

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060777.D
 Acq On : 16 Sep 2024 12:30
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:12:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:09:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	182640	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	183120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	100116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	331760	24.677	ug/L	0.00
7) Chloroethane-d5	1.911	69	244182	19.987	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	125788	23.188	ug/L	0.00
20) 2-Butanone-d5	4.628	46	598534	226.622	ug/L	0.00
24) Chloroform-d	5.052	84	524320	20.185	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	244162	19.539	ug/L	0.00
32) Benzene-d6	5.718	84	1093177	21.827	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	328509	21.138	ug/L	0.00
41) Toluene-d8	7.891	98	1037709	22.155	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	132070	26.309	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	592072	289.053	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	264091	20.725	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	372234	21.042	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	272001	17.759	ug/L	100
3) Chloromethane	1.515	50	284522	17.583	ug/L	97
5) Vinyl chloride	1.602	62	315635	17.586	ug/L	98
6) Bromomethane	1.856	94	198634	15.980	ug/L	97
8) Chloroethane	1.930	64	189734	17.625	ug/L	98
9) Trichlorofluoromethane	2.132	101	433786	19.616	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	251857	18.084	ug/L	97
12) 1,1-Dichloroethene	2.573	96	233221	18.287	ug/L	93
13) Acetone	2.650	43	347762	200.716	ug/L	93
14) Carbon disulfide	2.788	76	637856	15.494	ug/L	99
15) Methyl Acetate	2.952	43	87431	19.959	ug/L #	89
16) Methylene chloride	3.039	84	262156	17.266	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	579658	20.879	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	244098	18.607	ug/L	98
19) 1,1-Dichloroethane	3.859	63	482384	19.509	ug/L	98
21) 2-Butanone	4.705	43	636287	232.371	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	283804	19.465	ug/L	98
23) Bromochloromethane	4.965	128	128683	19.278	ug/L	98
25) Chloroform	5.078	83	494105	19.050	ug/L	98
27) 1,2-Dichloroethane	5.785	62	288645	18.538	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	410241	19.556	ug/L	99
30) Cyclohexane	5.380	56	393228	21.650	ug/L	99
31) Carbon tetrachloride	5.515	117	366280	20.546	ug/L	99
33) Benzene	5.766	78	1085652	19.810	ug/L	100
34) Trichloroethene	6.534	95	281378	19.023	ug/L	95
35) Methylcyclohexane	6.756	83	439446	21.129	ug/L	97
37) 1,2-Dichloropropane	6.782	63	295085	20.636	ug/L #	97
38) Bromodichloromethane	7.097	83	355185	19.978	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	441416	22.723	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	1517221	227.840	ug/L	98
42) Toluene	7.962	91	1210031	20.831	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	357088	22.737	ug/L	98

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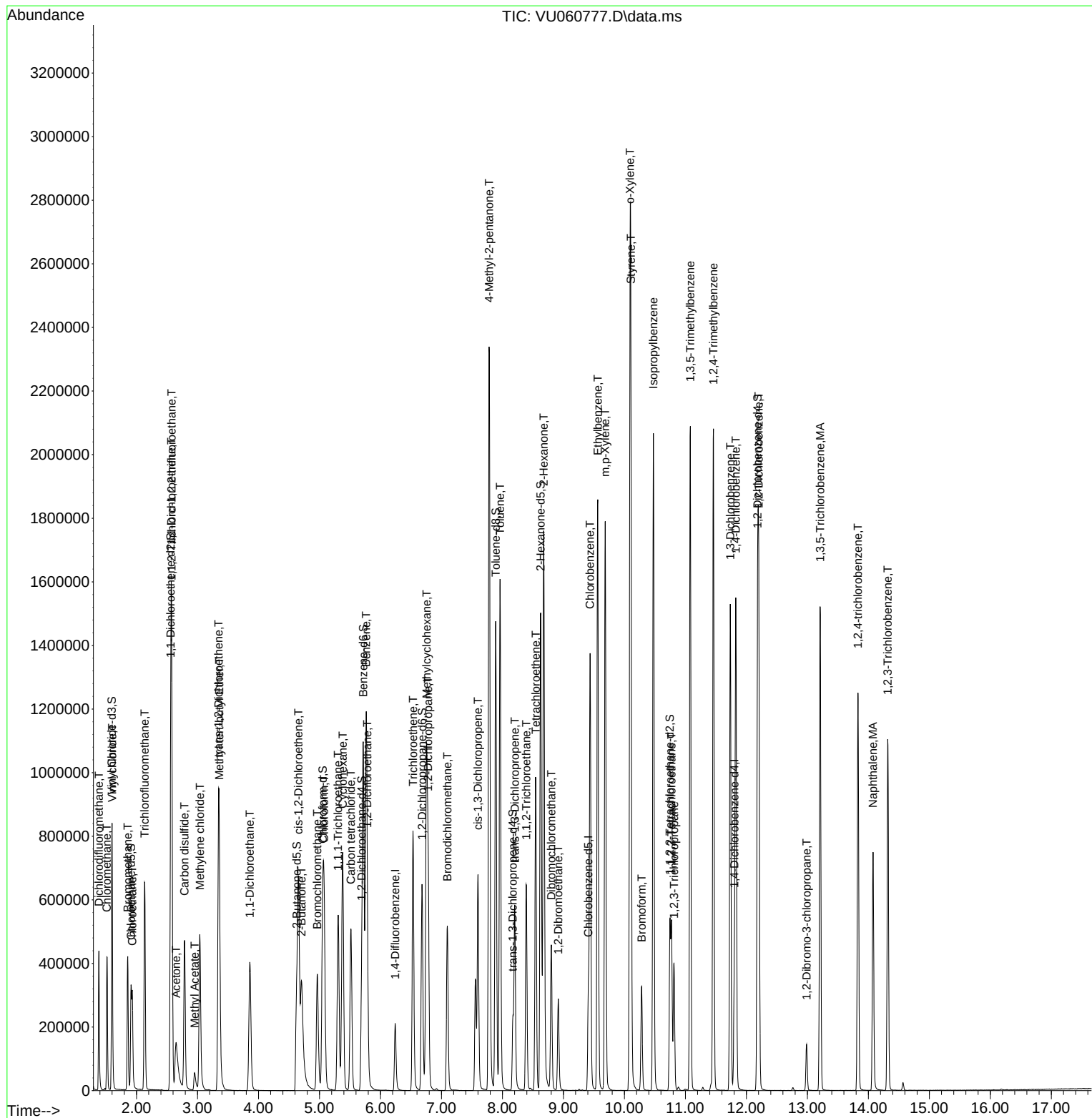
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	209299	20.034	ug/L	99
47) Tetrachloroethene	8.547	164	226925	19.811	ug/L	98
48) 2-Hexanone	8.676	43	1113694	233.519	ug/L	98
49) Dibromochloromethane	8.801	129	241923	20.653	ug/L	97
50) 1,2-Dibromoethane	8.917	107	193008	19.930	ug/L	97
51) Chlorobenzene	9.438	112	767868	20.803	ug/L	100
52) Ethylbenzene	9.563	91	1342282	22.587	ug/L	100
53) m,p-Xylene	9.685	106	530877	23.215	ug/L	99
54) o-Xylene	10.094	106	505594	23.213	ug/L	98
55) Styrene	10.106	104	873057	23.703	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	267014	20.827	ug/L	95
59) Bromoform	10.283	173	152958	20.124	ug/L	99
60) Isopropylbenzene	10.476	105	1353868	22.129	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	179514	19.690	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1119760	23.249	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	1132638	24.433	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	638688	20.401	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	647037	20.197	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	600429	20.429	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	38138	21.143	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	492971	21.289	ug/L	97
70) 1,2,4-trichlorobenzene	13.830	180	406849	23.271	ug/L	98
71) Naphthalene	14.077	128	616609	25.007	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	355071	22.027	ug/L	99

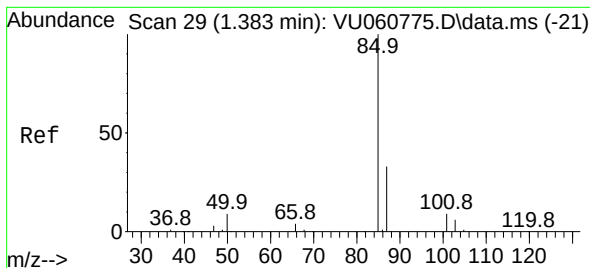
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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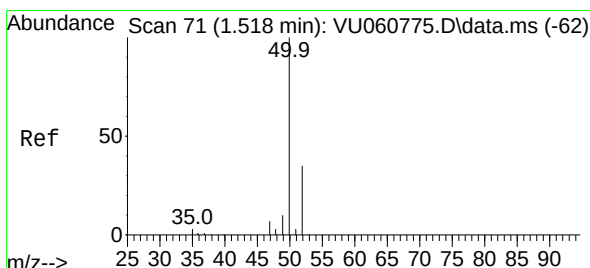
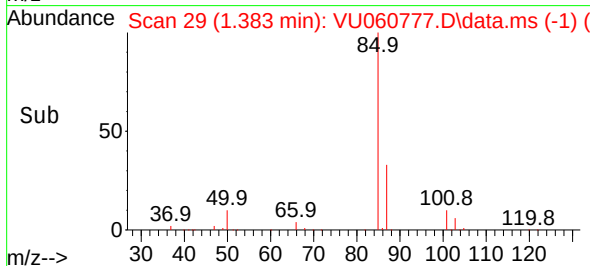
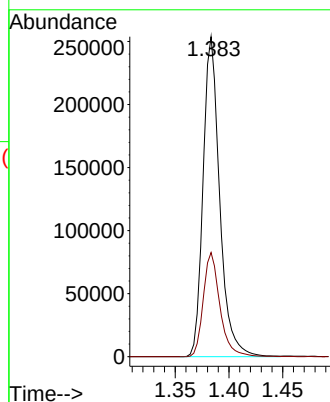
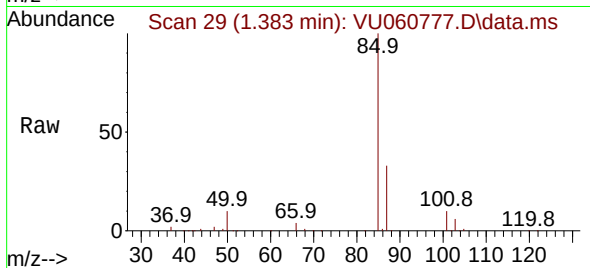




#2
 Dichlorodifluoromethane
 Concen: 17.759 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

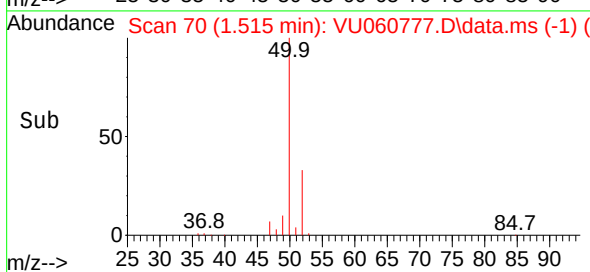
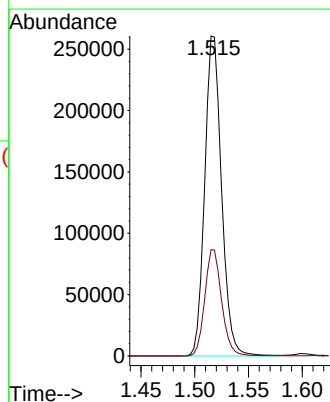
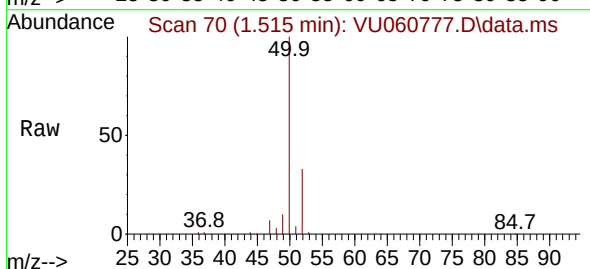
Instrument :
 MSVOA_U
 ClientSampleId :

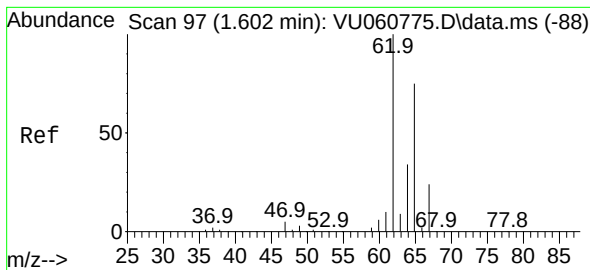
Tgt Ion: 85 Resp: 272001
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 17.583 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

Tgt Ion: 50 Resp: 284522
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.4 45.4





#5

Vinyl chloride

Concen: 17.586 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

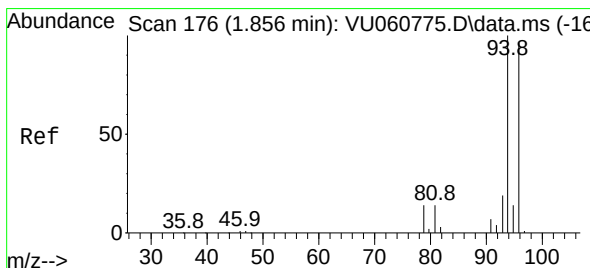
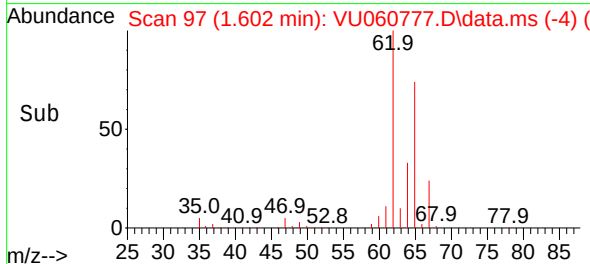
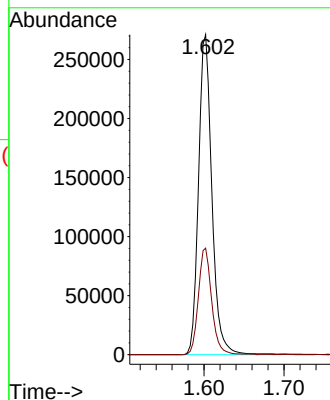
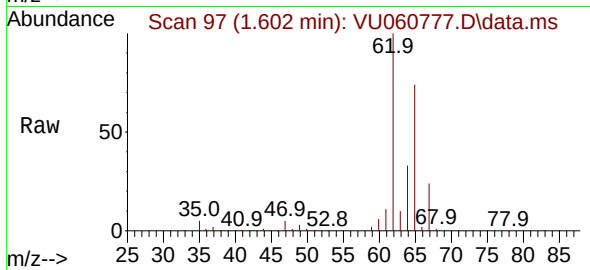
ClientSampleId :

Tgt Ion: 62 Resp: 315635

Ion Ratio Lower Upper

62 100

64 33.3 24.0 44.6



#6

Bromomethane

Concen: 15.980 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060777.D

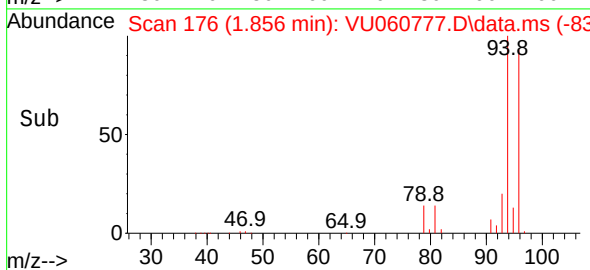
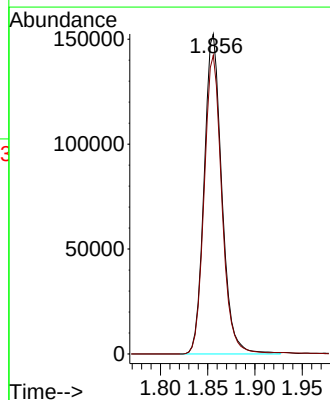
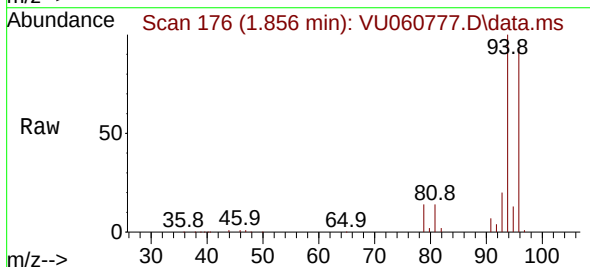
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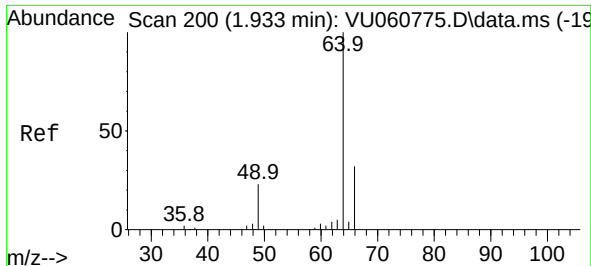
Tgt Ion: 94 Resp: 198634

