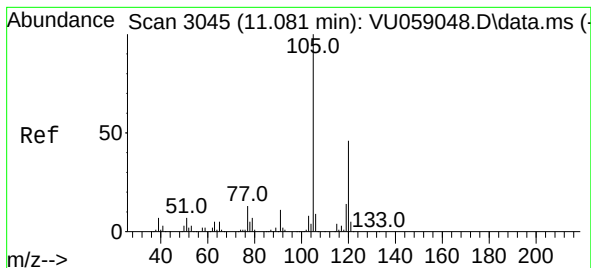
Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 16.1 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 211.816 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

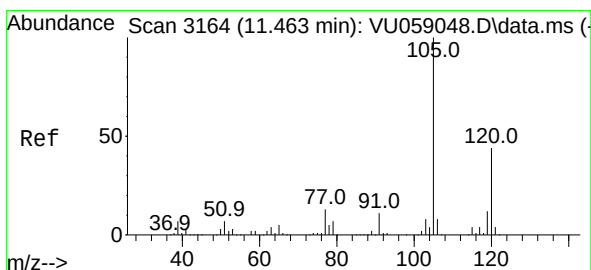
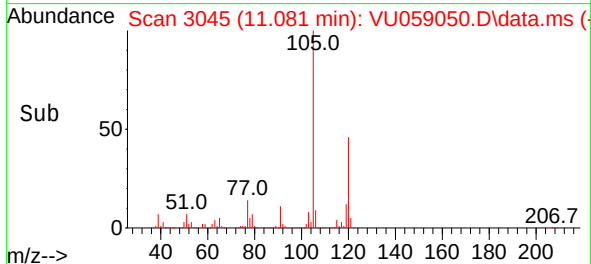
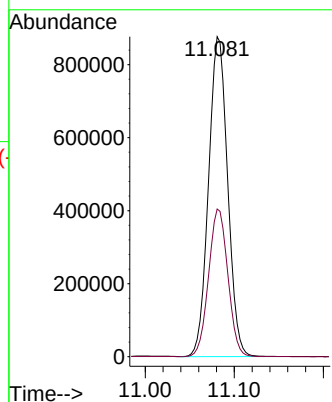
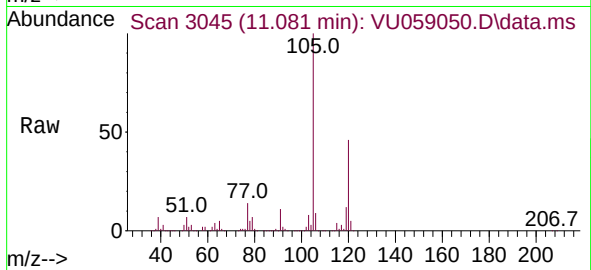
ClientSampleId :

Tgt Ion:105 Resp: 1302593

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 231.262 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU059050.D

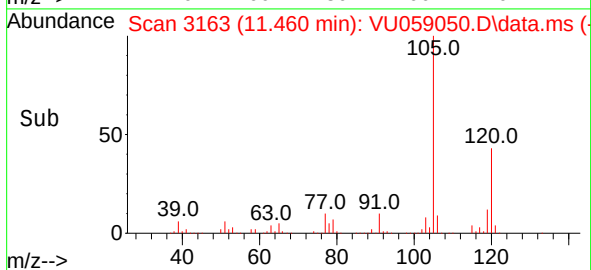
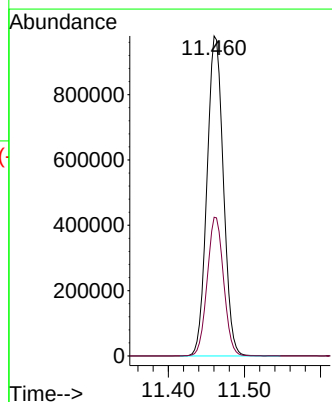
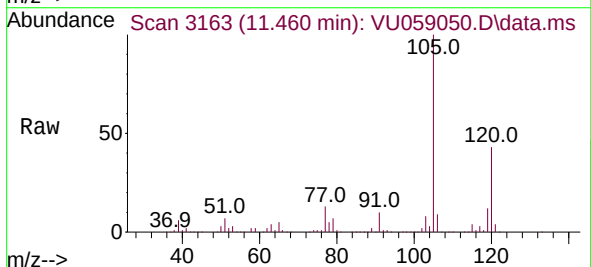
Acq: 29 May 2024 13:51