Ion Ratio Lower Upper

94 100

96 93.4 67.3 124.9

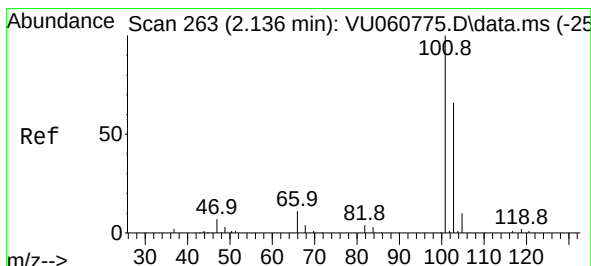
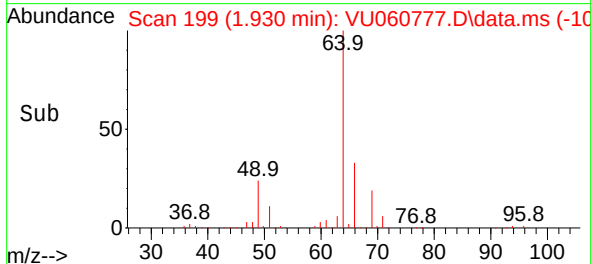
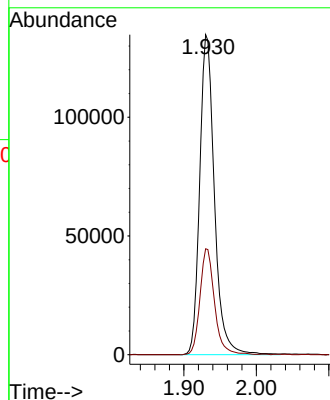
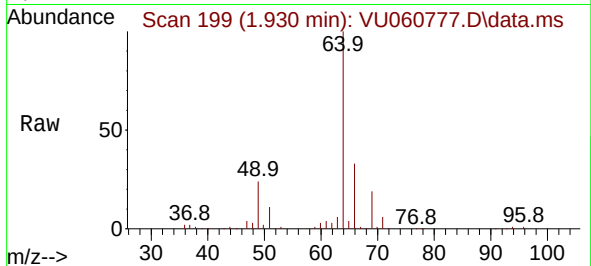




#8
Chloroethane
Concen: 17.625 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

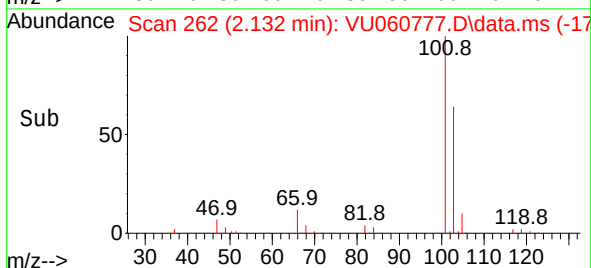
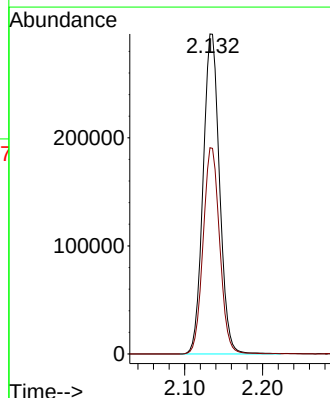
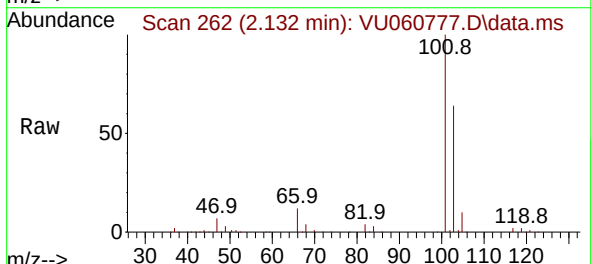
Instrument :
MSVOA_U
ClientSampleId :

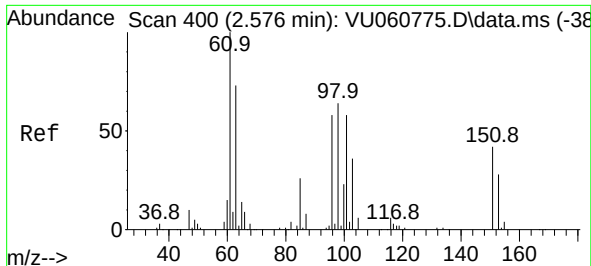
Tgt Ion: 64 Resp: 189734
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 19.616 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion:101 Resp: 433786
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

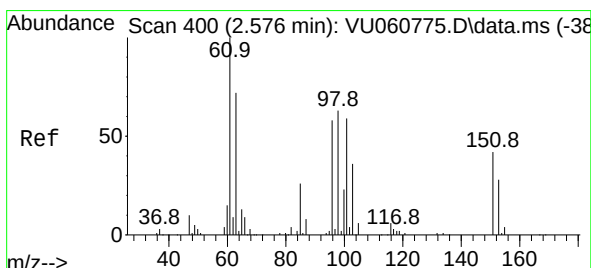
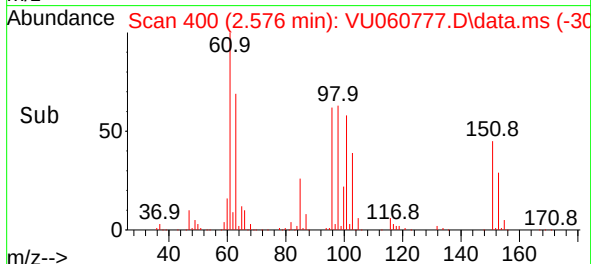
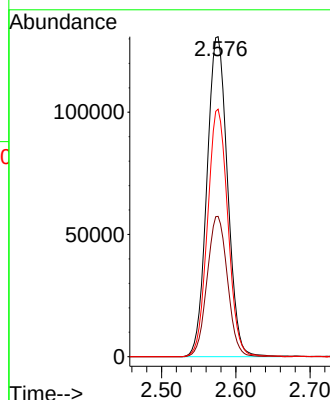
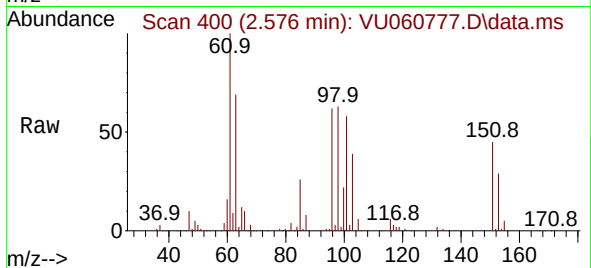




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.084 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

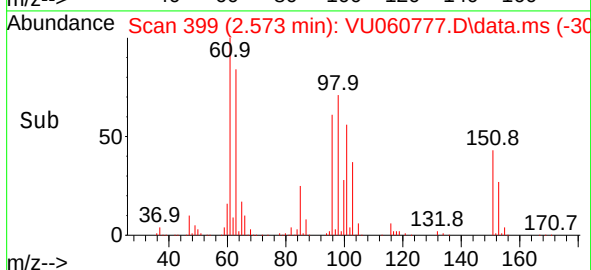
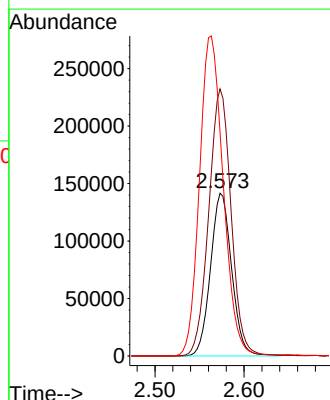
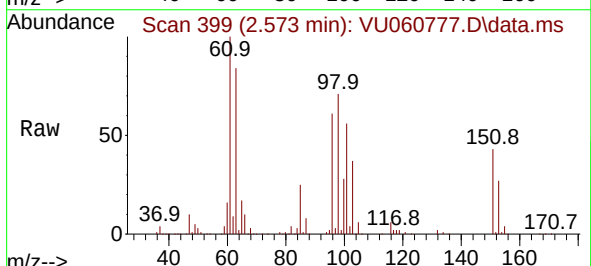
Instrument :
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 ClientSampleId :

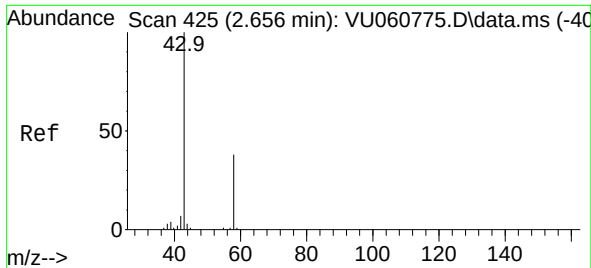
Tgt Ion:101 Resp: 251857
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.2 51.4
 151 76.3 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 18.287 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

Tgt Ion: 96 Resp: 233221
 Ion Ratio Lower Upper
 96 100
 61 164.2 120.7 224.1
 63 137.7 90.0 167.2





#13

Acetone

Concen: 200.716 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

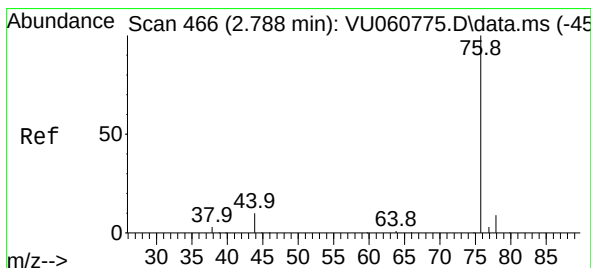
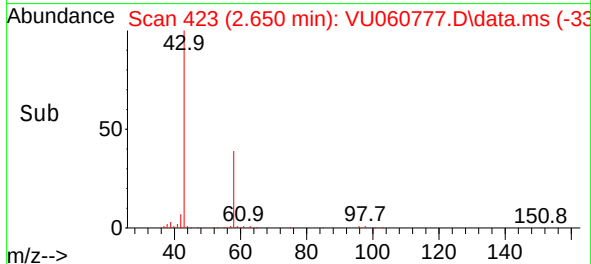
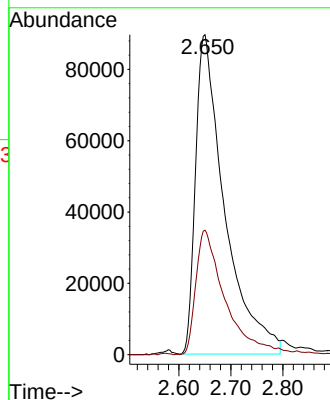
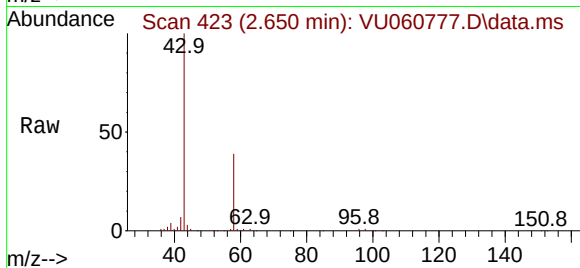
ClientSampleId :

Tgt Ion: 43 Resp: 347762

Ion Ratio Lower Upper

43 100

58 38.6 0.0 69.6



#14

Carbon disulfide

Concen: 15.494 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060777.D

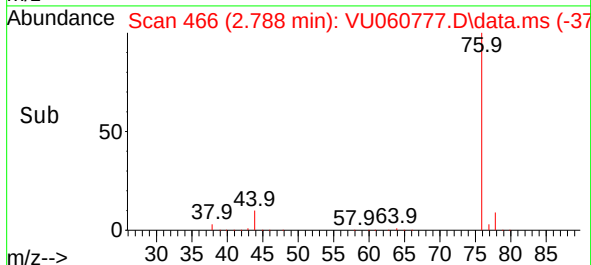
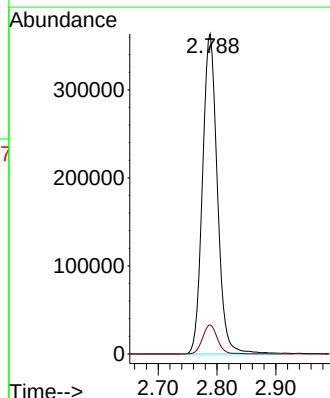
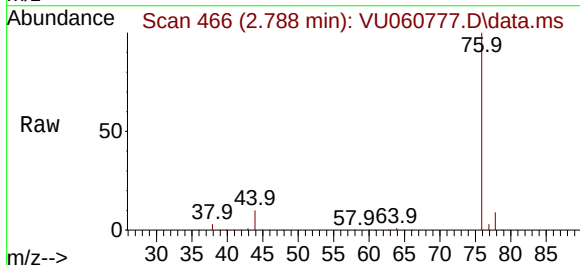
Acq: 16 Sep 2024 12:30

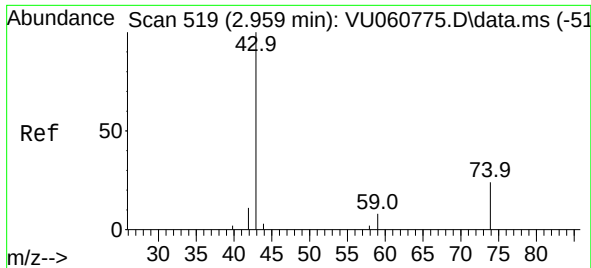
Tgt Ion: 76 Resp: 637856

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

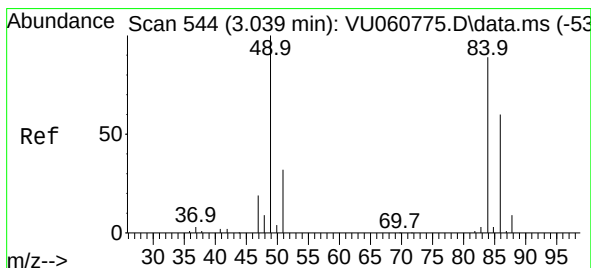
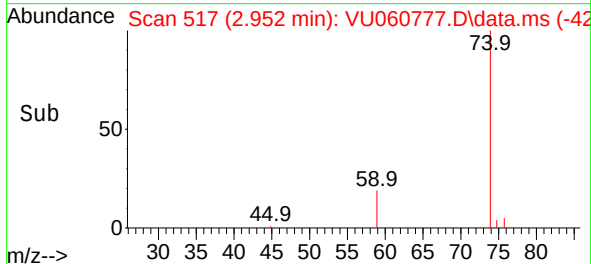
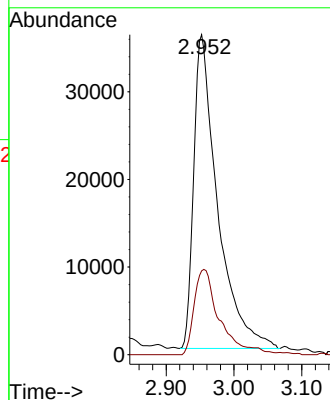
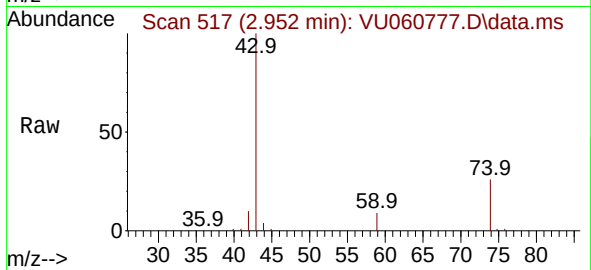




#15
Methyl Acetate
Concen: 19.959 ug/L
RT: 2.952 min Scan# 519
Delta R.T. -0.006 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

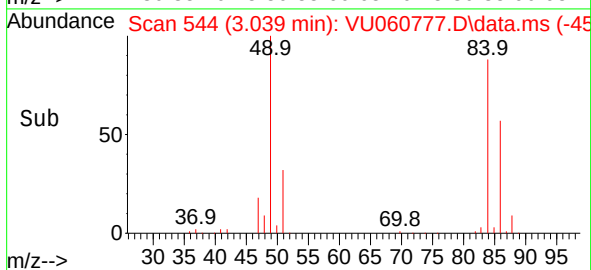
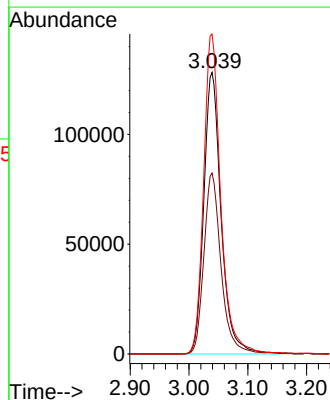
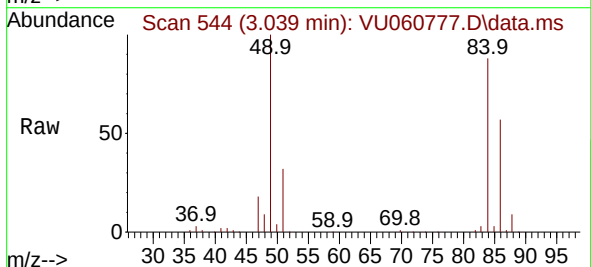
Instrument :
MSVOA_U
ClientSampleId :

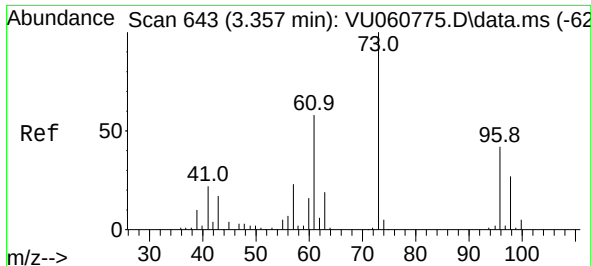
Tgt Ion: 43 Resp: 87431
Ion Ratio Lower Upper
43 100
74 28.9 18.9 28.3#



#16
Methylene chloride
Concen: 17.266 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion: 84 Resp: 262156
Ion Ratio Lower Upper
84 100
86 64.3 47.3 87.8
49 113.7 78.7 146.1





#17

Methyl tert-butyl Ether

Concen: 20.879 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :

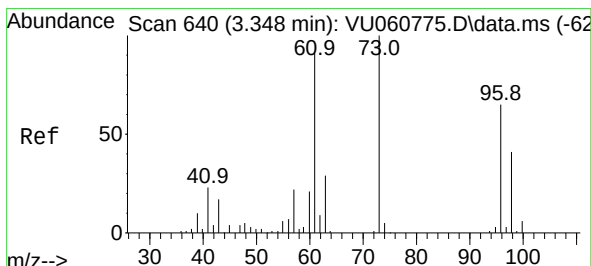
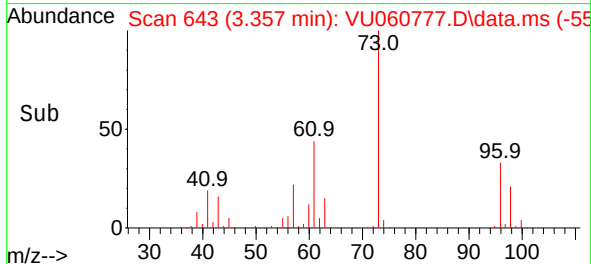
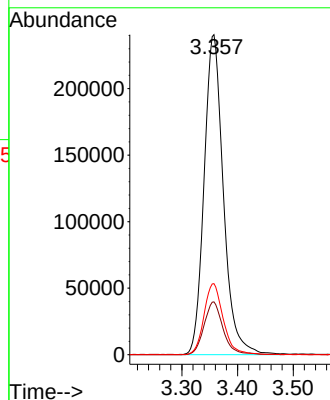
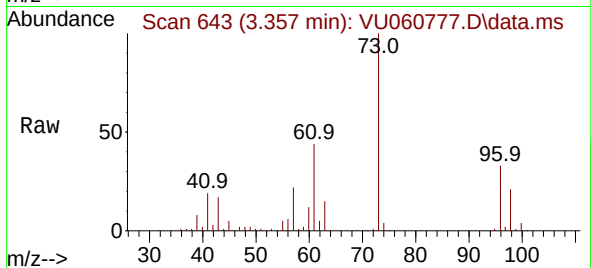
Tgt Ion: 73 Resp: 579658

Ion Ratio Lower Upper

73 100

43 16.0 13.8 20.8

57 22.1 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 18.607 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

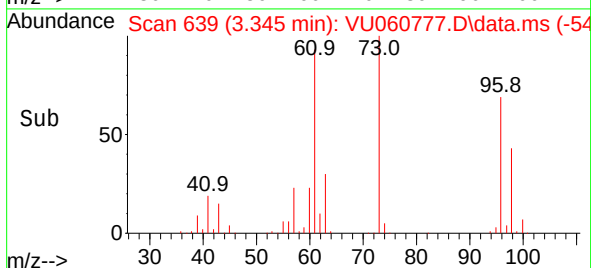
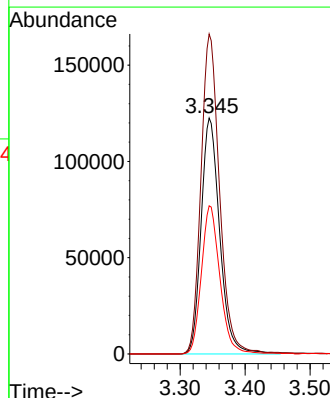
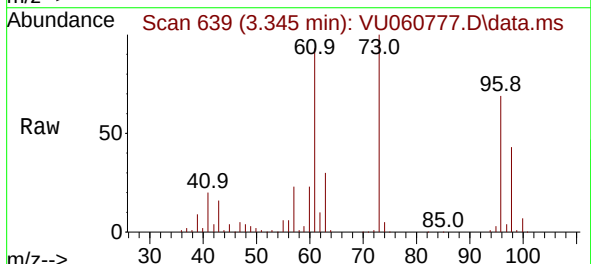
Tgt Ion: 96 Resp: 244098

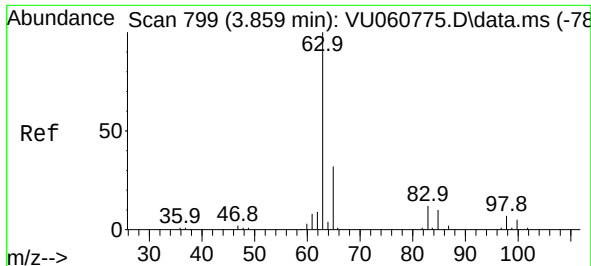
Ion Ratio Lower Upper

96 100

61 135.6 97.2 180.6

98 62.7 43.3 80.5

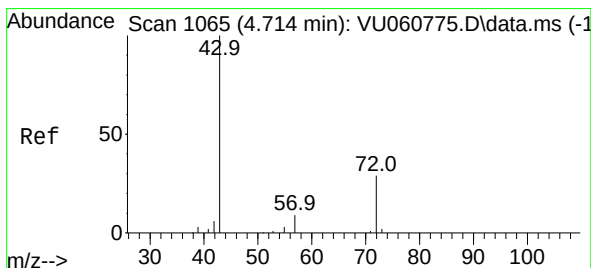
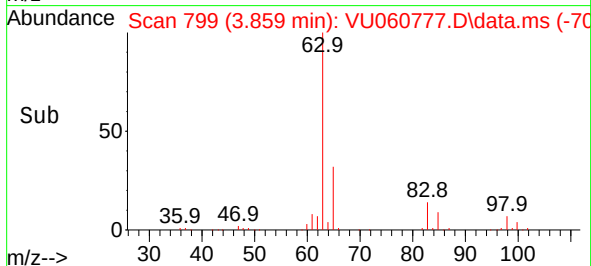
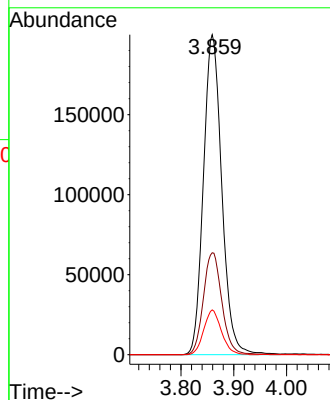
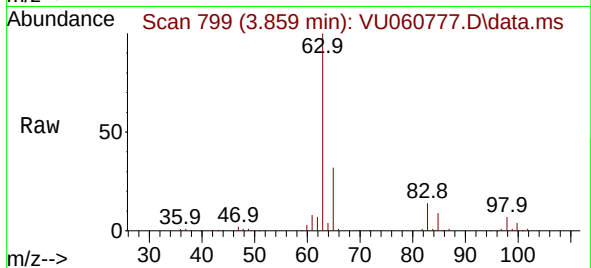




#19
1,1-Dichloroethane
Concen: 19.509 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

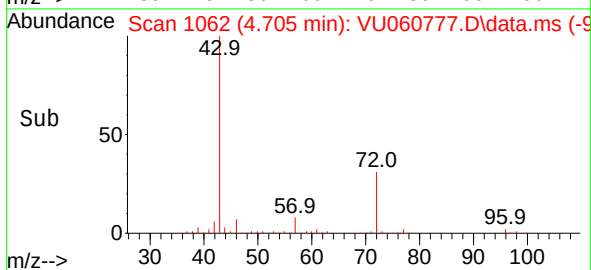
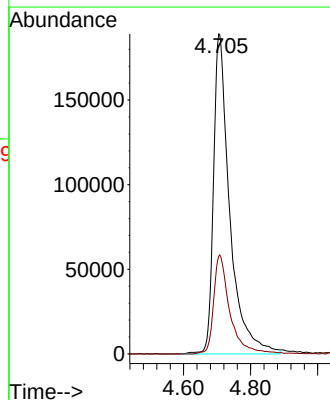
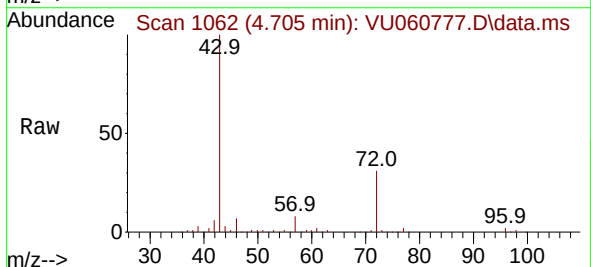
Instrument :
MSVOA_U
ClientSampleId :

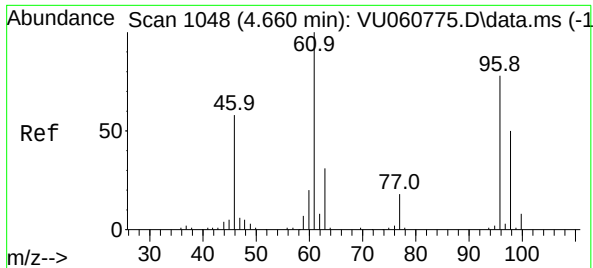
Tgt Ion:	63	Resp:	482384
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.8
83	14.0	9.0	16.6



#21
2-Butanone
Concen: 232.371 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.010 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion:	43	Resp:	636287
Ion	Ratio	Lower	Upper
43	100		
72	30.9	14.8	44.3





#22

cis-1,2-Dichloroethene

Concen: 19.465 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :

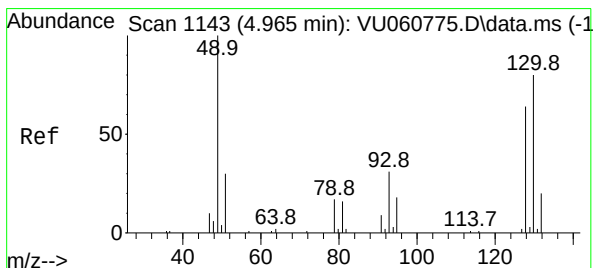
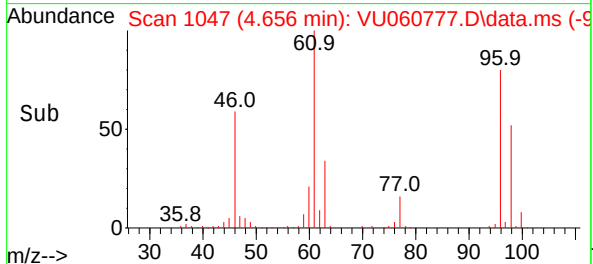
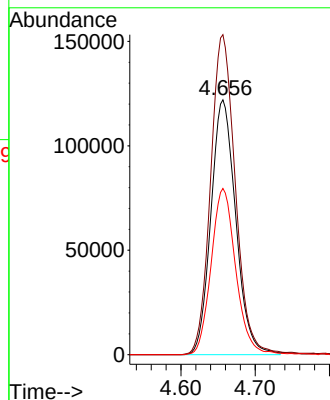
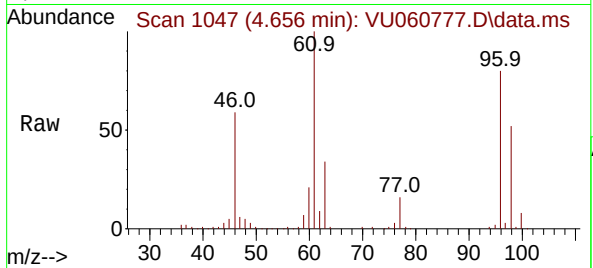
Tgt Ion: 96 Resp: 283804

Ion Ratio Lower Upper

96 100

61 125.6 89.7 166.5

98 65.2 45.1 83.9



#23

Bromochloromethane

Concen: 19.278 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Tgt Ion:128 Resp: 128683

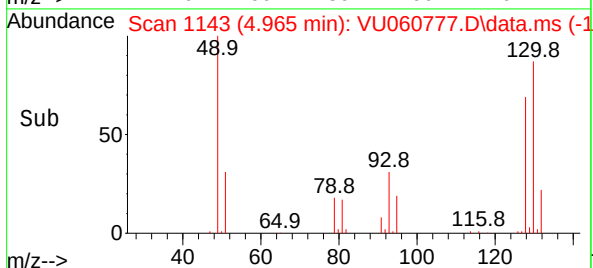
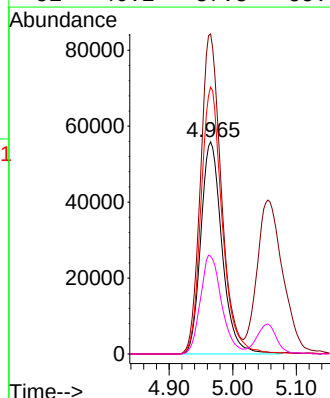
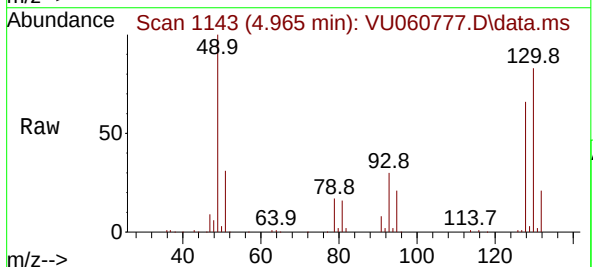
Ion Ratio Lower Upper