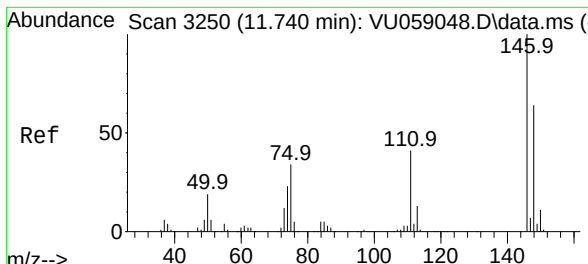
Tgt Ion:105 Resp: 1464333

Ion Ratio Lower Upper

105 100

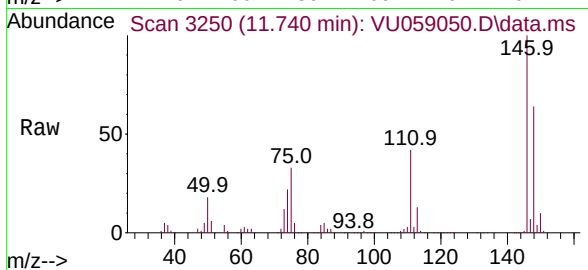
120 43.5 35.0 52.6



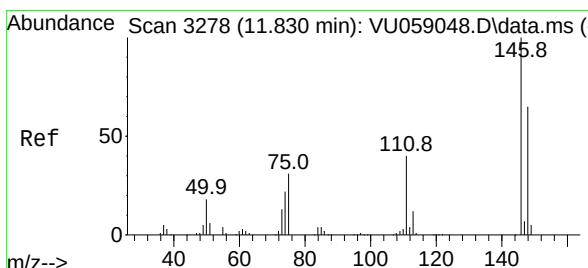
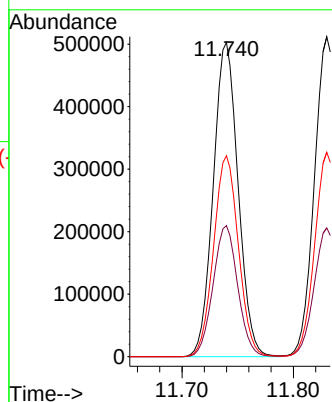
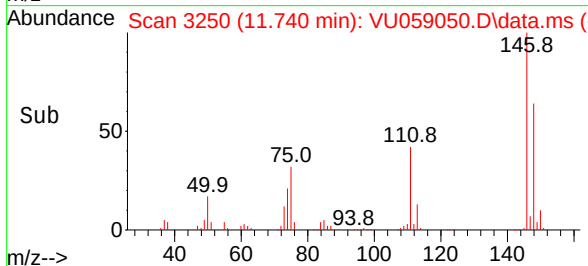


#64
1,3-Dichlorobenzene
Concen: 192.427 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51

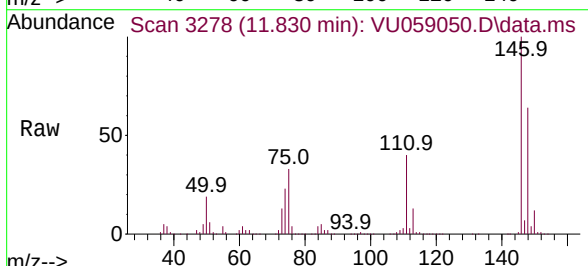
Instrument :
MSVOA_U
ClientSampleId :



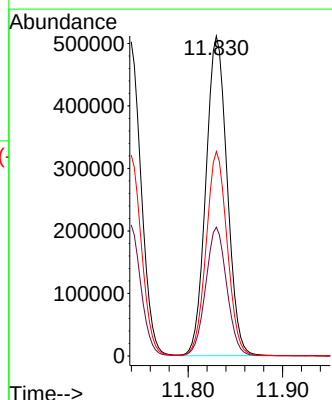
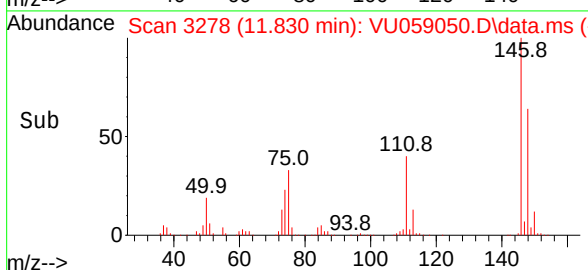
Tgt Ion:146 Resp: 779354
Ion Ratio Lower Upper
146 100
111 41.7 28.7 53.3
148 63.9 44.9 83.5

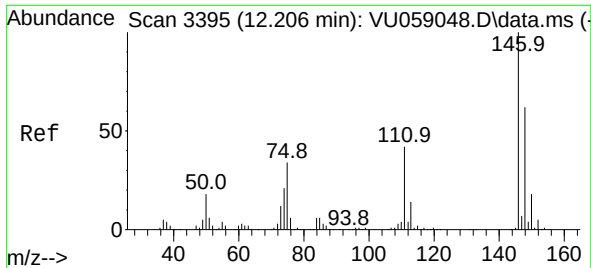


#65
1,4-Dichlorobenzene
Concen: 195.094 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059050.D
Acq: 29 May 2024 13:51



Tgt Ion:146 Resp: 797550
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.9
148 63.9 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 194.735 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

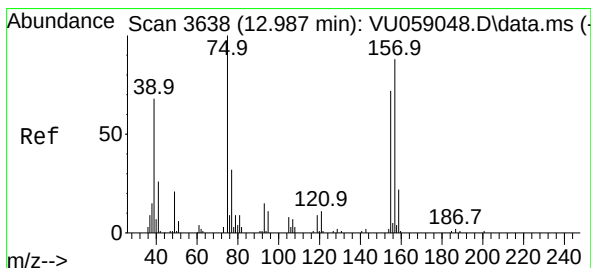
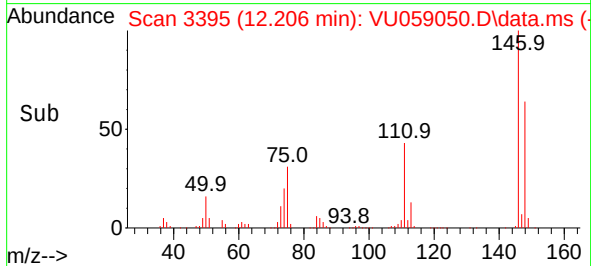
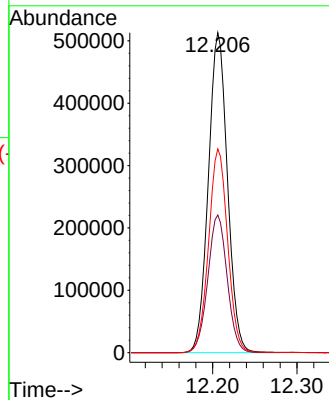
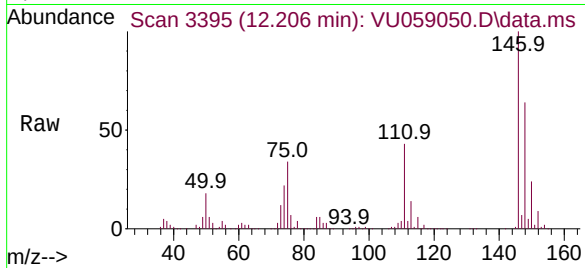
Tgt Ion:146 Resp: 809241

Ion Ratio Lower Upper

146 100

111 43.0 33.4 50.2

148 63.7 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 198.075 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