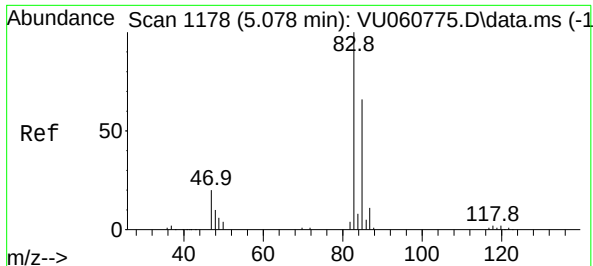
128 100

49 150.9 109.6 203.6

130 125.8 87.8 163.0

51 46.2 37.3 55.9





#25

Chloroform

Concen: 19.050 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

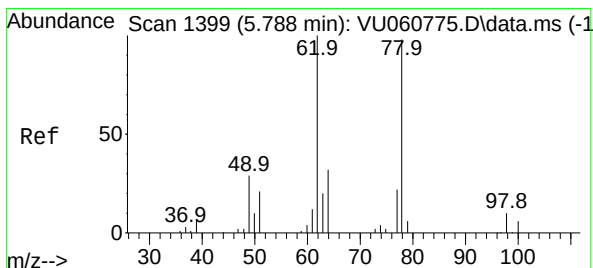
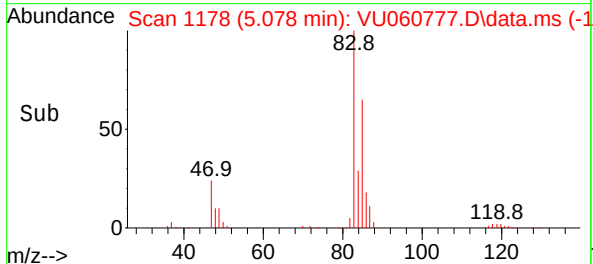
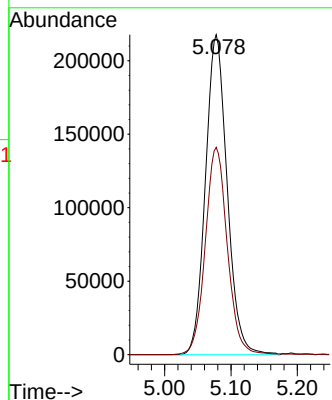
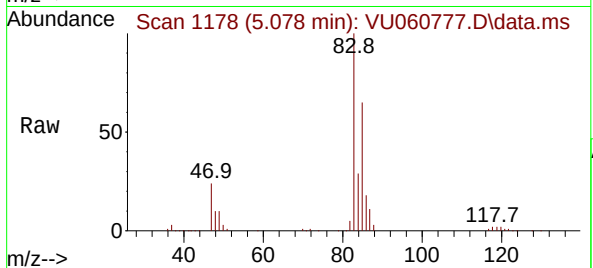
ClientSampleId :

Tgt Ion: 83 Resp: 494105

Ion Ratio Lower Upper

83 100

85 64.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 18.538 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060777.D

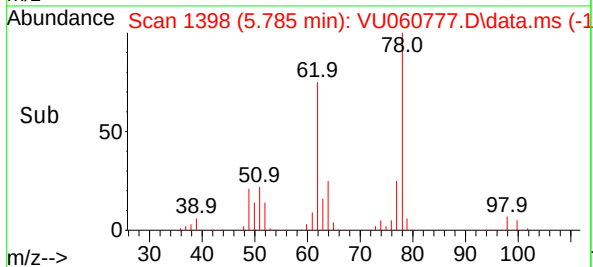
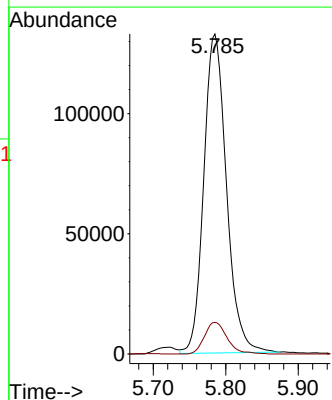
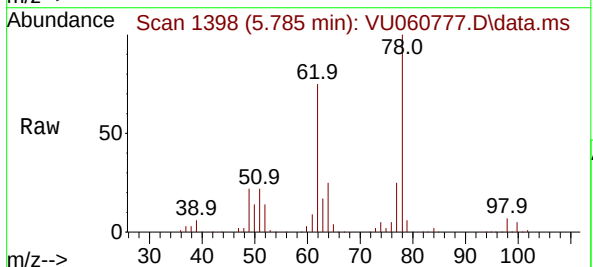
Acq: 16 Sep 2024 12:30

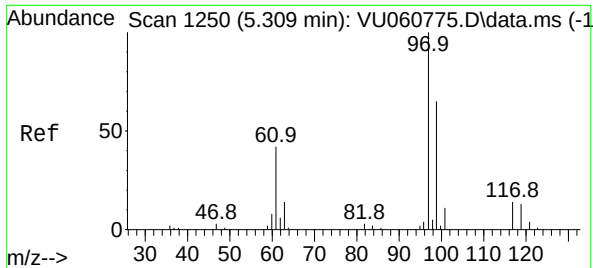
Tgt Ion: 62 Resp: 288645

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4



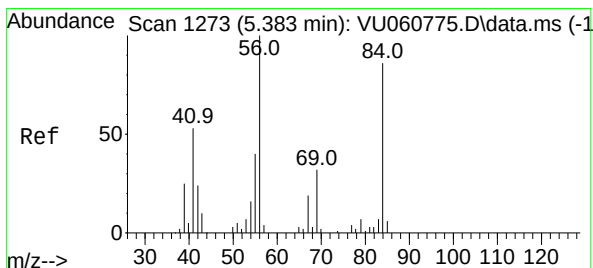
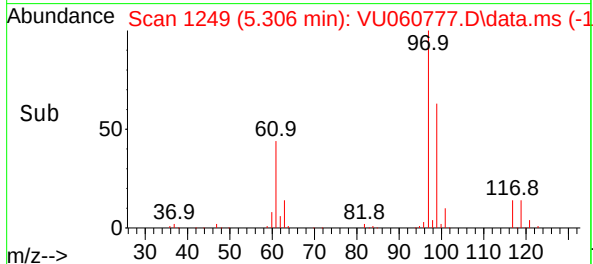
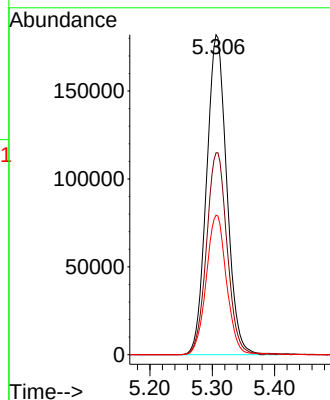
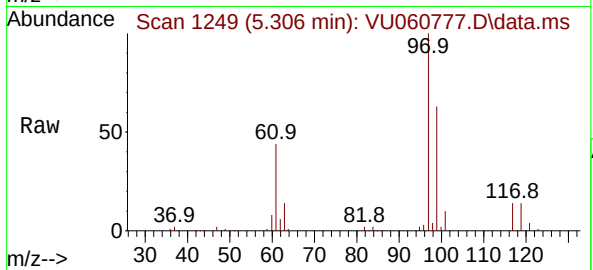


#29
1,1,1-Trichloroethane
Concen: 19.556 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 410241

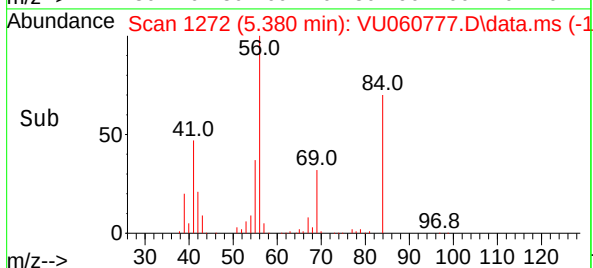
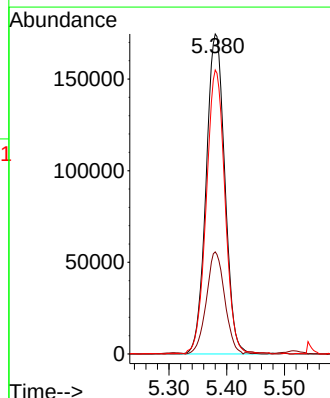
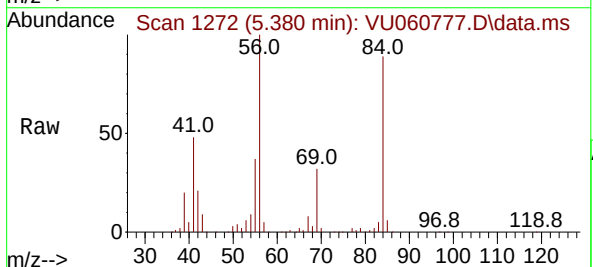
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.5	75.7
61	43.9	34.4	51.6

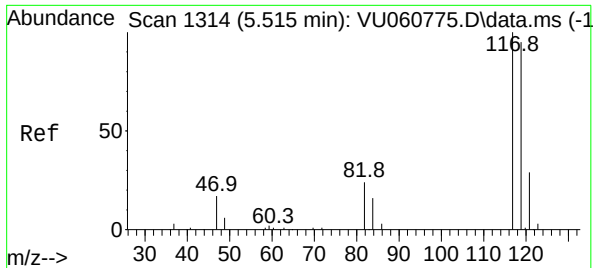


#30
Cyclohexane
Concen: 21.650 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion: 56 Resp: 393228

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.0
84	88.4	71.0	106.6

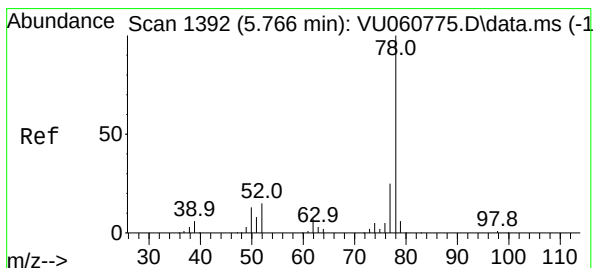
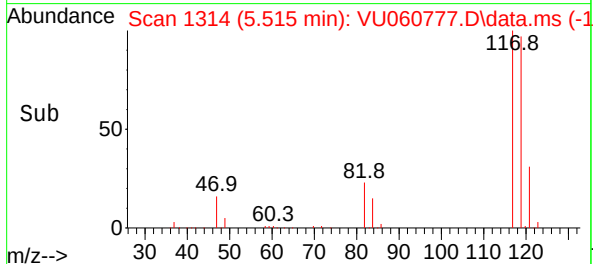
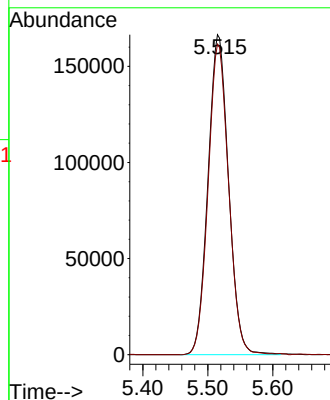
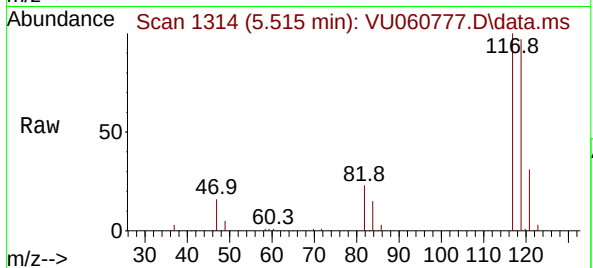




#31
Carbon tetrachloride
Concen: 20.546 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

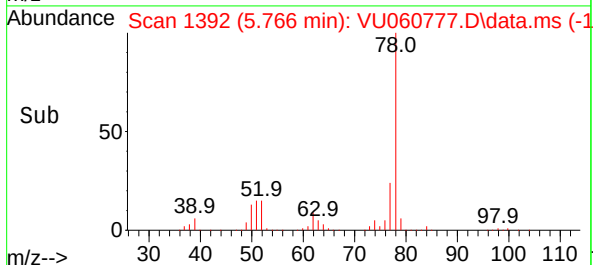
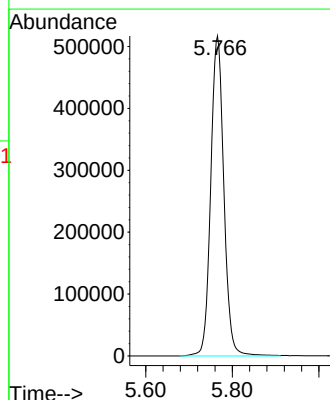
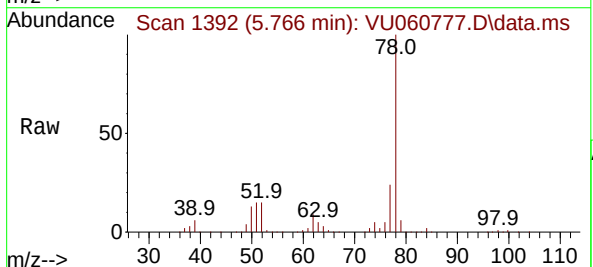
Instrument :
MSVOA_U
ClientSampleId :

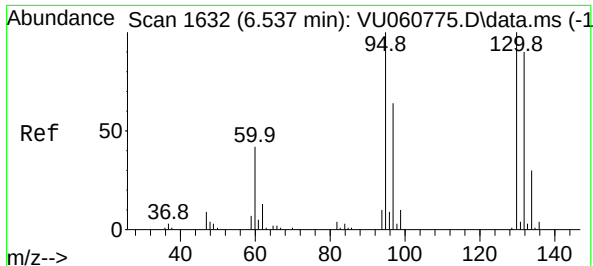
Tgt Ion:117 Resp: 366280
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5



#33
Benzene
Concen: 19.810 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion: 78 Resp: 1085652





#34

Trichloroethene

Concen: 19.023 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 281378

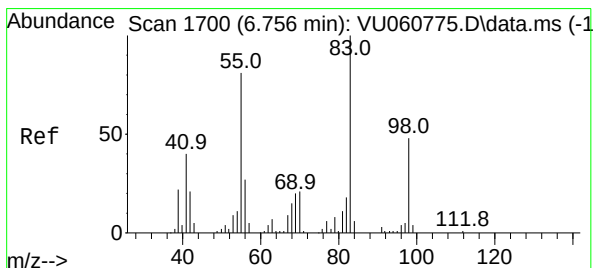
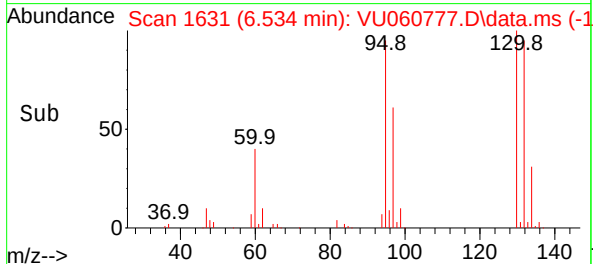
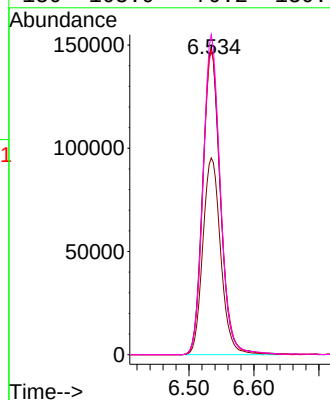
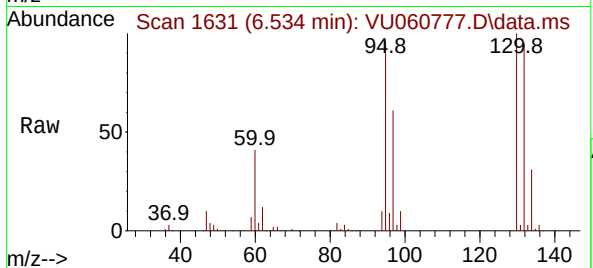
Ion Ratio Lower Upper

95 100

97 63.9 44.9 83.5

132 98.9 63.5 117.9

130 103.9 70.2 130.4



#35

Methylcyclohexane

Concen: 21.129 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

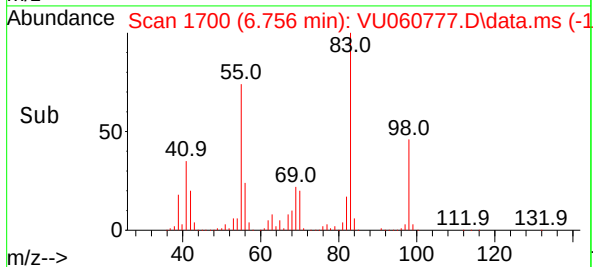
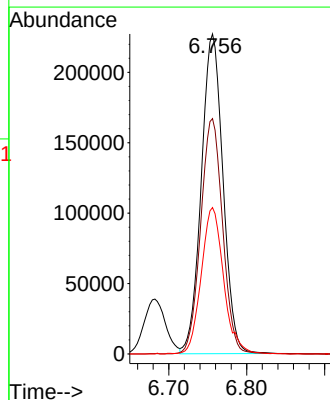
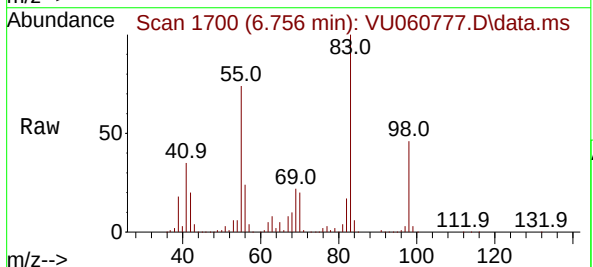
Tgt Ion: 83 Resp: 439446

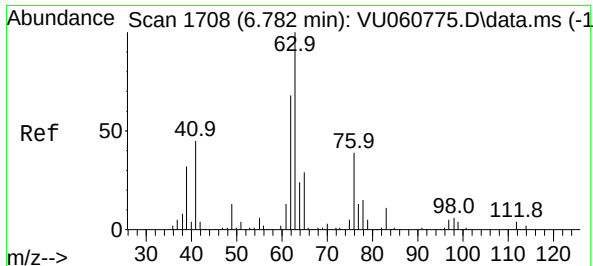
Ion Ratio Lower Upper

83 100

55 74.4 62.6 94.0

98 46.8 37.6 56.4

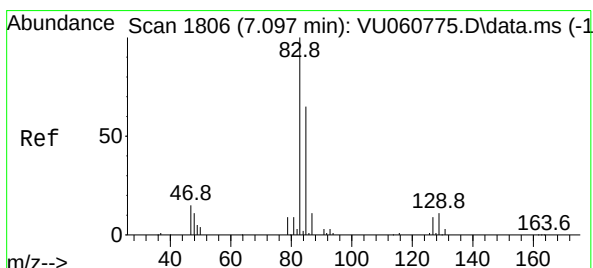
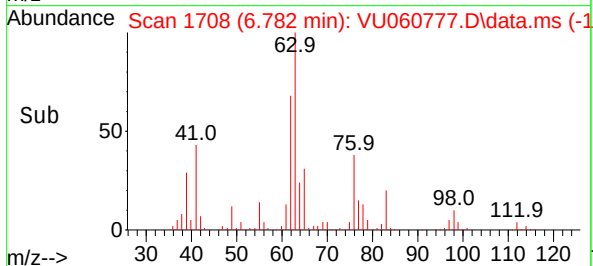
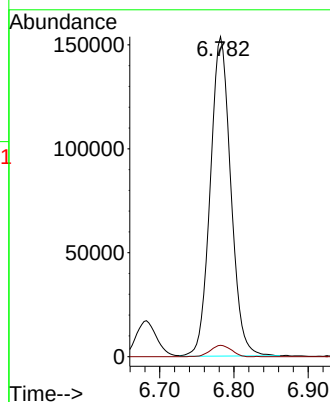
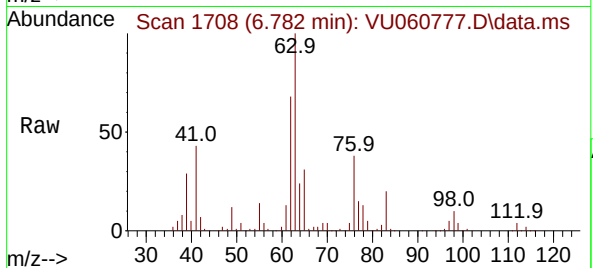




#37
1,2-Dichloropropane
Concen: 20.636 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

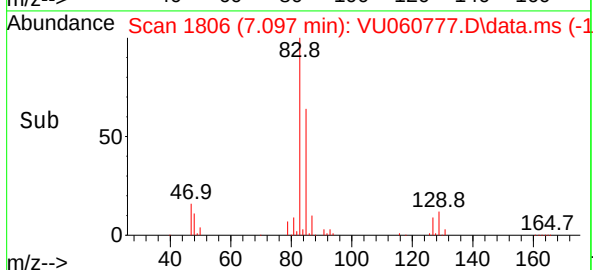
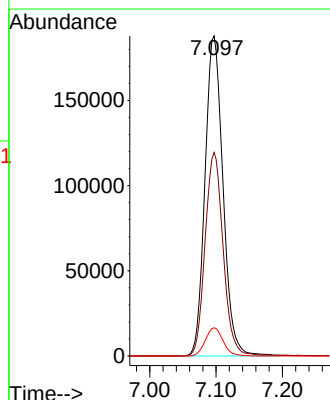
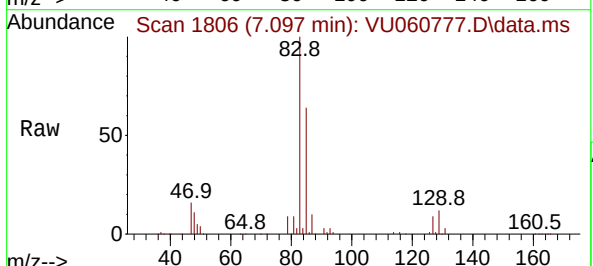
Instrument :
MSVOA_U
ClientSampleId :

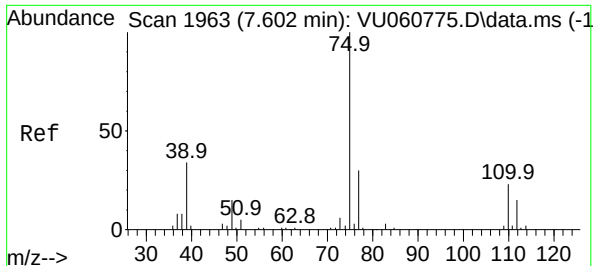
Tgt Ion: 63 Resp: 295085
Ion Ratio Lower Upper
63 100
112 3.6 2.0 3.0#



#38
Bromodichloromethane
Concen: 19.978 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion: 83 Resp: 355185
Ion Ratio Lower Upper
83 100
85 63.6 45.6 84.8
127 8.8 7.0 10.6

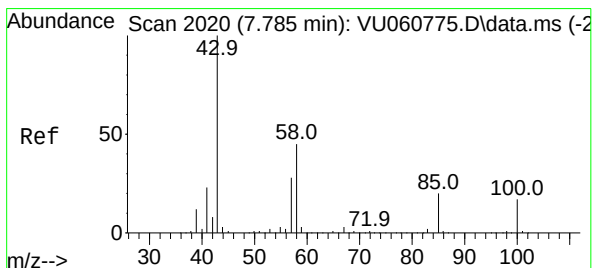
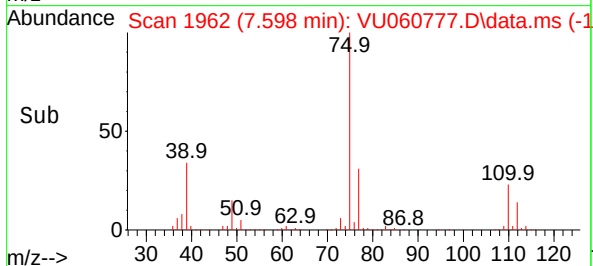
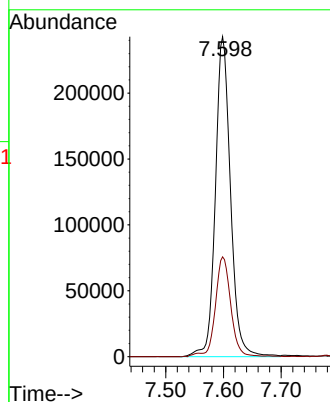
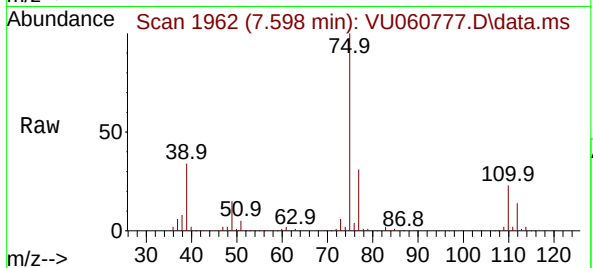




#39
cis-1,3-Dichloropropene
Concen: 22.723 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

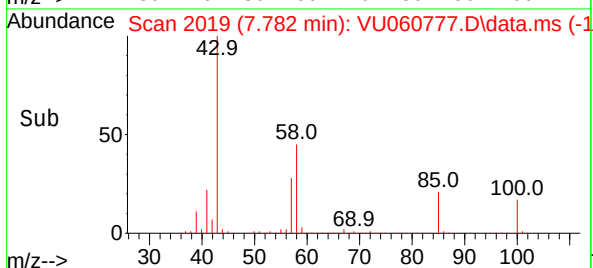
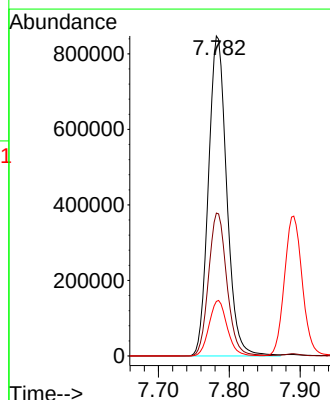
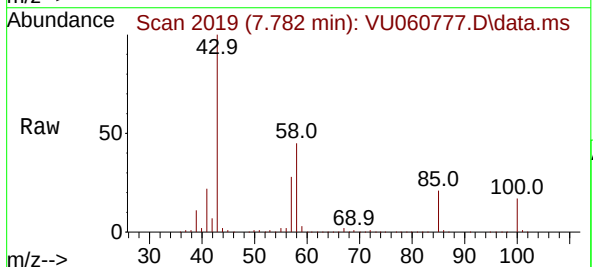
Instrument :
MSVOA_U
ClientSampleId :

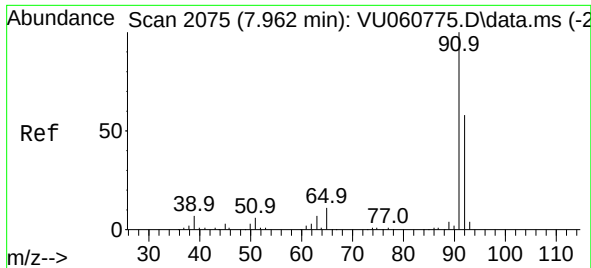
Tgt Ion: 75 Resp: 441416
Ion Ratio Lower Upper
75 100
77 31.2 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 227.840 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion: 43 Resp: 1517221
Ion Ratio Lower Upper
43 100
58 44.7 34.9 52.3
100 17.2 13.4 20.0





#42

Toluene

Concen: 20.831 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

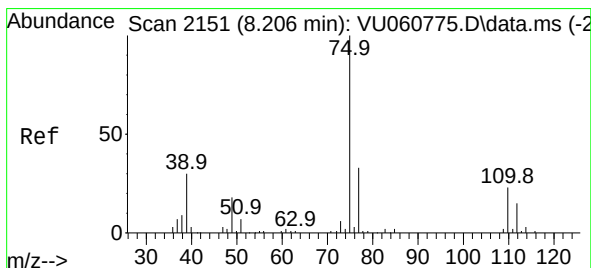
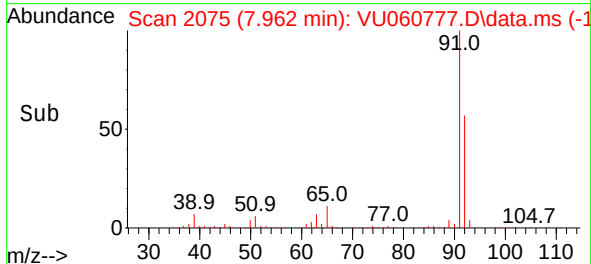
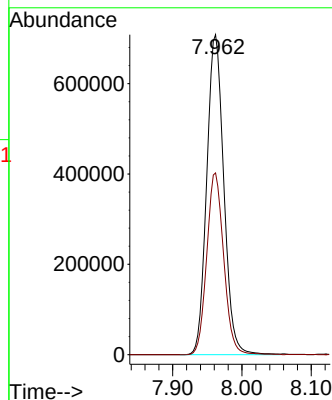
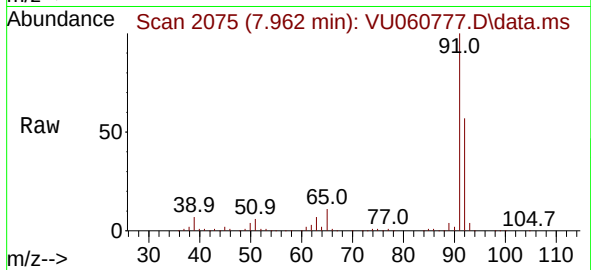
ClientSampleId :

Tgt Ion: 91 Resp: 1210031

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 22.737 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060777.D

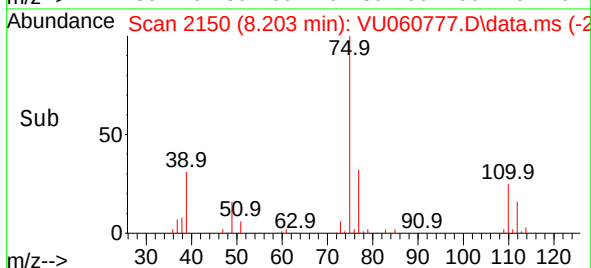
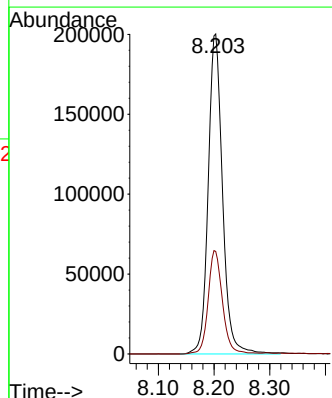
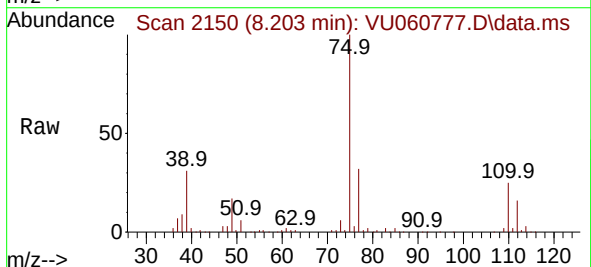
Acq: 16 Sep 2024 12:30

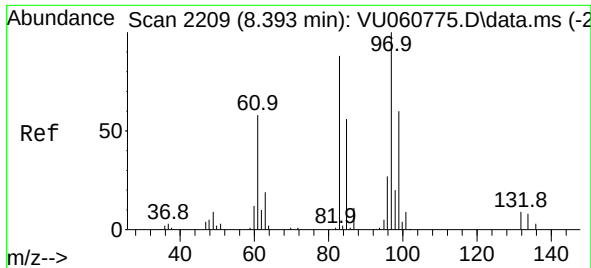
Tgt Ion: 75 Resp: 357088

Ion Ratio Lower Upper

75 100

77 32.1 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 20.034 ug/L

RT: 8.389 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 209299

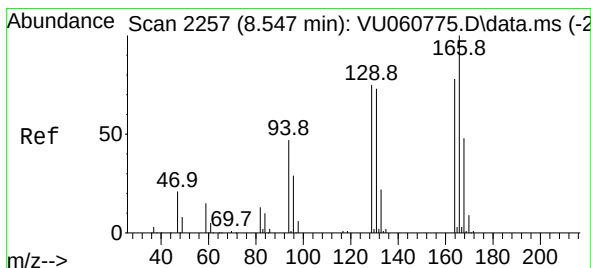
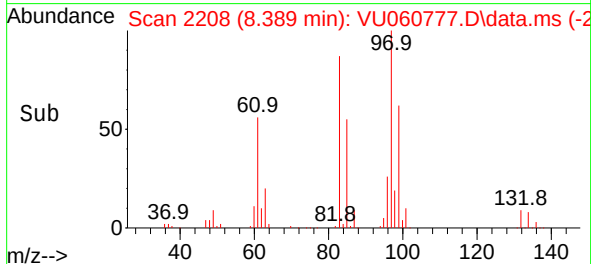
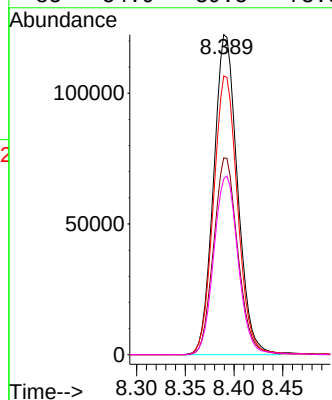
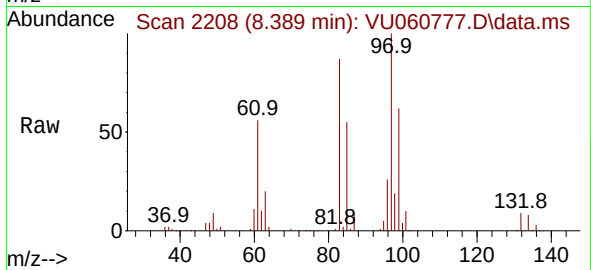
Ion Ratio Lower Upper

97 100

99 61.5 42.3 78.5

83 87.1 61.7 114.5

85 54.9 39.5 73.3



#47

Tetrachloroethene

Concen: 19.811 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Tgt Ion:164 Resp: 226925