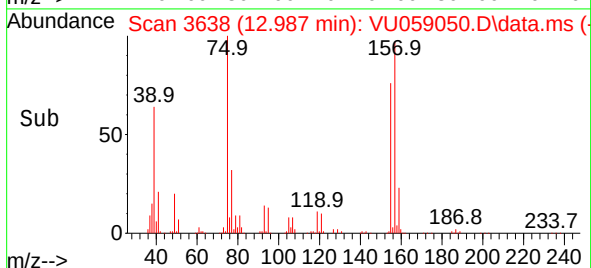
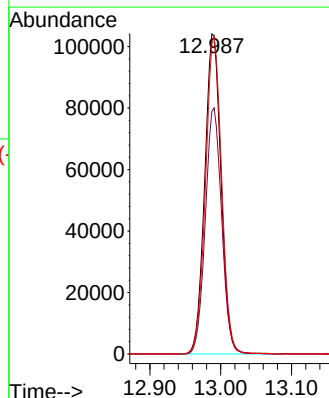
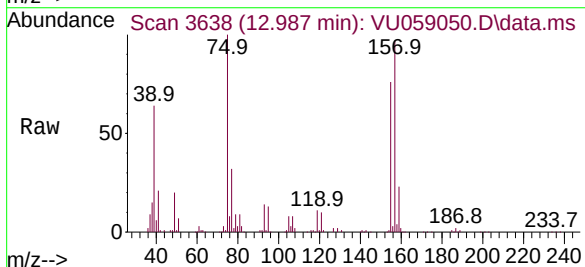
Tgt Ion: 75 Resp: 166540

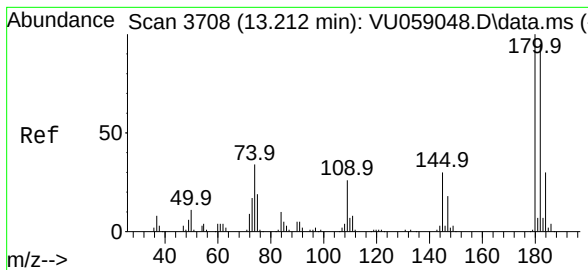
Ion Ratio Lower Upper

75 100

155 75.8 57.5 86.3

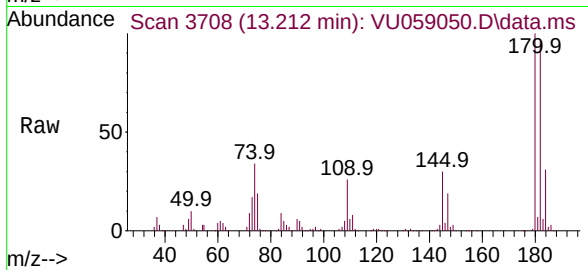
157 96.8 73.4 110.2



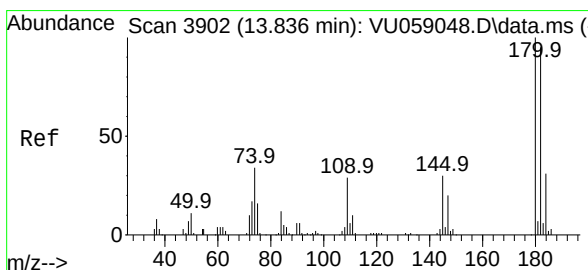
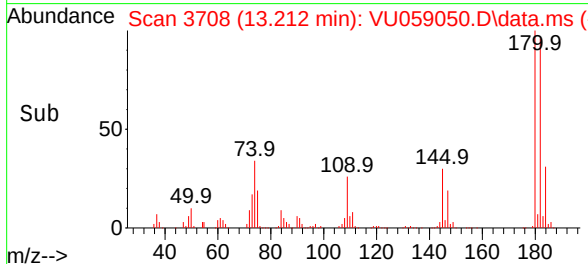
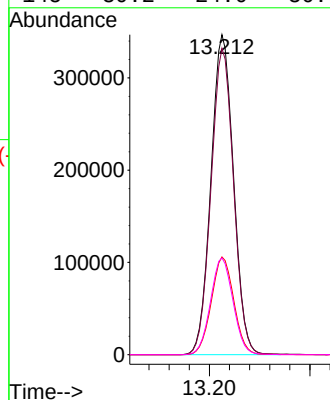


#69
 1,3,5-Trichlorobenzene
 Concen: 191.330 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU059050.D
 Acq: 29 May 2024 13:51

Instrument :
 MSVOA_U
 ClientSampleId :