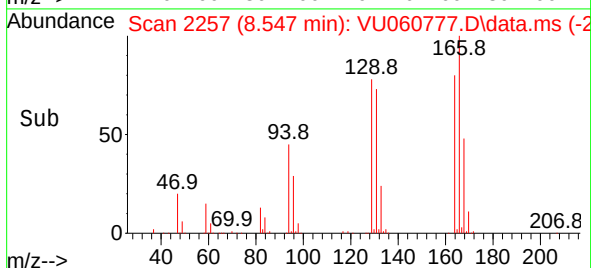
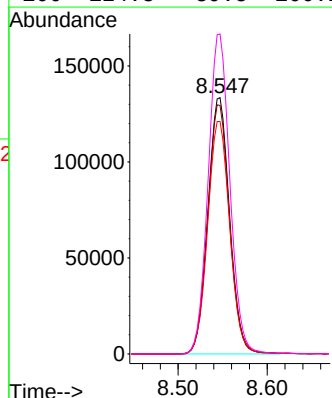
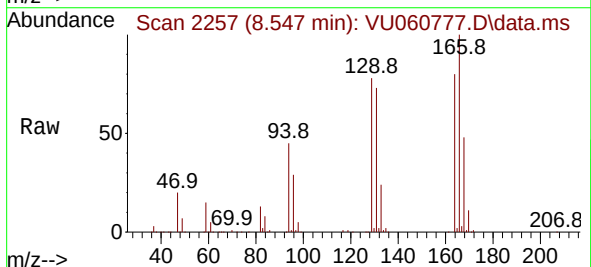
Ion Ratio Lower Upper

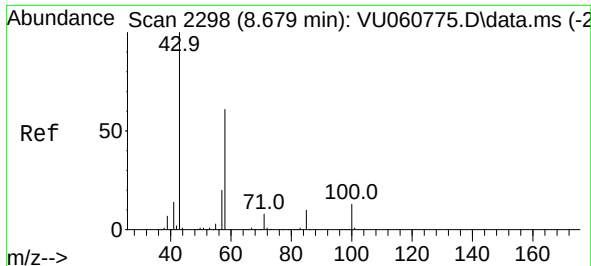
164 100

129 96.9 67.3 124.9

131 90.7 65.4 121.4

166 124.8 89.5 166.1





#48

2-Hexanone

Concen: 233.519 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

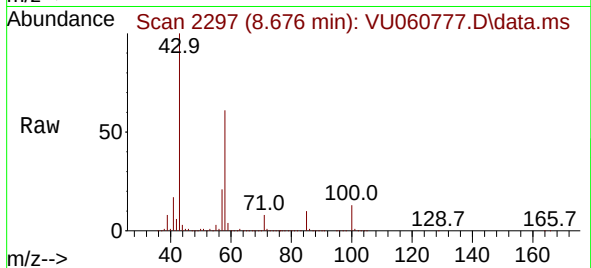
Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 1113694

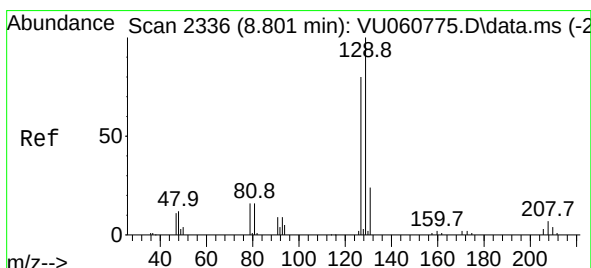
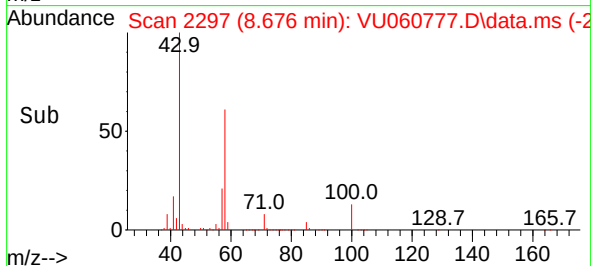
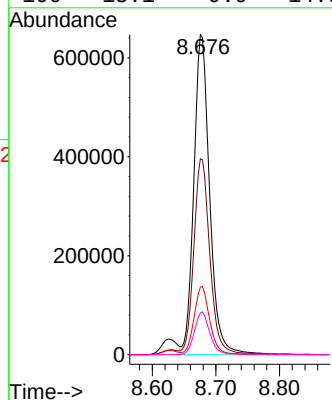
Ion Ratio Lower Upper

43 100

58 62.2 48.3 72.5

57 21.4 15.9 23.9

100 13.1 9.9 14.9



#49

Dibromochloromethane

Concen: 20.653 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060777.D

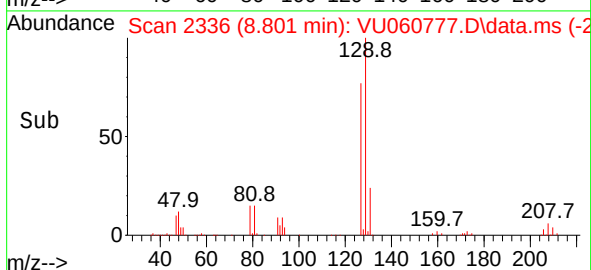
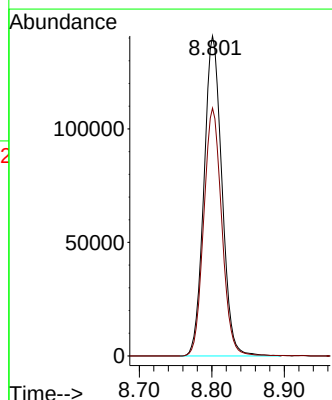
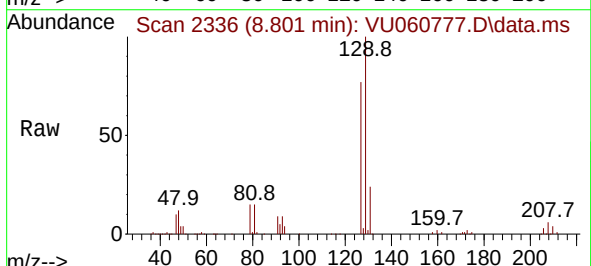
Acq: 16 Sep 2024 12:30

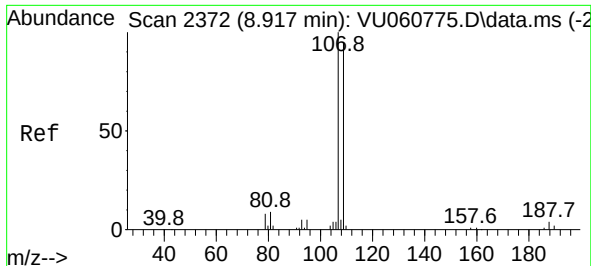
Tgt Ion:129 Resp: 241923

Ion Ratio Lower Upper

129 100

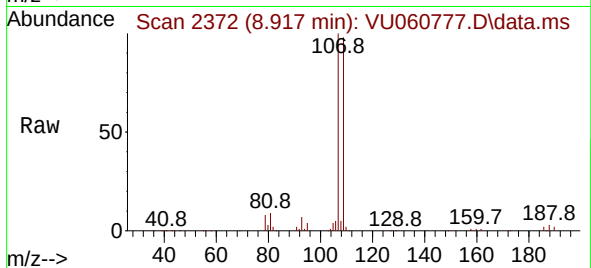
127 77.5 56.1 104.1



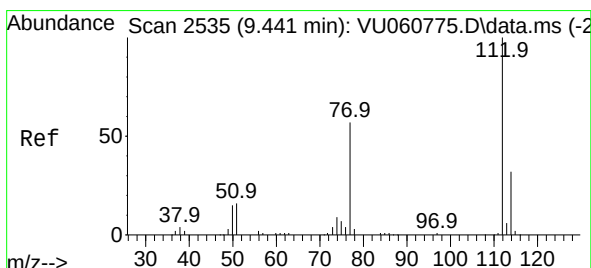
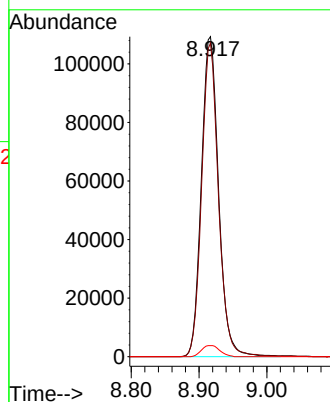
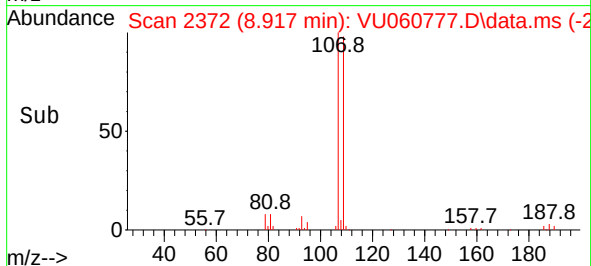


#50
1,2-Dibromoethane
Concen: 19.930 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Instrument :
MSVOA_U
ClientSampleId :

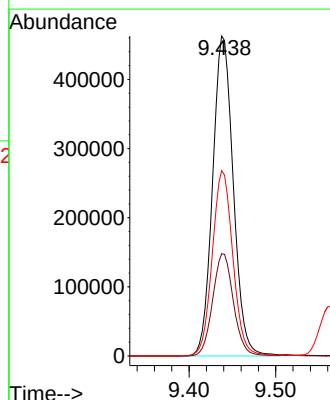
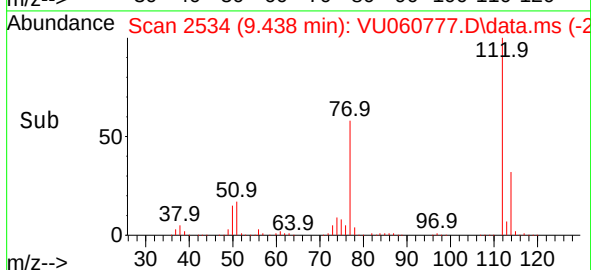
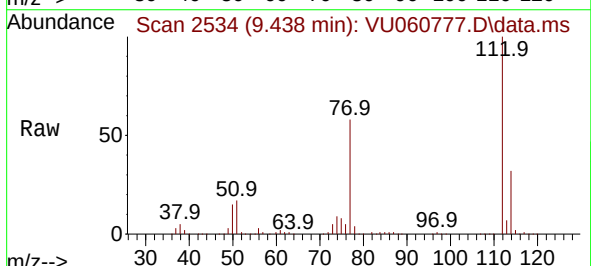


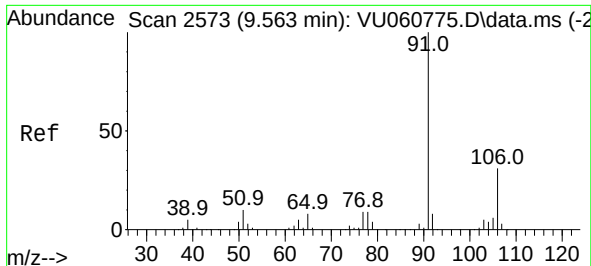
Tgt Ion:107 Resp: 193008
Ion Ratio Lower Upper
107 100
109 98.0 66.8 124.0
188 3.4 3.4 5.0



#51
Chlorobenzene
Concen: 20.803 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion:112 Resp: 767868
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 57.9 46.1 69.1





#52

Ethylbenzene

Concen: 22.587 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

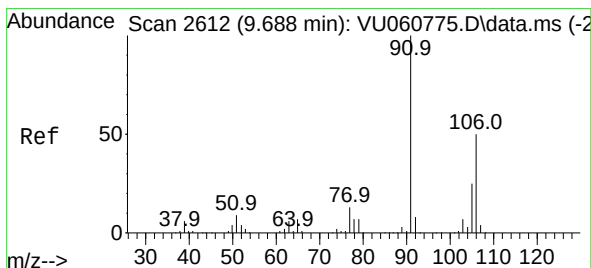
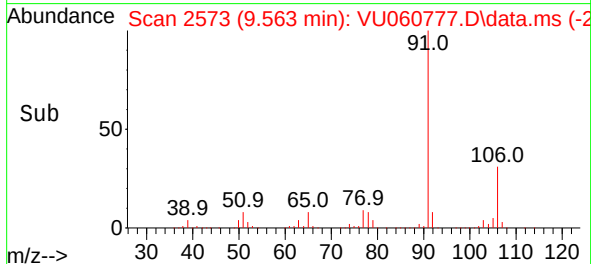
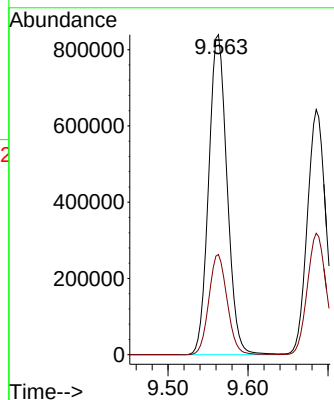
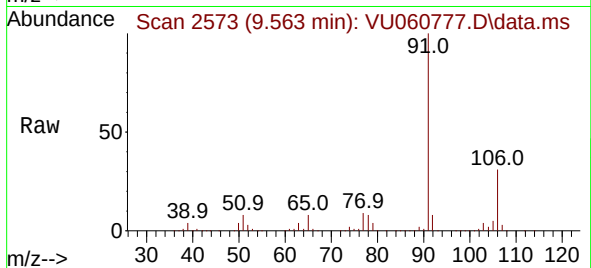
ClientSampleId :

Tgt Ion: 91 Resp: 1342282

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.6



#53

m,p-Xylene

Concen: 23.215 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU060777.D

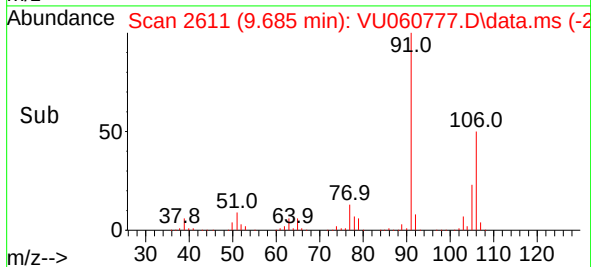
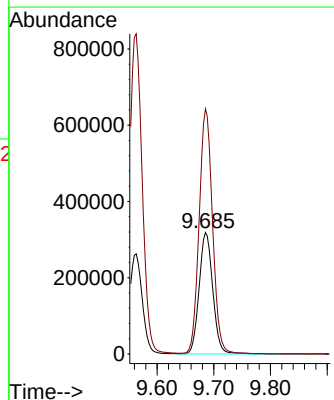
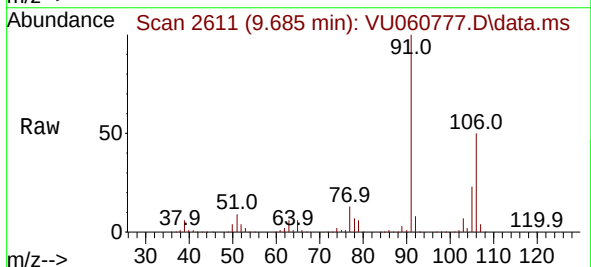
Acq: 16 Sep 2024 12:30