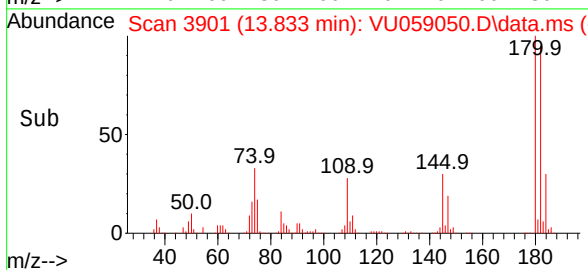
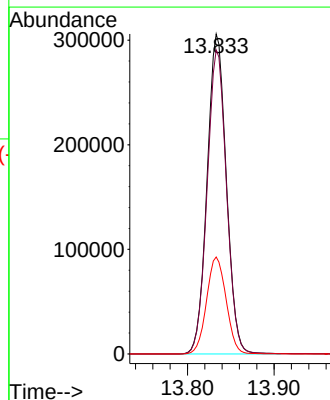
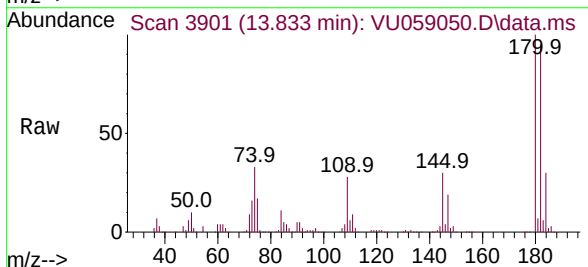


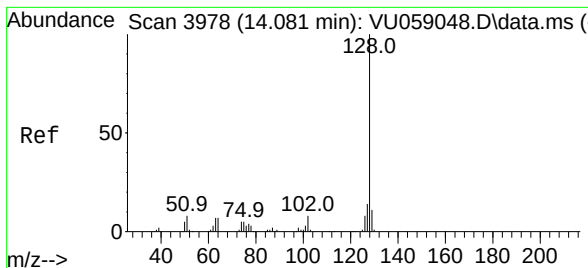
Tgt Ion:180 Resp: 540265
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.6 113.4
 184 30.4 24.2 36.2
 145 30.2 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 196.826 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU059050.D
 Acq: 29 May 2024 13:51

Tgt Ion:180 Resp: 472297
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.4 116.2
 145 30.8 24.8 37.2





#71

Naphthalene

Concen: 223.300 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Instrument :

MSVOA_U

ClientSampleId :

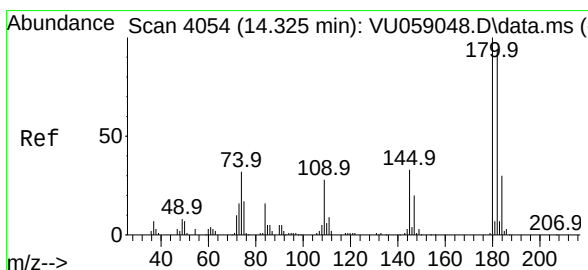
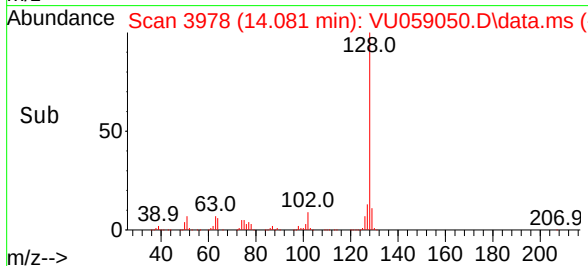
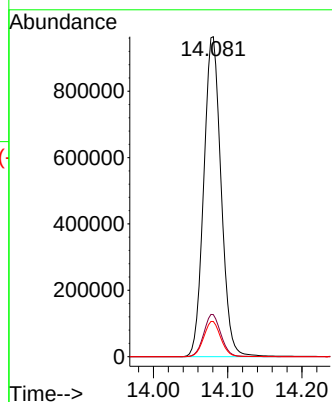
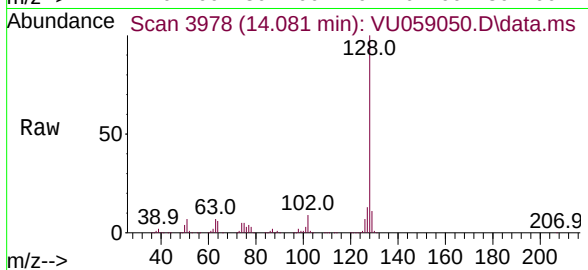
Tgt Ion:128 Resp: 1559042

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 192.045 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU059050.D

Acq: 29 May 2024 13:51

Tgt Ion:180 Resp: 470571

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 32.4 26.4 39.6