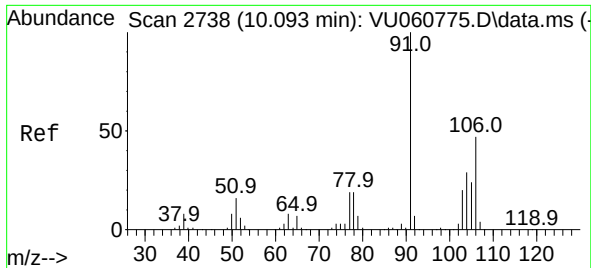
Tgt Ion:106 Resp: 530877

Ion Ratio Lower Upper

106 100

91 201.8 139.7 259.4

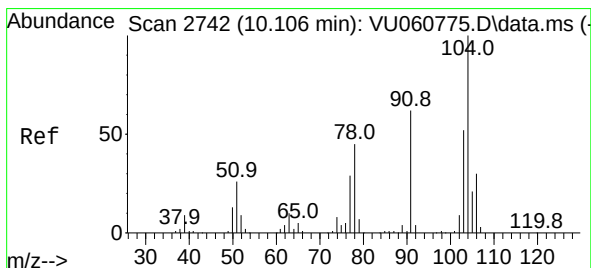
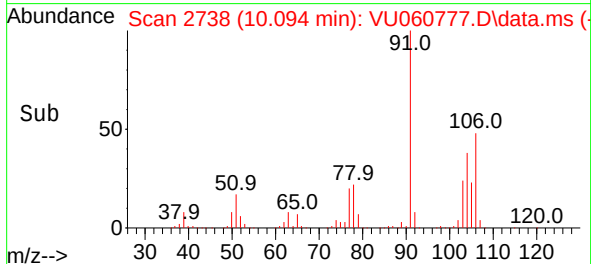
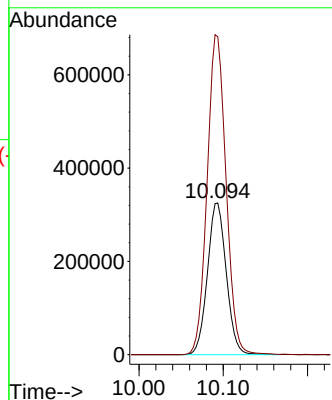
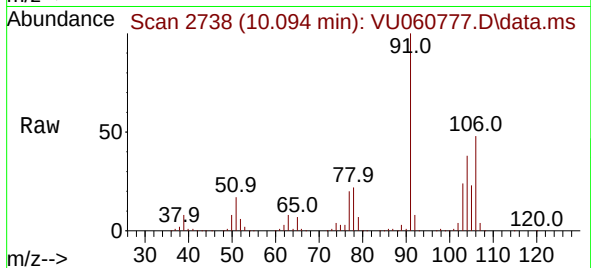




#54
o-Xylene
Concen: 23.213 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

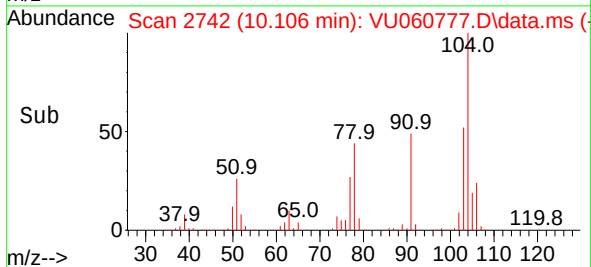
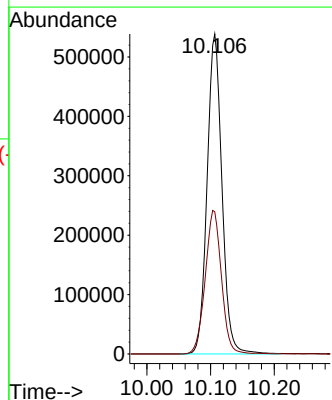
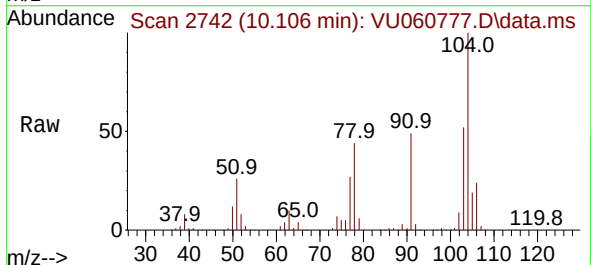
Instrument :
MSVOA_U
ClientSampleId :

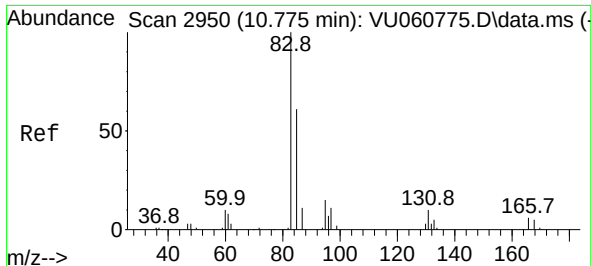
Tgt Ion:106 Resp: 505594
Ion Ratio Lower Upper
106 100
91 209.5 148.6 276.0



#55
Styrene
Concen: 23.703 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion:104 Resp: 873057
Ion Ratio Lower Upper
104 100
78 44.5 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 20.827 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :

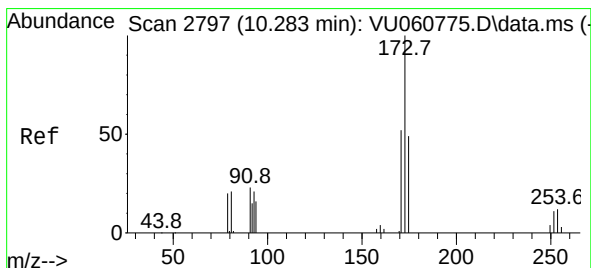
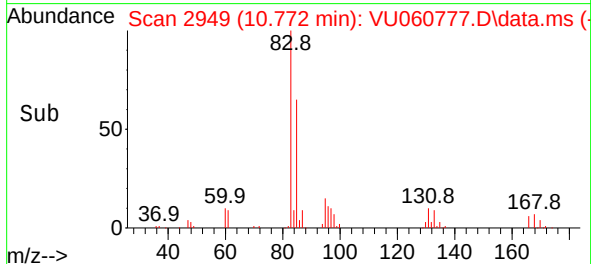
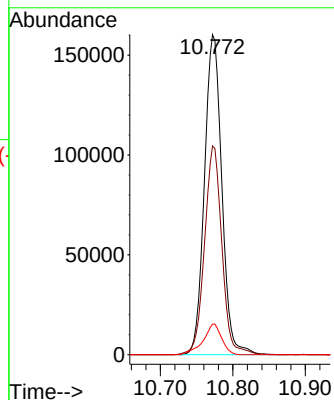
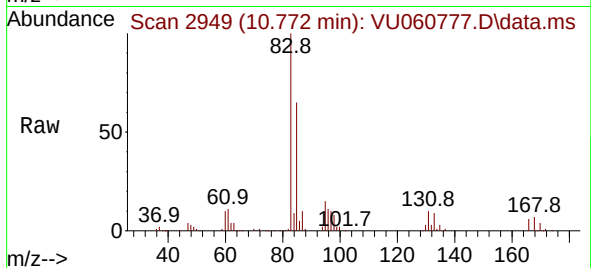
Tgt Ion: 83 Resp: 267014

Ion Ratio Lower Upper

83 100

85 65.3 42.9 79.7

131 9.6 8.4 12.6



#59

Bromoform

Concen: 20.124 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

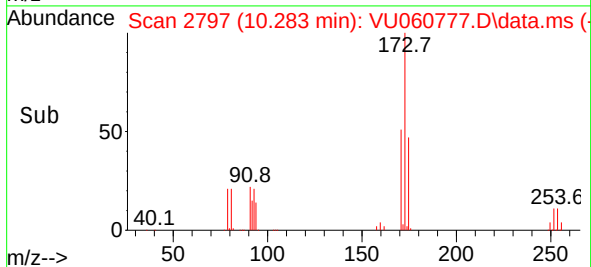
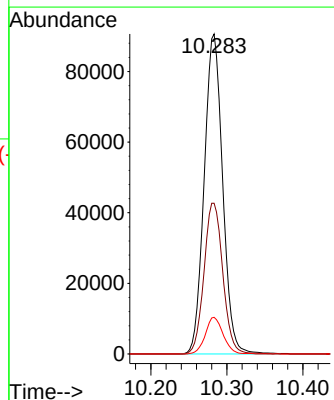
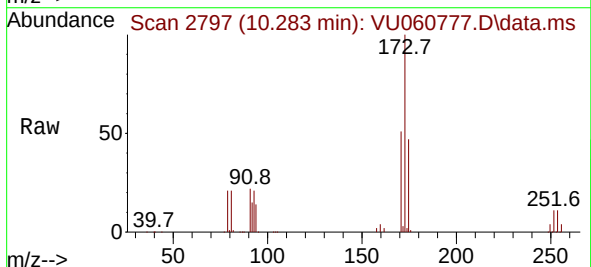
Tgt Ion:173 Resp: 152958

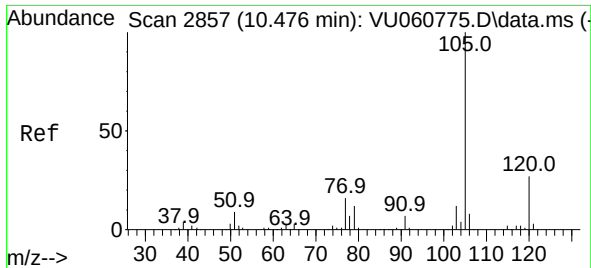
Ion Ratio Lower Upper

173 100

175 48.0 39.1 58.7

254 11.1 8.7 13.1

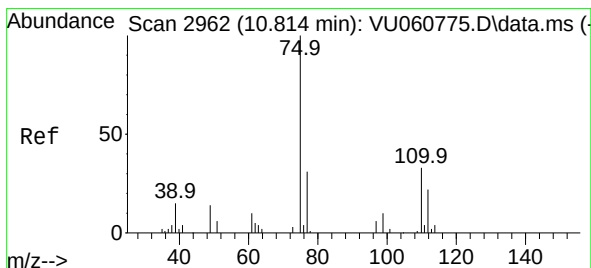
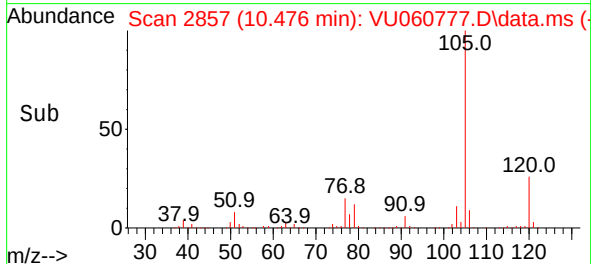
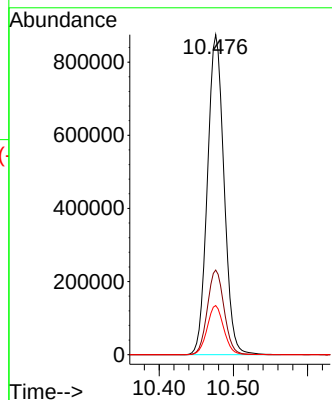
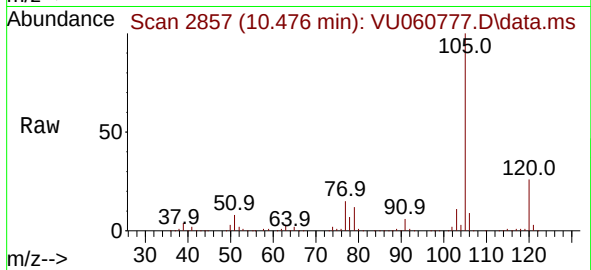




#60
Isopropylbenzene
Concen: 22.129 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

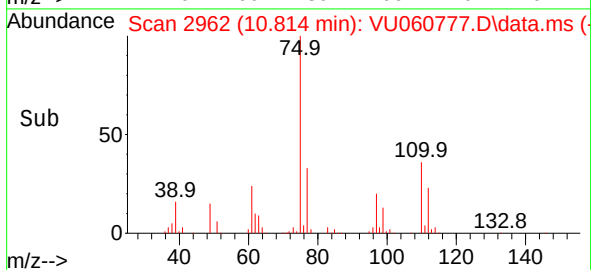
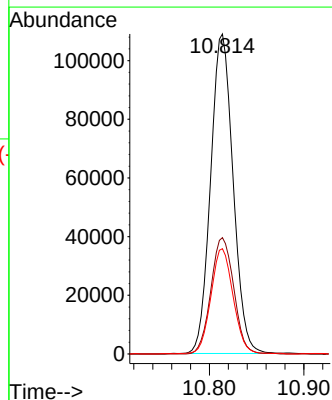
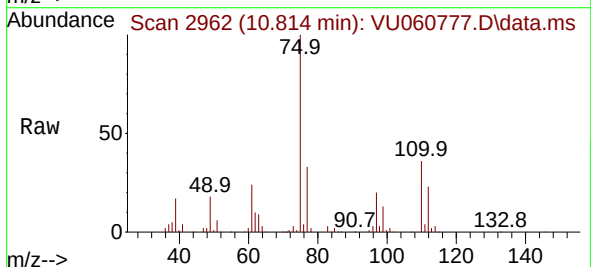
Instrument :
MSVOA_U
ClientSampleId :

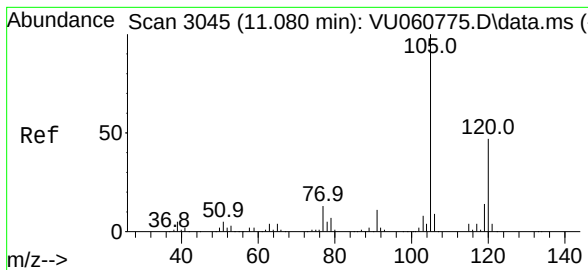
Tgt Ion:105 Resp: 1353868
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 19.690 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060777.D
Acq: 16 Sep 2024 12:30

Tgt Ion: 75 Resp: 179514
Ion Ratio Lower Upper
75 100
110 37.1 28.6 43.0
77 32.5 26.3 39.5

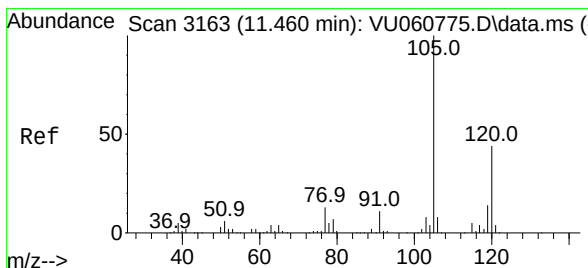
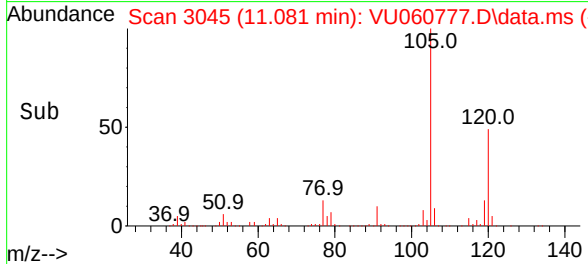
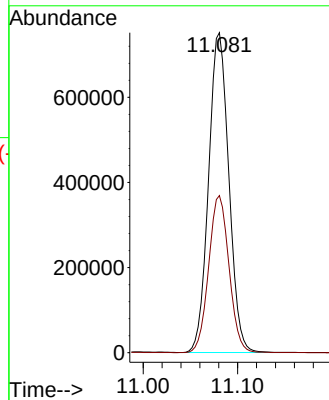
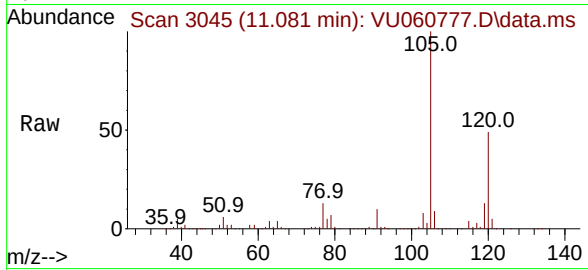




#62
 1,3,5-Trimethylbenzene
 Concen: 23.249 ug/L
 RT: 11.081 min Scan# 3045
 Delta R.T. 0.000 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

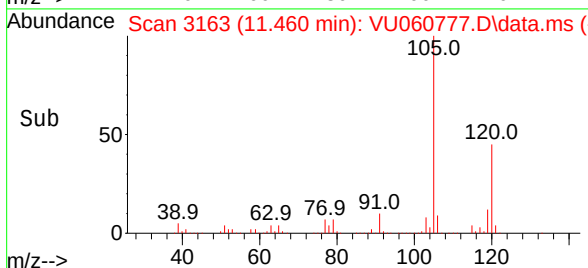
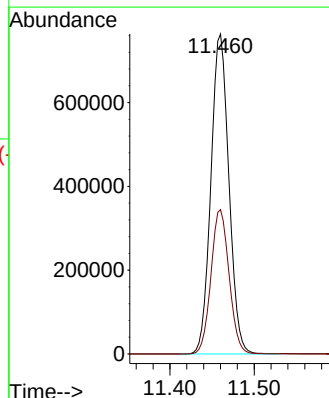
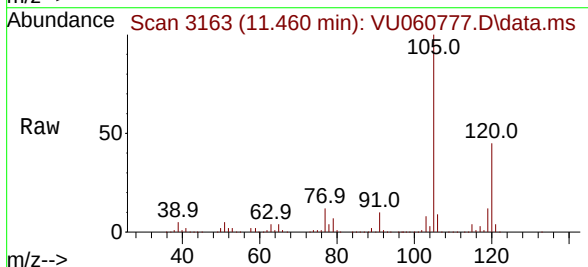
Instrument :
 MSVOA_U
 ClientSampleId :

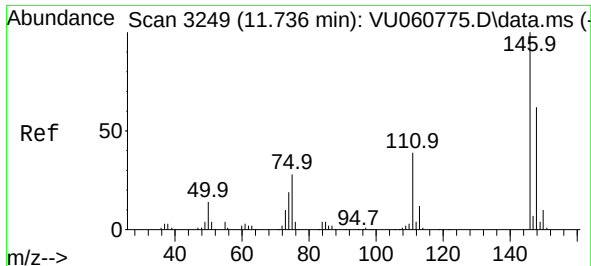
Tgt Ion:105 Resp: 1119760
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 24.433 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

Tgt Ion:105 Resp: 1132638
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 20.401 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

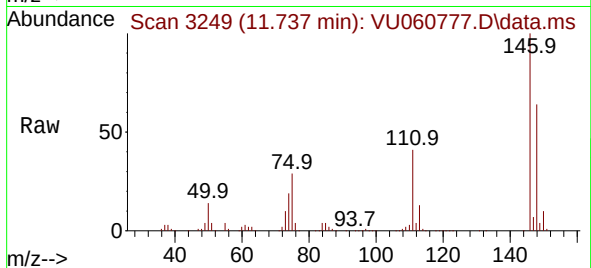
Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :



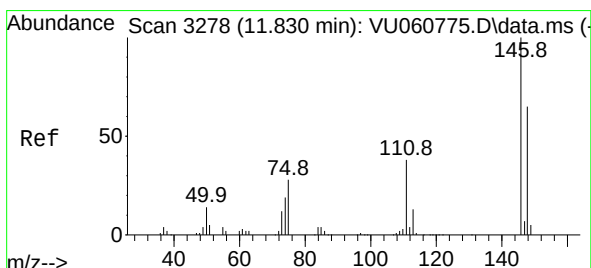
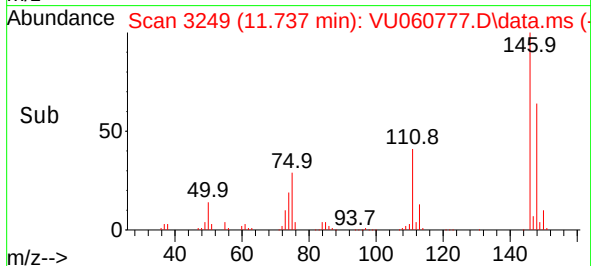
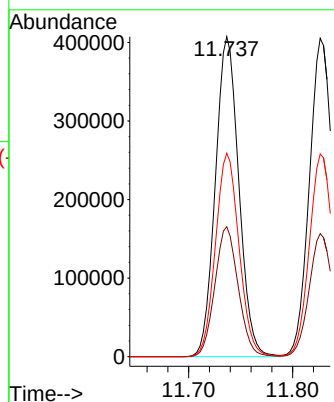
Tgt Ion:146 Resp: 638688

Ion Ratio Lower Upper

146 100

111 40.6 27.5 51.1

148 63.6 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 20.197 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

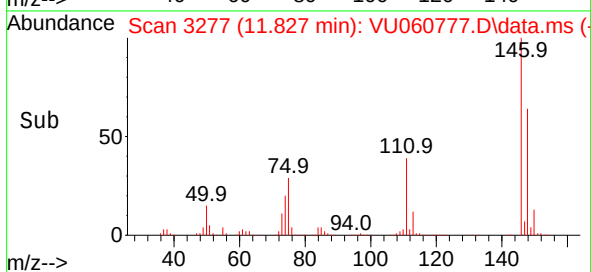
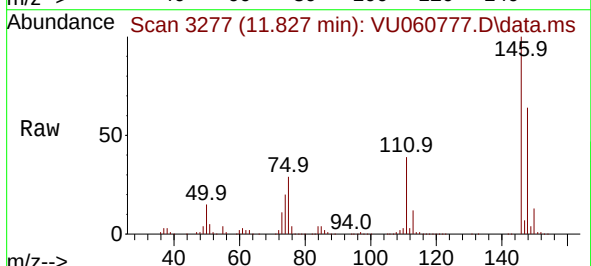
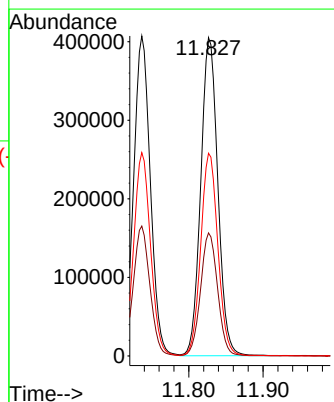
Tgt Ion:146 Resp: 647037

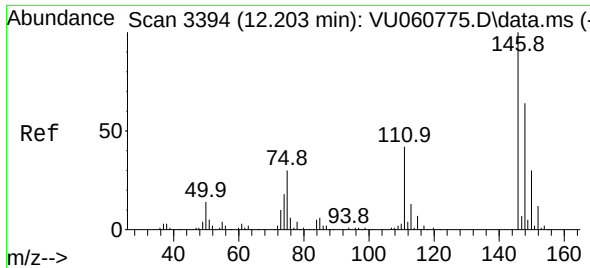
Ion Ratio Lower Upper

146 100

111 38.7 26.3 48.9

148 63.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 20.429 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :

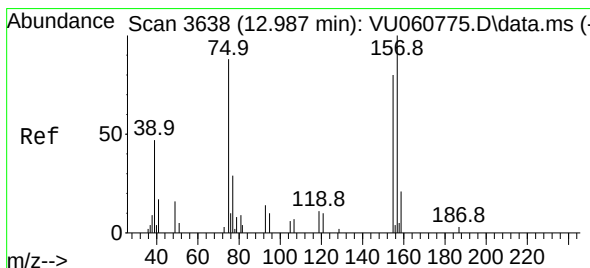
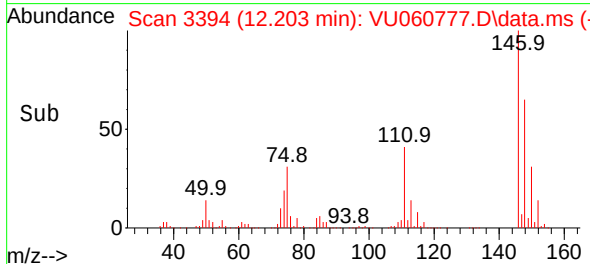
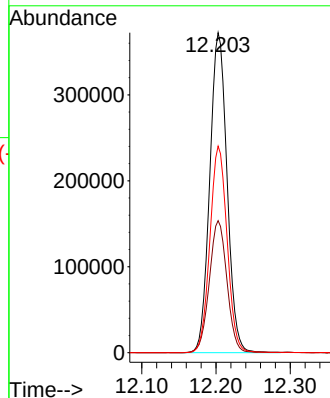
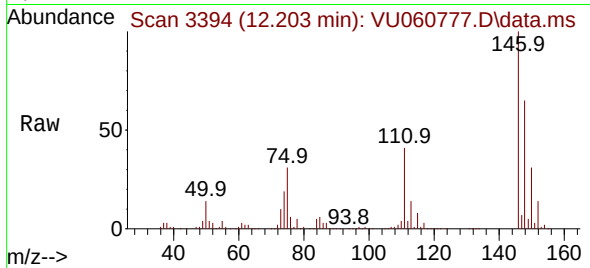
Tgt Ion:146 Resp: 600429

Ion Ratio Lower Upper

146 100

111 41.3 33.4 50.0

148 64.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 21.143 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

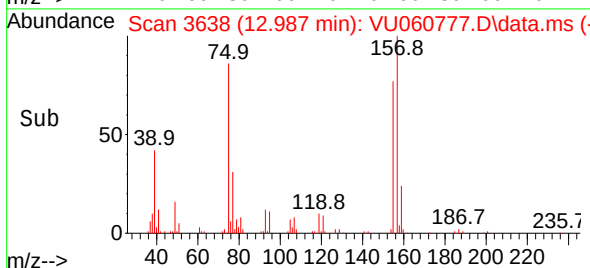
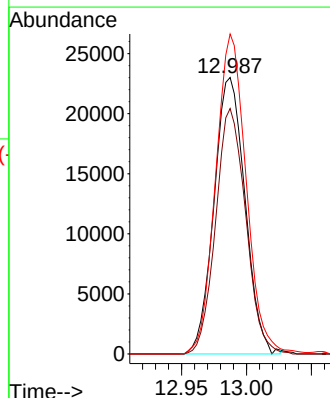
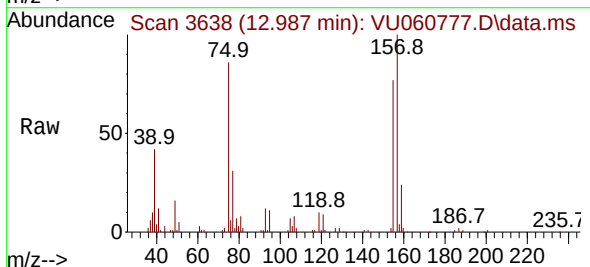
Tgt Ion: 75 Resp: 38138

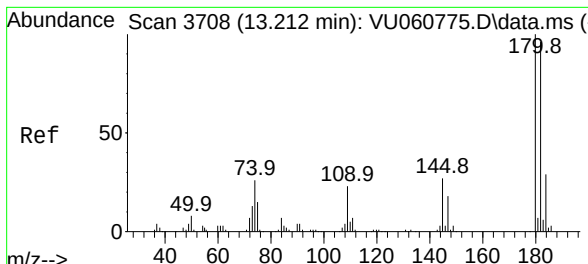
Ion Ratio Lower Upper

75 100

155 88.8 73.1 109.7

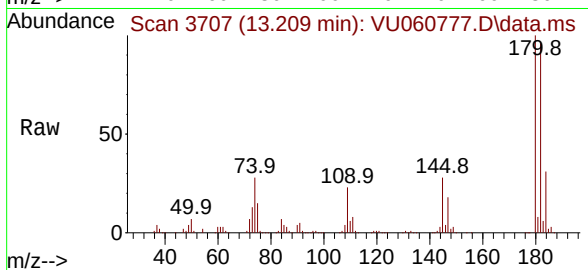
157 115.7 91.0 136.4





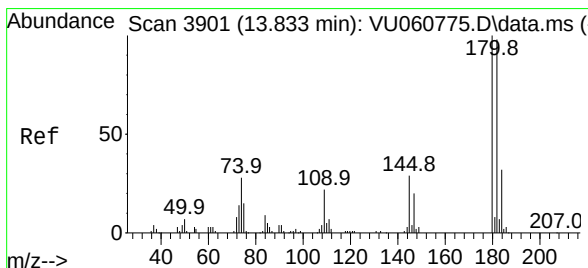
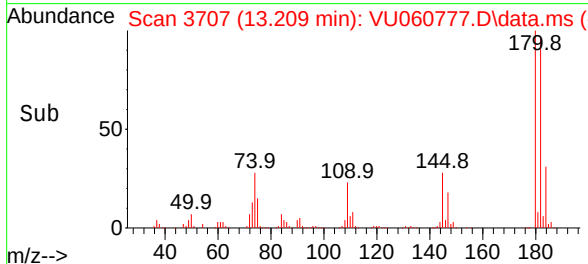
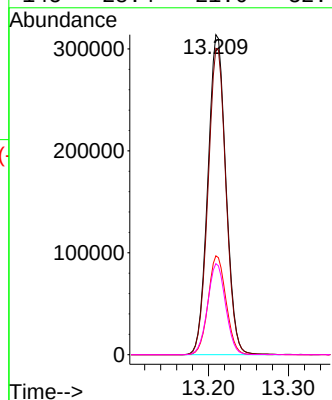
#69
 1,3,5-Trichlorobenzene
 Concen: 21.289 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 492971

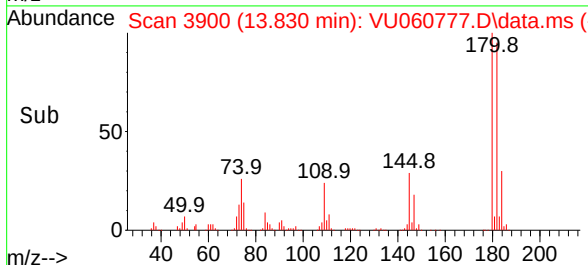
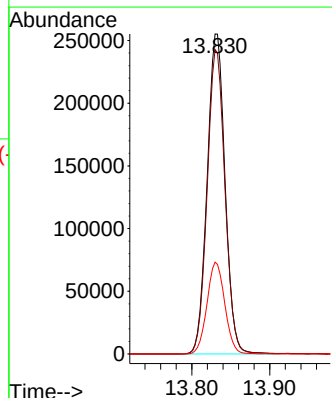
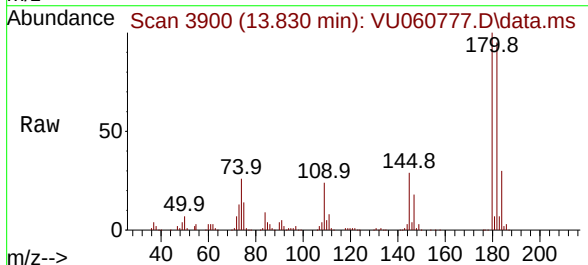
Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.5	111.7
184	30.6	23.2	34.8
145	28.4	21.6	32.4

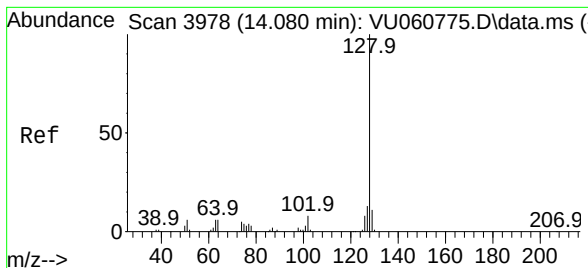


#70
 1,2,4-trichlorobenzene
 Concen: 23.271 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.003 min
 Lab File: VU060777.D
 Acq: 16 Sep 2024 12:30

Tgt Ion:180 Resp: 406849

Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.4	116.2
145	28.5	22.9	34.3





#71

Naphthalene

Concen: 25.007 ug/L

RT: 14.077 min Scan# 3978

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Instrument :

MSVOA_U

ClientSampleId :

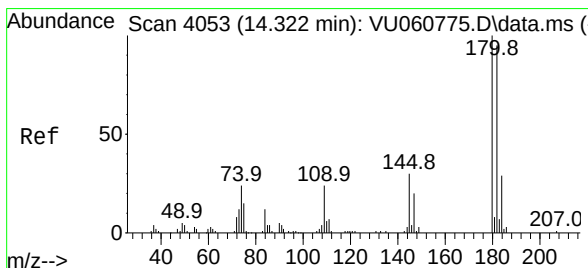
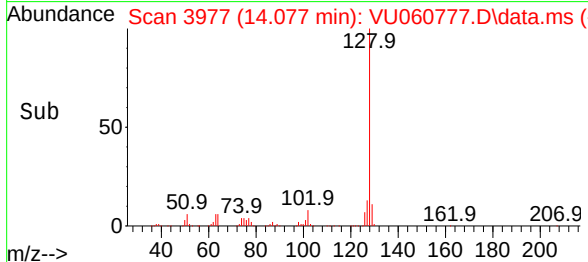
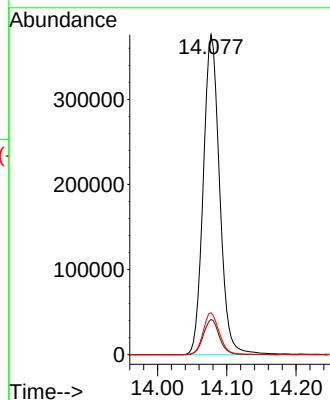
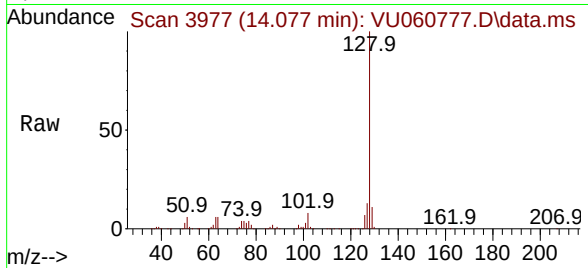
Tgt Ion:128 Resp: 616609

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 13.0 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 22.027 ug/L

RT: 14.318 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU060777.D

Acq: 16 Sep 2024 12:30

Tgt Ion:180 Resp: 355071

Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 30.5 23.5 35.3

